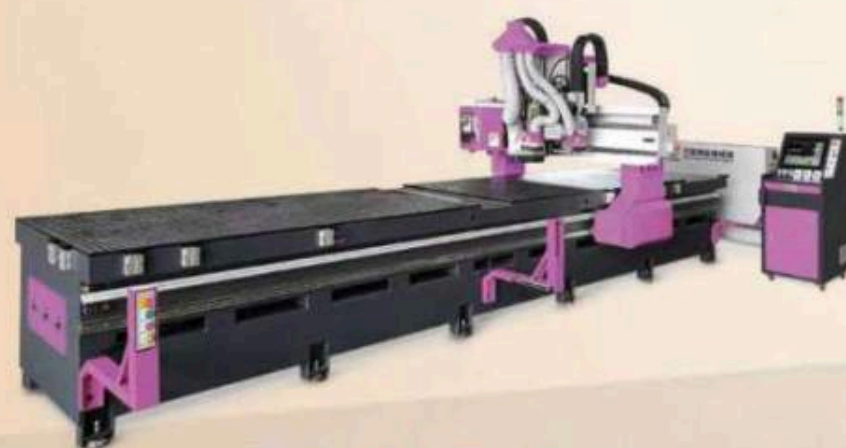


# DOUBLE COLUMN CNC ROUTER

## 龍門型 CNC 鉋花機

先進機器性能，打造競爭優勢！



YL-48122 (R+B+U)



YL-12241 (R+U)



12094 (R+L)



|                                                                                    |                                                          |
|------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>CNC 鉋花機</b><br><b>CNC Router</b> .....3                                         | <b>高速圓盤切斷機 / Cut-off with Rotary Table</b> .....68       |
| CNC Router .....3                                                                  | <b>高速切斷機 / High Speed Cut-off Machine</b> .....69        |
| YL-1509.....25                                                                     | <b>軸傾圓鋸機 / Tilting Arbor Saw</b> .....71                 |
| YL-3015 PTP.....27                                                                 | <b>雙端圓鋸機 / Double Ended Circular Saw</b> .....72         |
| YL-SAH.....28                                                                      | <b>懸臂吊鋸機 / Radial Arm Saw</b> .....75                    |
| <b>傳統機械</b><br><b>Traditional Machine</b> .....33                                  | <b>推台鋸 / Slide Table Saw</b> .....79                     |
| 立軸機 / Shaper.....34                                                                | <b>多片縱鋸機 / Multiple Rip Saw</b> .....84                  |
| 鉋花機, 線鋸機 / Router, Jig Saw .....35                                                 | <b>鉋木機</b><br><b>Moulder</b> .....87                     |
| 送材機 / Feeder .....35                                                               | 自動鉋木機 / Auto Moulder .....87                             |
| <b>仿型機, 軸傾斜立軸機</b><br><b>Copy Shaper, Spindle Shaper</b> .....37                   | 雙面鉋木機 / Double Surface Moulder.....92                    |
| 仿型機 / Copy Shaper.....37                                                           | 四面鉋木機 / 4-side Moulder.....97                            |
| 軸傾斜立軸機 / Spindle Shaper.....44                                                     | <b>拼板機、指接機</b><br><b>Composer, Finger Joint</b> .....107 |
| <b>鋸木機</b><br><b>Saw</b> .....53                                                   | 拼板機-1 / Composer-1 .....107                              |
| 帶鋸機-1 / Band Saw-1 .....53                                                         | 拼板機-2 / Composer-2 .....115                              |
| 帶鋸機-2 / Band Saw-2 .....55                                                         | 指接機 / Finger Joint.....122                               |
| 臥式帶鋸機 / Horizontal Band Saw.....60                                                 | 自動指接機 / Auto Finger Joint.....129                        |
| 重型帶鋸機 / Vertical Saw.....62                                                        | <b>作榫機</b><br><b>Dovetailer</b> .....133                 |
| 單片機, 自動定位切斷機 /<br>Straight Line Rip Saw, Automatic programmable cut-off saw.....64 | 作榫機 / Dovetailer.....133                                 |
| 多片鋸 / Multiple Rip Saw.....65                                                      | 高速三角作榫機 / High Speed Dovetailer.....134                  |
|                                                                                    | 雙端作榫機 / Double Ended Dovetailer.....141                  |
|                                                                                    | 重型雙端作榫機 / Heavy Double Ended Dovetailer.....145          |
|                                                                                    | 圓棒製造機 / Round Rod Machine.....149                        |



|                                             |     |
|---------------------------------------------|-----|
| 背刀車床機<br>Back-Knife Turning Lathe.....      | 153 |
| 砂光機<br>Sander.....                          | 155 |
| 砂光機 / Sander.....                           | 155 |
| 仿型砂光機 / Profile Sander .....                | 167 |
| 立式海綿砂光機 / Curved Sander.....                | 168 |
| 裁板機, 貼邊機<br>Traditional Machine.....        | 175 |
| 裁板機 / Panel Saw .....                       | 175 |
| 貼邊機 / Edge Banding .....                    | 180 |
| 自動貼邊機 / Auto Edge Banding .....             | 181 |
| 鑽孔機<br>Boring Machine.....                  | 189 |
| 磨刀機<br>Tool Grinder.....                    | 193 |
| 集塵設備<br>Dust Collect Machine.....           | 199 |
| 集塵機 / Dust Collect Machine.....             | 199 |
| 空壓機 / Air Compressor.....                   | 203 |
| 塗裝設備<br>Roller Coater.....                  | 208 |
| 板材貼面生產線<br>Laminating Production Lines..... | 216 |

## 配件

|                         |     |
|-------------------------|-----|
| Accessories.....        | 223 |
| 鑽孔頭 / Boring Hand ..... | 223 |
| 刀具 -1 / Tool -1.....    | 233 |
| 刀具 -2 / Tool -2.....    | 271 |
| 橡膠輪 / Poller.....       | 275 |



# 龍門型 CNC 鉋花機

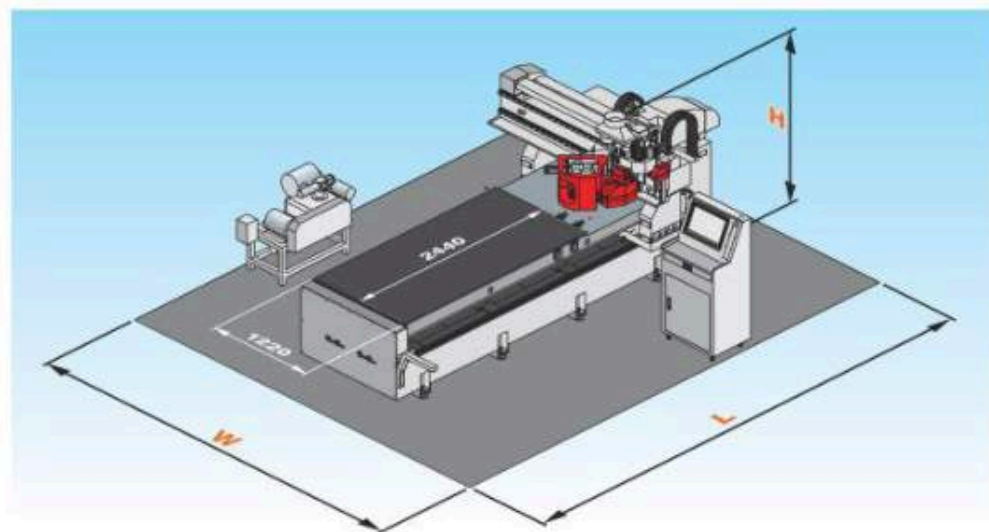
元隆推出新一代龍門型CNC鉋花機。以高速、高效率、高精度贏得使用者好評。此系列CNC鉋花機搭載功能強勁的 PC BASE CNC控制器，操作簡易。



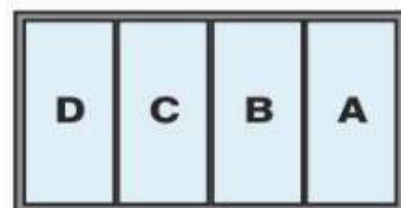
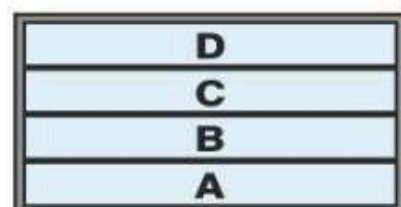
**YL-15302 R+B+U**  
**YL-12242 R+B+U**



## 機械規格：



| MODEL     | YL-12242 R+B+U | YL-15302 R+B+U |
|-----------|----------------|----------------|
| 台面可加工最大尺寸 | 1220 x 2440 mm | 1550 x 3060 mm |
| 佔地長度      | 5500 mm        | 6100 mm        |
| 佔地寬度      | 4500 mm        | 4800 mm        |
| 佔地高度      | 2500 mm        | 2500 mm        |



### 真空台面

- 可依客戶需求，變更真空檯面樣式。
- 台面真空吸附，可分成兩個不同真空區，以利一邊加工，另一邊換料（選配）。

| 型 式    |              | YL-12242 R+B+U                   | YL-15302 R+B+U                   |
|--------|--------------|----------------------------------|----------------------------------|
| 加工範圍   | 最大工件尺寸       | 4' x 8' feet                     | 5' x 10' feet                    |
|        | X 軸行程        | 1720 mm                          | 2020 mm                          |
| 行程     | Y 軸行程        | 2870 mm                          | 3400 mm                          |
|        | Z 軸行程        | 280 mm                           | 280 mm                           |
|        | 加工物最大高度      | 210 mm                           | 210 mm                           |
|        | 雙立柱最大距離      | 1387 mm                          | 1700 mm                          |
| 工作台面   | 工作台尺寸        | 1220 x 2440 mm                   | 1550 x 3060 mm                   |
| 進給速度   | 切削進給速度       | 8 M/min                          | 8 M/min                          |
|        | X 軸快速進給      | 40 M/min                         | 40 M/min                         |
|        | Y 軸快速進給      | 40 M/min                         | 40 M/min                         |
|        | Z 軸快速進給      | 10 M/min                         | 10 M/min                         |
| 主軸     | 主軸轉速         | 1,000~24,000 rpm                 | 1,000~24,000 rpm                 |
|        | 主軸錐度         | ISO 30                           | ISO 30                           |
| 自動換刀機構 | 刀庫型式         | 傘型刀庫                             | 傘型刀庫                             |
|        | 筒夾規格         | ER 32                            | ER 32                            |
|        | 刀柄數量         | 8 pcs                            | 8 pcs                            |
|        | 刀架數量         | 8 pcs                            | 8 pcs                            |
|        | 筒夾數量         | 8 pcs                            | 8 pcs                            |
| 刀具     | 刀具尺寸         | 3~80 mm                          | 3~80 mm                          |
|        | 筒夾尺寸         | 3~20 mm                          | 3~20 mm                          |
| 鑽刀頭組   | 馬力           | 2.5 HP boring unit 9V+4H+2S      | 2.5 HP boring unit 9V+4H+2S      |
|        | 垂直鑽頭         | 9 pcs (5 in X-axis, 4 in Y-axis) | 9 pcs (5 in X-axis, 4 in Y-axis) |
|        | 水平鑽頭         | 4 pcs (2 in X-axis, 2 in Y-axis) | 4 pcs (2 in X-axis, 2 in Y-axis) |
|        | 最大鋸片尺寸       | 2 pcs (1 in X-axis, 1 in Y-axis) | 2 pcs (1 in X-axis, 1 in Y-axis) |
| 馬達     | 主軸馬達         | 9 Kw x 1                         | 9 Kw x 1                         |
|        | X 軸伺服馬達      | 1.5 Kw                           | 1.5 Kw                           |
|        | Y 軸伺服馬達      | 2 Kw                             | 2 Kw                             |
|        | Z 軸伺服馬達      | 1.5 Kw                           | 1.5 Kw                           |
|        | 真空馬達         | 10 HP                            | 10 HP                            |
| 其他     | 所需氣壓         | 6 Kgf/cm <sup>2</sup>            | 6 Kgf/cm <sup>2</sup>            |
|        | 機械尺寸 (LxWxH) | 2300 x 5360 x 2250 mm            | 2300 x 5840 x 2200 mm            |
|        | 淨重           | 5500 kg                          | 5800 kg                          |
|        | 毛重           | 6000 kg                          | 6300 kg                          |

• 本公司保留機器規格及設計特性變更之權利，恕不另行通知。



# MODEL IDENTIFICATION 機型辨識

YL - 12 24 2 / R + B + C + A + S

## 加工尺寸

**1209** : 1220 x 920 mm



**1224** : 2440 x 1220 mm



**1530** : 3060 x 1550 mm



**4812** : 4880 x 1220 mm



**A** : 1220 x 2440 mm

**B** : 1220 x 2440 mm

## 主軸數量

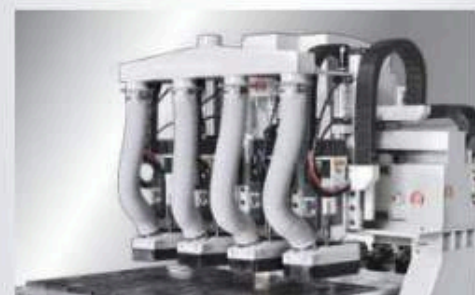
1: 單軸



2: 雙軸



3: 四軸



4: 主軸+排鑽



## 主軸

HSD ES 951 (9kw) 24000 rpm  
單主軸



## 排鑽

9 立鑽+4 側鑽+2 鋸片  
(訂購型號: 9V4H2S)



9 立鑽+8 側鑽  
(訂購型號: 9V8H)



9 立鑽  
(訂購型號: 9V)

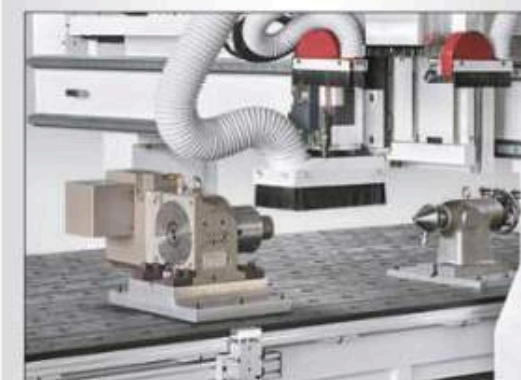


18 立鑽+6 側鑽+1 鋸片  
(訂購型號: 18V6H1S)



## C軸 (第四軸)

可外掛C軸 (第四軸)





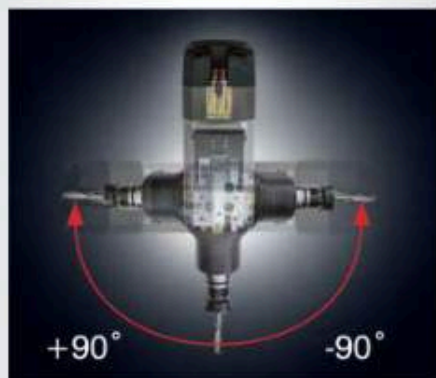
**U** + **L** / **N**

### 角度軸

主軸可垂直或水平進行加工。

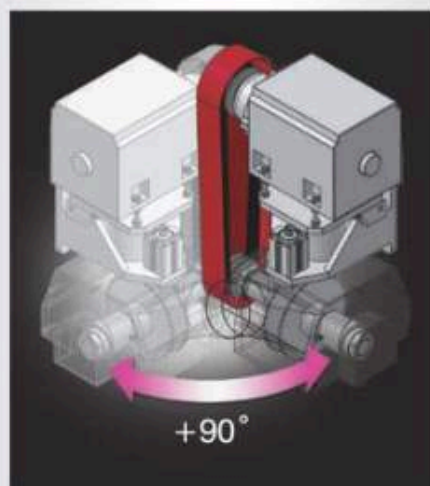


$\pm 90^\circ$  主軸可進行多角度旋轉加工，旋轉角度為正負 90 度。



### 立軸刀

可直向或橫向加工。  
(可安裝立軸刀或鋸片)



### 傘型刀庫



### 直列式刀庫

- 儲刀量：8支或10支刀
- 無刀臂式換刀.
- 可使用 ISO 30 刀柄.



### 油壓升降台

木料入料



### 皮帶式出料輸送台







### HSD高頻主軸 (ES-951)

- HSD高頻主軸之最高主軸轉速可達24000RPM（標準配備）。
- 義大利進口HSD高頻。
- 主軸適用ISO30之刀柄。
- 主軸冷卻為冷氣式。
- 換刀時具有刀桿清潔效果。



### 動柱

- 動柱式結構，可節省機器之佔地面積。
- 雙立柱移動滑道配置線性滑軌，具有最佳剛性與穩定性。

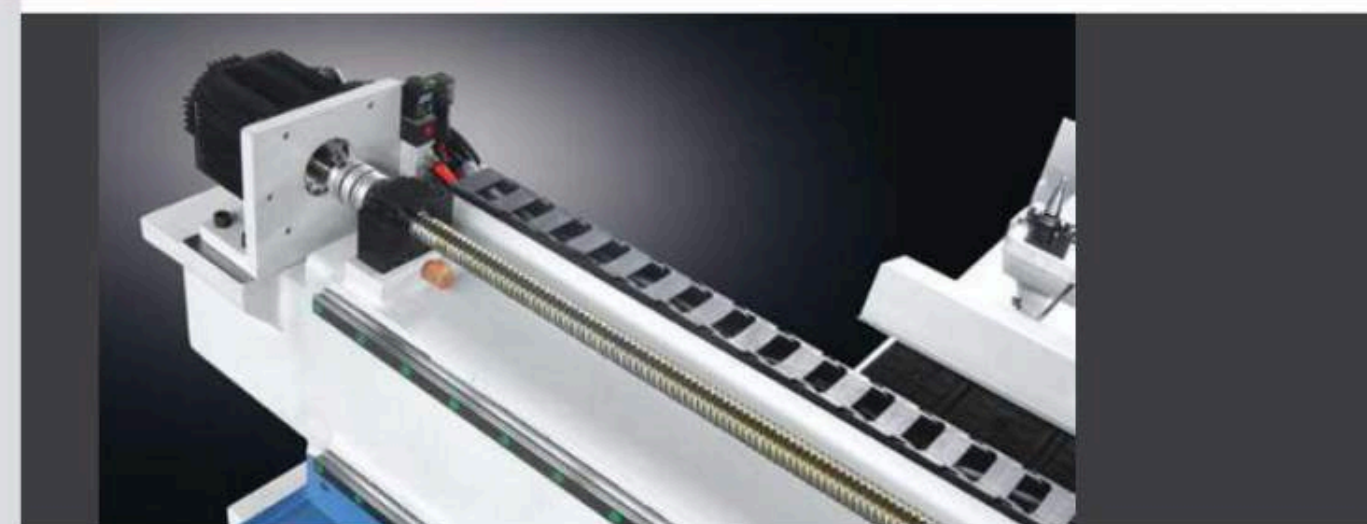


真空壓力錶



### 強力真空產生器

- 搭配電子式檢知開關，以確保工件確實固定。



### 伺服馬達直接驅動

- 伺服馬達經由聯軸器與滾珠螺桿直接驅動，無背隙產生。





### 自動注油器

- 自動注油器可提供所有線性滑軌與螺桿的潤滑，使三軸移動極為順暢。
- 潤滑頻率及潤滑油流量可調整。

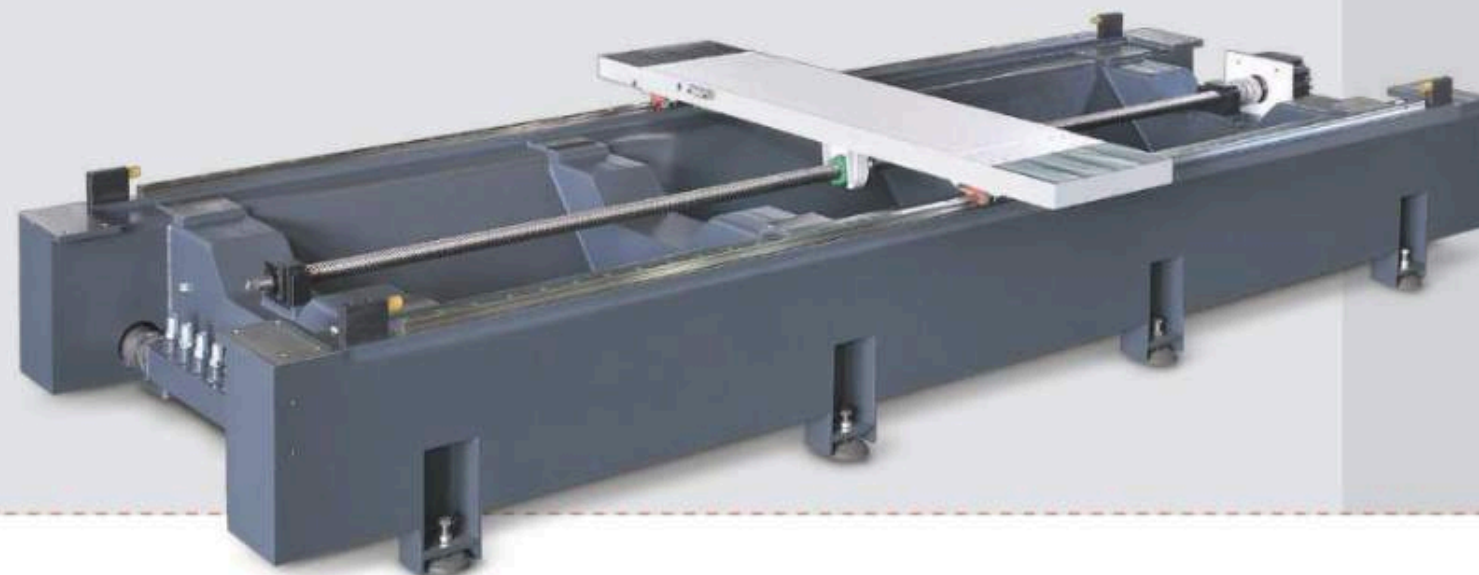


### 穩壓器+變壓器（選配）

- 針對電源電壓不穩定的地區，可加裝穩壓器，以穩定電壓，避免機器停機。
- 本機之標準電壓是220V，其他電壓應經過變壓器轉換成220V。

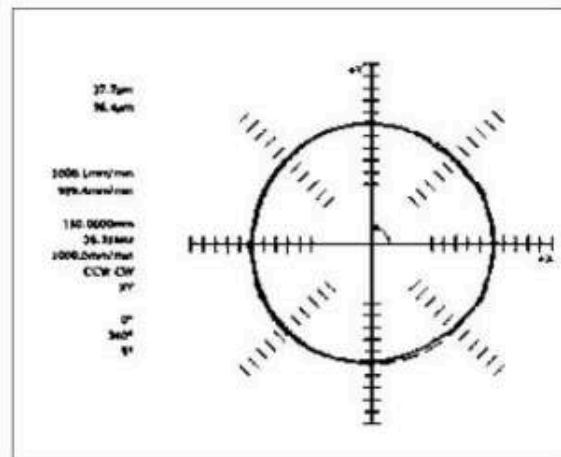
### 穩重的底部結構

- 超大底座結構，提供整機穩定的支撐性能。並且具有最佳結構鋼性與穩定性。
- 底座經回火處理，以消除內應力，確保底座不變形。



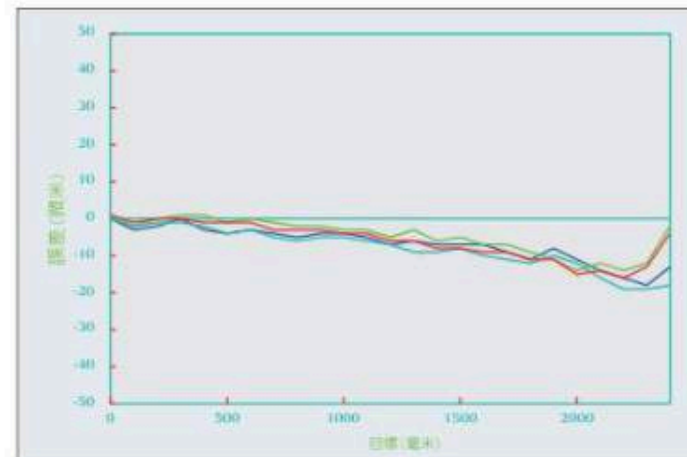
### 手動校刀儀

- 確保加工深度精度：0.01 mm。



### 循圓測試

- 本公司採用循圓測試儀檢測真圓度及幾何進度。
- 真圓度：± 0.02 mm



### 雷射檢驗

- 每部機器均經過雷射檢驗與檢查定位精度、重複精度、螺桿節距誤差、背隙等。
- 全行程定位精度：± 0.03 mm



### 氣壓缸平衡

主軸頭移動採氣壓缸作配重平衡，可有效提升加工穩定性。





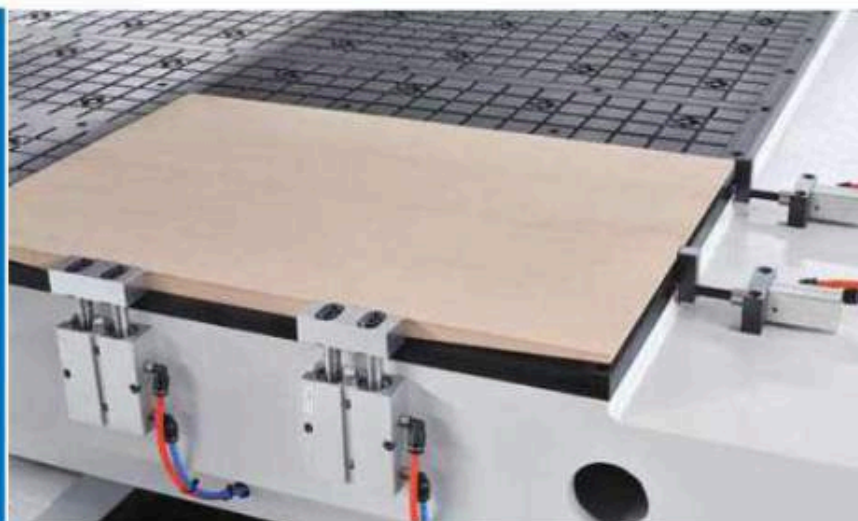
### 斗笠式刀庫

- 刀庫容量：8支刀
- 刀柄規格：ISO30
- 採用日本彈簧，即使是長軸刀頭，換刀時也不會有掉刀問題。
- 刀盤採用鋁合金一體成型。



### 輔助開關

- 本機之出料端裝置一個輔助開關箱，方便操作者於出料端也可操作機器，不需回到主操作箱。
- 四個輔助開關：真空開關、啟動開關、暫停開關、緊急停止開關。



### 板料定位器

- 原點氣壓缸，確保板料定位進度。
- 可重複定位板料，以免除每次加工時都需要重新定位之麻煩。



### 紅外線光柵

- 當機器操作中此光柵可避免人員進入機器作業範圍。如有人員進入範圍內機器將自動停機。



### 手動真空閥切換

- 利用手動真空閥以切換真空吸附區域。



# PC BASE CNC 控制器

## 簡易操作

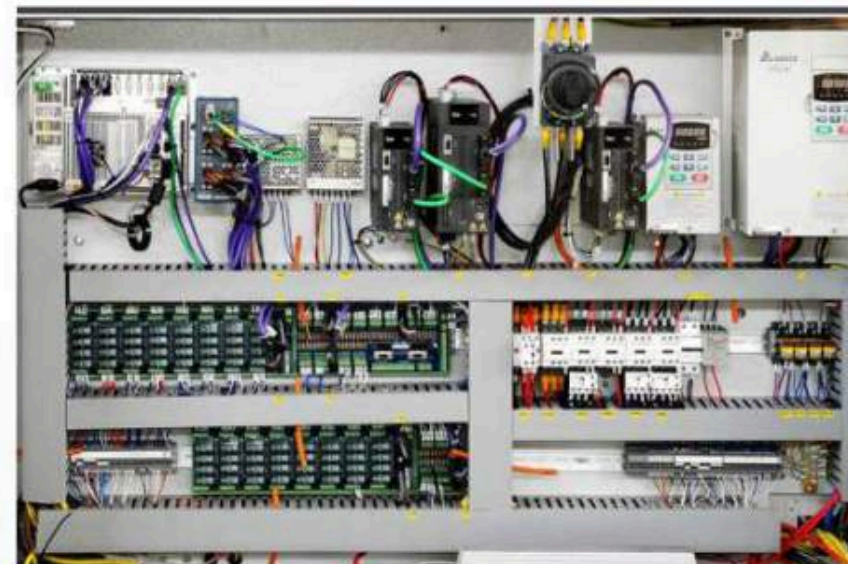
本機搭載功能強勁的PC BASE CNC 控制器

### Windows 作業系統功能

- 開放式人機介面。
- USB 傳輸介面，可經由網路傳送資料。
- 中/英文顯示。
- 高速、高精度。
- 自動加工模式啟動及停止控制。單節程式執行。

### 操作箱

- 可連接滑鼠，提升操作之方便性。
- 採用標準PC鍵盤、滑鼠及螢幕，使操控更方便。



### 先進控制器

- 本機配備新一代10系列CNC控制器。搭配使用台達A2高階伺服馬達，具有高精度加工特色。



### 電腦螢幕

- 中 / 英文畫面顯示。



### 刀具冷卻

主軸旁邊有吹氣管，可直接冷卻刀具。主軸傳動後，吹氣也會自動啟動。



### 主軸負載監控

可隨時監控主軸於加工中之負載狀態。當過載發生時，機器自動停機。



### MPG手輪

- MPG手輪提供試車切削之方便性。其功能可用於控制三軸移動、實際加工測試及三軸進給速度之調整。
- 最小設定單位：0.001mm。



網路連線插孔

USB傳輸插槽

### 各種介面插孔

控制器附有2個插孔，提供網路連線及USB傳輸功能。



# 選購配件

## 多種配件供選擇



貝克真空馬達



橫向銑鋸組



4H四向頭橫銑組



3H側向3頭鑽孔組



萬向銑刀組



CS-2500 油 / 氣潤滑噴霧器



數控機床對刀儀



ISO 30 標準刀桿

ISO 30 成型刀桿

1H1S 側銑鋸片組



5V 直向多孔鑽孔組





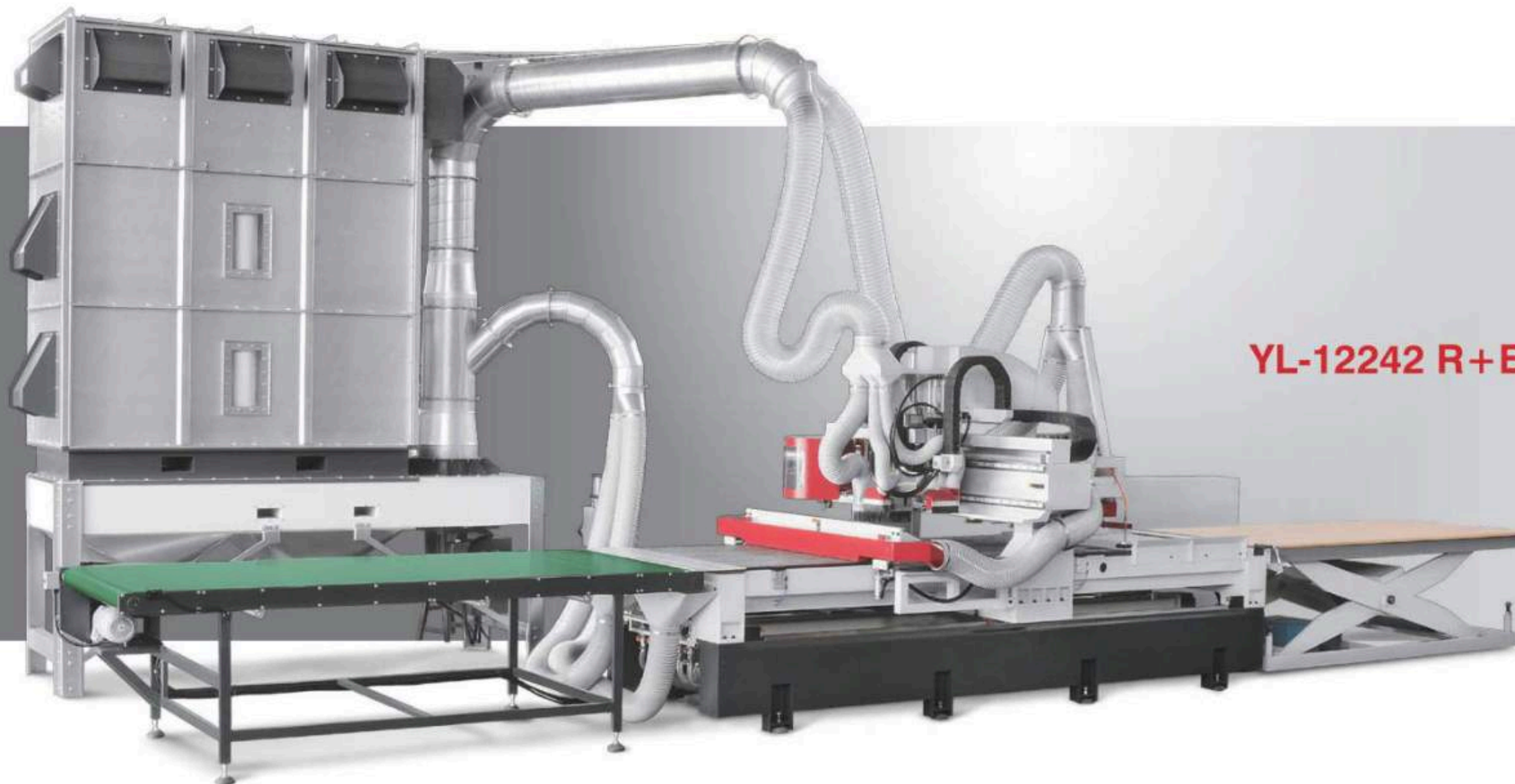
#### 推料機構

- 加工完畢，板料自動推出。
- 推料機附吸塵口。



#### 入料吸盤

- 板料入料採用吸盤入料。
- 6個超大吸盤，直徑130 mm，吸力強勁。



**YL-12242 R+B+U+N**



# DOUBLE COLUMN CNC ROUTER

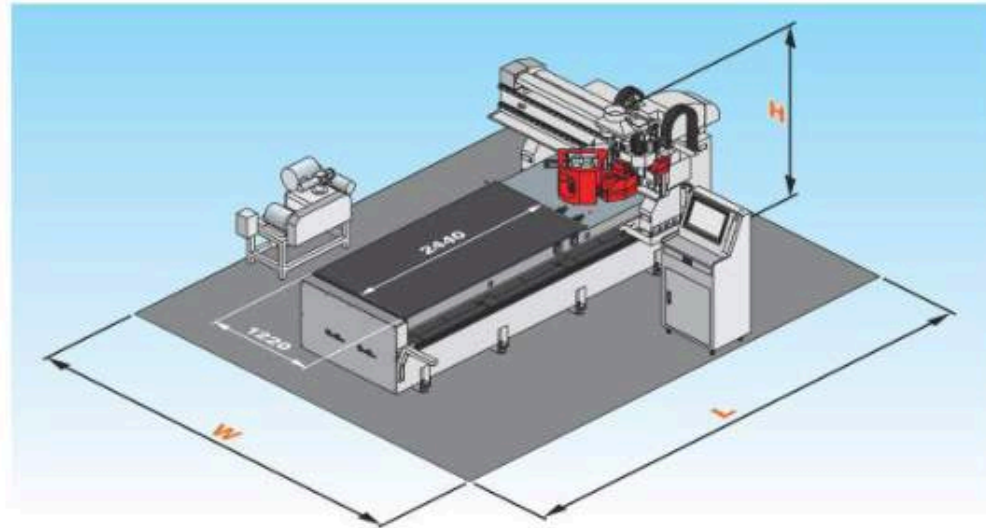
The new generation of double column CNC router from Yuan Lung has won high reputation due to its high speed, high efficiency and high accuracy. The series of CNC router is equipped with a PC based CNC controller, making the machine easy to operate.



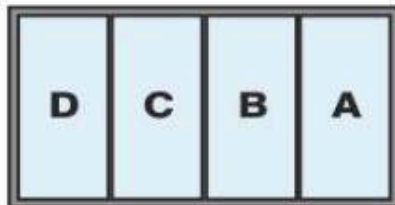
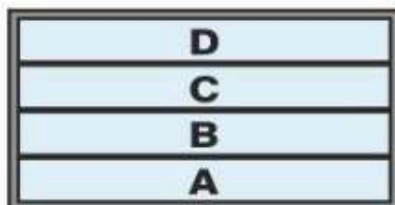
**YL-15302 R+B+U**  
**YL-12242 R+B+U**



## Specifications :



| MODEL                              | YL-12242 R+B+U | YL-15302 R+B+U |
|------------------------------------|----------------|----------------|
| Max. size can be machined on table | 1220 x 2440 mm | 1550 x 3060 mm |
| Length occupied                    | 5500 mm        | 6100 mm        |
| Width occupied                     | 4500 mm        | 4800 mm        |
| Height occupied                    | 2500 mm        | 2500 mm        |



### VACUUM TABLE

- The vacuum table type can be changed to meet customer requirement.
- Vacuum table can be divided into two vacuum areas, so that operator can change parts on one area when other area is used for machining.

| MODEL       |                               | YL-12242 R+B+U                   | YL-15302 R+B+U                   |
|-------------|-------------------------------|----------------------------------|----------------------------------|
| Capacity    | Max. workpiece sizes          | 4' x 8' feet                     | 5' x 10' feet                    |
|             |                               |                                  |                                  |
| Travel      | X-axis travel                 | 1720 mm                          | 2020 mm                          |
|             | Y-axis travel                 | 2870 mm                          | 3400 mm                          |
|             | Z-axis travel                 | 280 mm                           | 280 mm                           |
|             | Spindle nose to table         | 210 mm                           | 210 mm                           |
|             | Distance between columns      | 1387 mm                          | 1700 mm                          |
| Table       | Table area                    | 1220 x 2440 mm                   | 1550 x 3060 mm                   |
| Feed Rate   | Cutting feed rate             | 8 M/min                          | 8 M/min                          |
|             | X-axis rapid traverse         | 40 M/min                         | 40 M/min                         |
|             | Y-axis rapid traverse         | 40 M/min                         | 40 M/min                         |
|             | Z-axis rapid traverse         | 10 M/min                         | 10 M/min                         |
| Spindle     | Spindle speed (Variable)      | 1,000~24,000 rpm                 | 1,000~24,000 rpm                 |
|             | Spindle taper                 | ISO 30                           | ISO 30                           |
| ATC         | Magazine type                 | Umbrella type                    | Umbrella type                    |
|             | Tool shank                    | ER 32                            | ER 32                            |
|             | Tool numbers                  | 8 pcs                            | 8 pcs                            |
|             | Shelf                         | 8 pcs                            | 8 pcs                            |
|             | Collect                       | 8 pcs                            | 8 pcs                            |
| Cutter      | Router bit sizes              | 3~80 mm                          | 3~80 mm                          |
|             | Collet sizes                  | 3~20 mm                          | 3~20 mm                          |
| Boring unit | Power                         | 2.5 HP boring unit 9V+4H+2S      | 2.5 HP boring unit 9V+4H+2S      |
|             | Vertical spindles             | 9 pcs (5 in X-axis, 4 in Y-axis) | 9 pcs (5 in X-axis, 4 in Y-axis) |
|             | Horizontal spindles           | 4 pcs (2 in X-axis, 2 in Y-axis) | 4 pcs (2 in X-axis, 2 in Y-axis) |
|             | Max. saw blade ø120 mm        | 2 pcs (1 in X-axis, 1 in Y-axis) | 2 pcs (1 in X-axis, 1 in Y-axis) |
| Motor       | Spindle motor (Made in Italy) | 9 Kw x 1                         | 9 Kw x 1                         |
|             | X -axis motor                 | 1.5 Kw                           | 1.5 Kw                           |
|             | Y -axis motor                 | 2 Kw                             | 2 Kw                             |
|             | Z -axis motor                 | 2 Kw                             | 2 Kw                             |
|             | Vacuum pump motor             | 10 HP                            | 10 HP                            |
| Others      | Air pressure required         | 6 Kgf/cm <sup>2</sup>            | 6 Kgf/cm <sup>2</sup>            |
|             | Packing Dimensions (LxWxH)    | 2300 x 5360 x 2250 mm            | 2300 x 5840 x 2200 mm            |
|             | N.W.                          | 5500 kg                          | 5800 kg                          |
|             | G.W.                          | 6000 kg                          | 6300 kg                          |

• Dimensions and design characteristics shown on this catalog are subject to change without prior notice.



# MODEL IDENTIFICATION

YL - 12 24 2 / R + B + C + A + S

## Machining Size

**1209** : 1220 x 920 mm



**1224** : 2440 x 1220 mm



**1530** : 3060 x 1550 mm



**4812** : 4880 x 1220 mm



**A** : 1220 x 2440 mm

**B** : 1220 x 2440 mm

## Spindle Q'ty

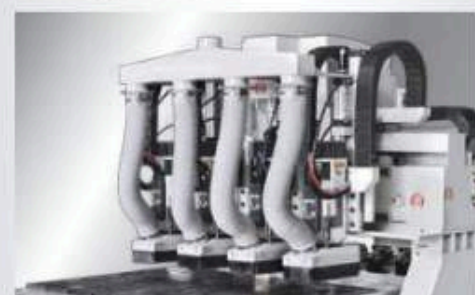
1: Single spindle



2: Double spindles



3: 4 Spindles



4: Spindle+line boring unit



## Spindle

HSD ES 951 (9 kw) 24000 rpm  
Single spindle



## Line Boring Unit

9 vertical boring units+4 hori.  
boring units +2 sawblades  
(order code: 9V4H2S)



9 vertical boring units+8 hori.  
boring units (order code: 9V8H)



9 vertical boring units  
(order code: 9V)

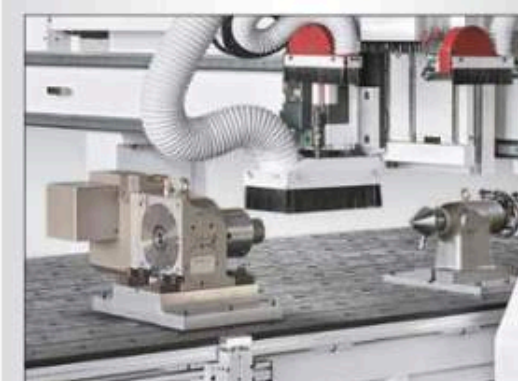


18 vertical boring units+6 horizontal  
boring units+1 sawblade  
(order code: 18V6H1S)



## C-Axis (4th Axis)

Available to equip with C-axis  
(4th axis)





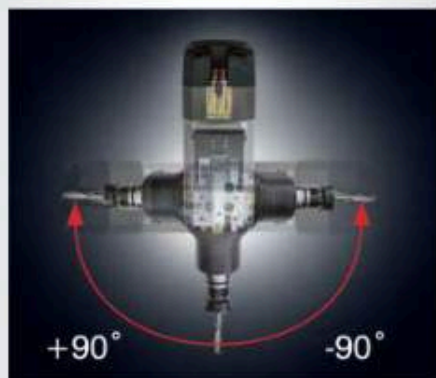
/ **U** + **L** / **N**

### Angular Axis

The spindle can be rotated to a vertical or horizontal position for machining.

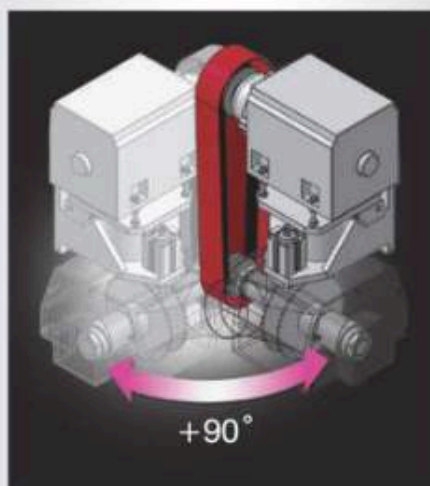


The Spindle can be rotated to various angles for machining with rotating range  $\pm 90^\circ$



### Spindle Shaper

Allows for vertical or horizontal machining. (Suitable for fitting with shaper cutter or sawblade)



### Umbrella Type Tool Magazine



### Linear Magazine

- Tool loading capacity 8 or 10 tools.
- Armless type tool change.
- Accommodates ISO 30 tool shank.



### Hydraulic Lifting Table

For material infeed.



### Belt Type Outfeed Conveyor Table







### HSD HIGH-FREQUENCY SPINDLE (ES-951)

- The HSD high-frequency spindle provides a maximum speed up to 24,000 RPM as standard.
- Italian-imported HSD high frequency spindle.
- The spindle accepts ISO 30 tool shank.
- The spindle is air cooled.
- It provides tool shank cleaning effect when changing tool.



### MOVING COLUMNS

- The moving-columns structure greatly saves occupied area of the machine.
- The double columns move on heavy-duty linear guide ways, featuring great rigidity and stability.

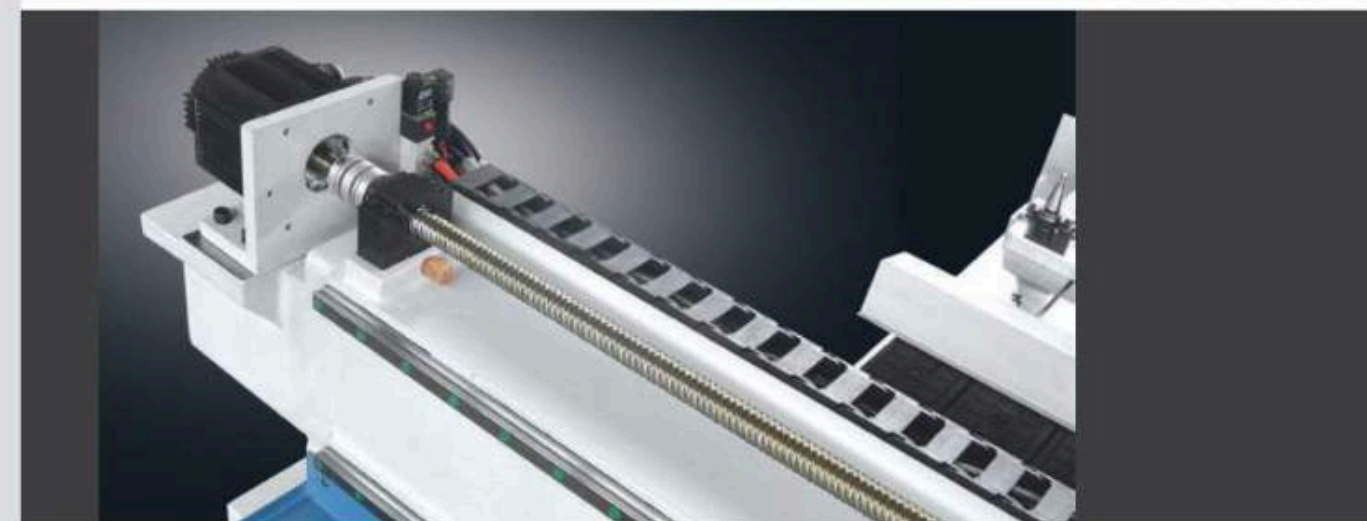


**VACUUM PRESSURE METER**



### POWERFUL VACUUM GENERATOR

Equipped with an electronic detection switch to make sure the workpieces have been fixed securely.



### DIRECT DRIVE OF SERVO MOTOR

The servo motor directly drives the ball screw and is transmitted through a coupling for backlash free transmission.





### AUTOMATIC LUBRICATOR

- The automatic lubricator delivers lubrication oil to all slideways and feed screws, resulting in extremely smooth movements on 3 axes.
- Lubrication frequency and oil flow may be adjusted as desired.

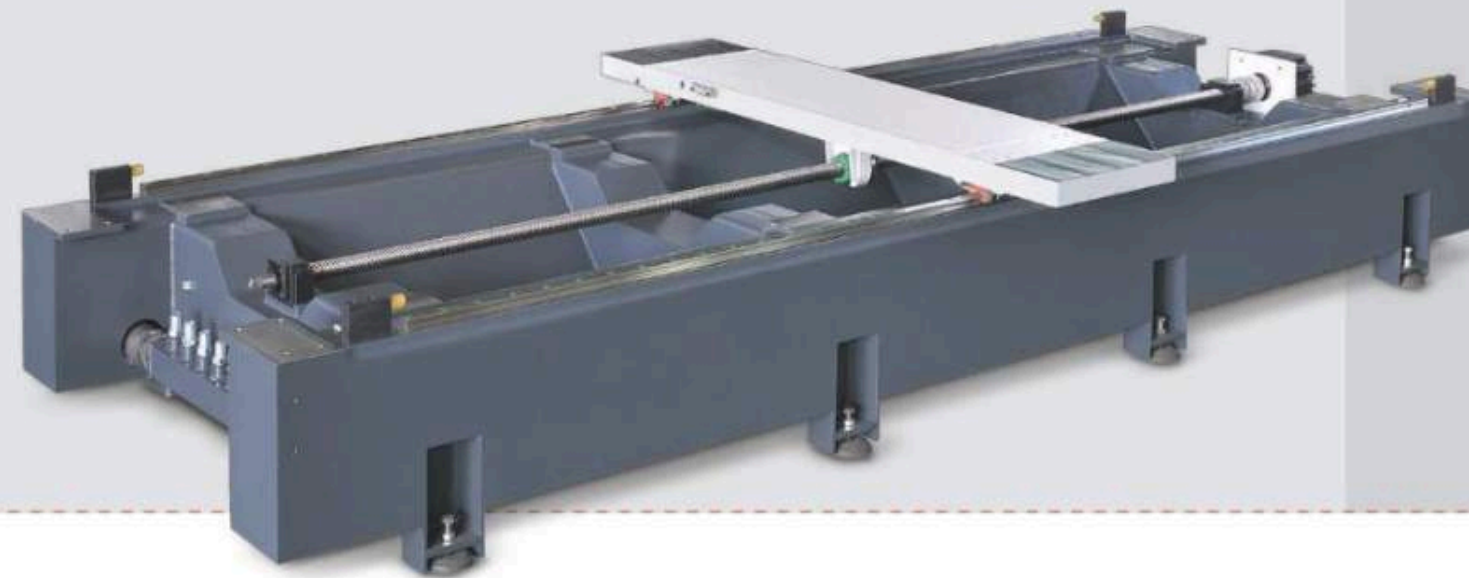


### VOLTAGE STABILIZER +TRANSFORMER (Optional)

- For some areas where voltage from power source is unstable, the voltage stabilizer is recommended to stabilize voltage and prevent machine shut down.
- The standard voltage for this machine is 220V. Other voltages should be converted to 220V through the transformer.

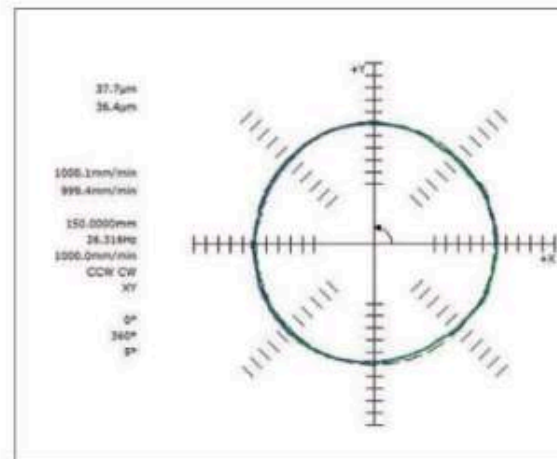
### MASSIVE BASE CONSTRUCTION

- The exclusively designed extra large base structure provides a solid support for the entire machine. This design also features the optimal rigidity and stability of structure.
- The base is tempered to relieve internal stress, ensuring that the base is deformation free.



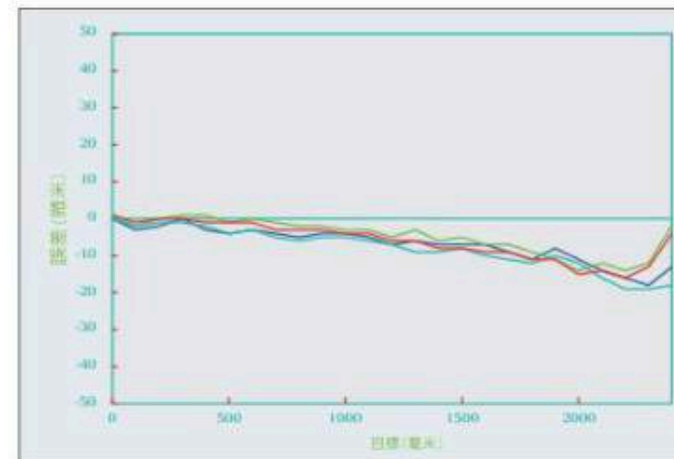
### MANUAL TOOL ALIGNMENT DEVICE

This device will ensure cutting depth accuracy to reach 0.01 mm.



### BALL BAR TESTING

- A ball bar testing equipment is applied to inspect circularity and geometric accuracy.
- Circularity:  $\pm 0.02$  mm.



### LASER INSPECTION

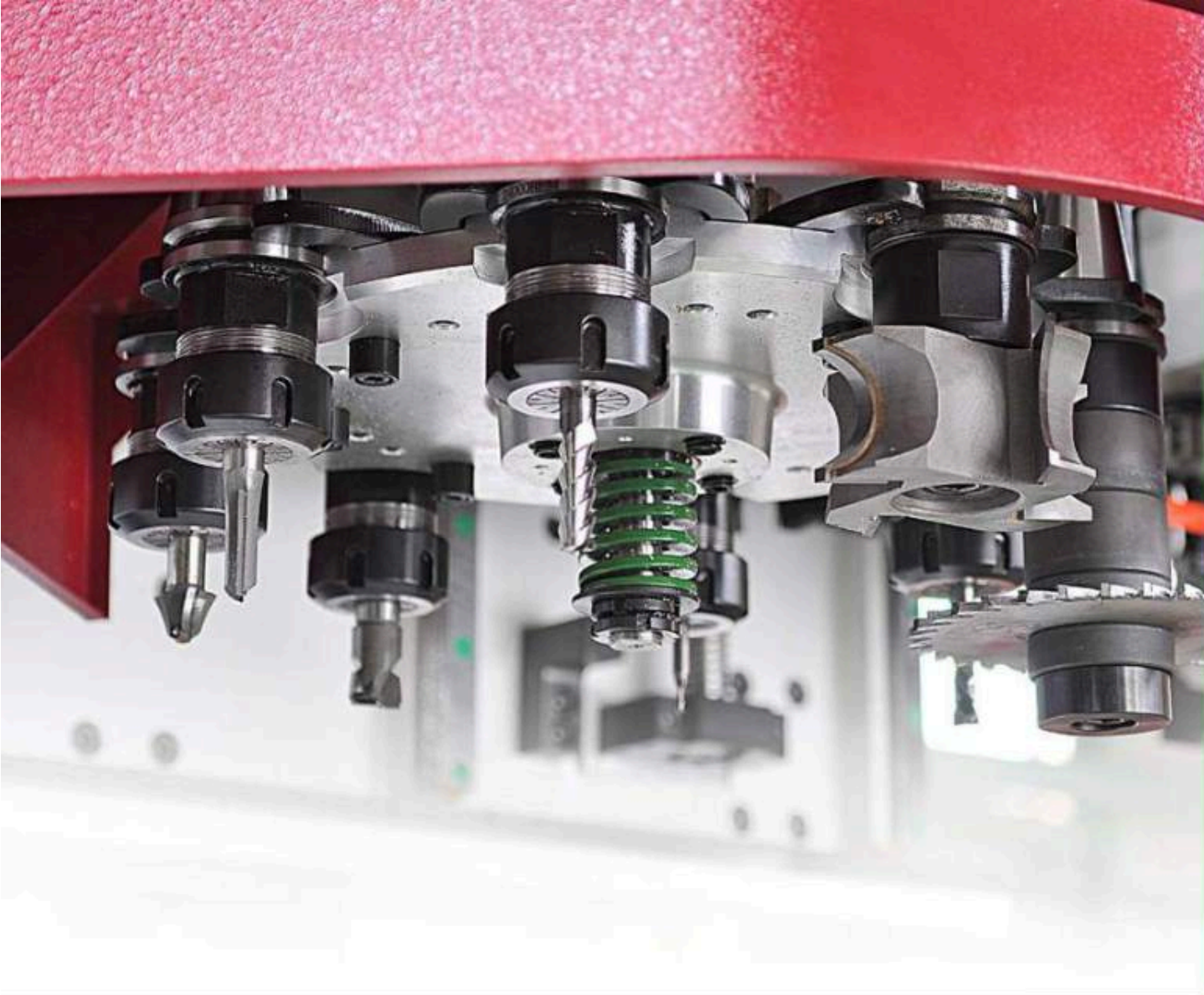
- Each machine is subject to laser inspections for positioning accuracy, repeatability, screw pitch error and backlash.
- Full travel positioning accuracy:  $\pm 0.03$  mm.



### AIR CYLINDER COUNTER-BALANCE

The spindle head is counter-balanced by an air cylinder which upgrades machining stability and accuracy.





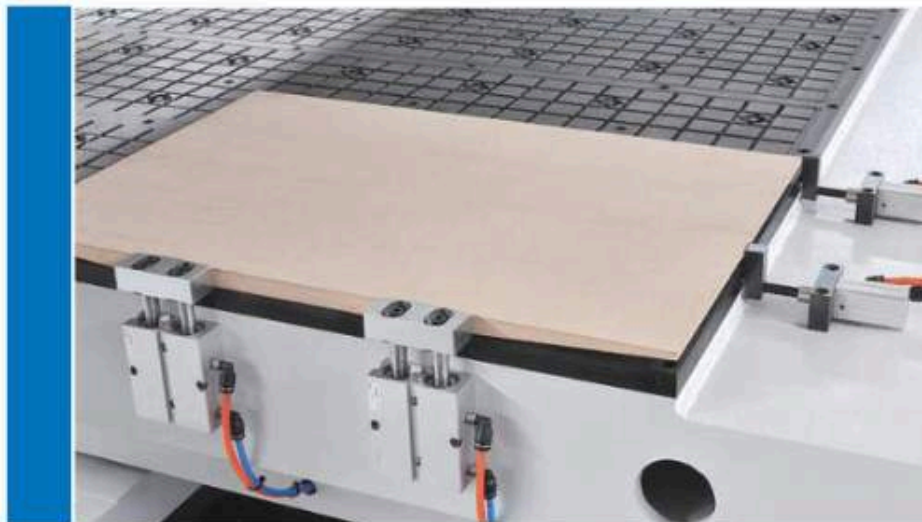
### CAROUSEL TYPE TOOL MAGAZINE

- Tool loading capacity: 8 tools.
- Tool shank: ISO 30
- With the use of Japanese made spring, even for a long cutterhead, it will not fall when performing tool change.
- Tool disk is one-piece fabricated from aluminum alloy.



### AUXILIARY SWITCHES

- The outfeed end of the machine is equipped with an auxiliary switch box, making it convenient for operator to operate the machine at the outfeed end without need to return to the main operation box.
- 4 auxiliary switches including: vacuum switch, cycle start switch, feed hold switch and emergency stop switch.



### PANEL POSITIONING PIECE

- Air change at home point allows panel to position accurately.
- Repetitive panel positioning eliminates troublesome panel repositioning.



### INFRARED RAY OPTICAL GRATING

During the machine is running, the optical grating is used to prevent any personnel from entering into the working range of the machine. If a person enters into the range, the machine will shut down automatically.



### MANUAL CHANGE OF VACUUM VALVE

To change the vacuum suction area by means of manual vacuum valve.



# PC Based CNC Control

## User-Friendly Operation

The machine is equipped with a PC based CNC control with powerful functions.

### Functions of Windows CE System

- Open type human-machine interfacing.
- USB transfer interface allows for transferring data through internet.
- Chinese / English display.
- High speed and high accuracy.
- Start and stop control for automatic machining cycle and single block execution.



### CONTROL BOX

- Provides connection of mouse for operation convenience.
- Use of general standard PC keypad, mouse and screen for increasing convenience of operation.



### ADVANCED CONTROLLER

- This machine is equipped with a new generation of 10 series CNC controller in combination with the use of Delta A2 high performance servo motor, providing high precision machining performance.



### COMPUTER SCREEN

- It provides Chinese and English display.



### CUTTING TOOL COOLING

An air blow tube is equipped at the side of the spindle, which provides direct cooling on the cutting tool. Once the spindle starts running, air blow starts automatically.



### SPINDLE LOAD MONITORING

This function allows for monitoring the spindle load status at any time during cutting. In case overload occurs, the machine stops automatically.



### MPG HANDWHEEL

- The MPG handwheel provides convenient cutting. It is used to move 3 axis, actual cutting test and 3 axis feed speeds adjustment.
- Minimum setting unit: 0.001 mm.



INTERNET  
ONLINE PORT

USB TRANSFER  
PORT

### VARIOUS ADVANCED INTERFACES

The controller is provided with two ports for online with internet and features USB transfer function.



# Optional Equipment

A wide range of equipment to select



VACUUM MOTOR



HORIZONTAL  
SAWBLADE  
ASSEMBLY



4H 4-DIRECTION  
HORIZONTAL  
MILLING  
ASSEMBLY



3H 3-SPINDLE  
BORING UNIT



UNIVERSAL  
MILLING  
HEAD



CS-2500 OIL MIST SPRAYER



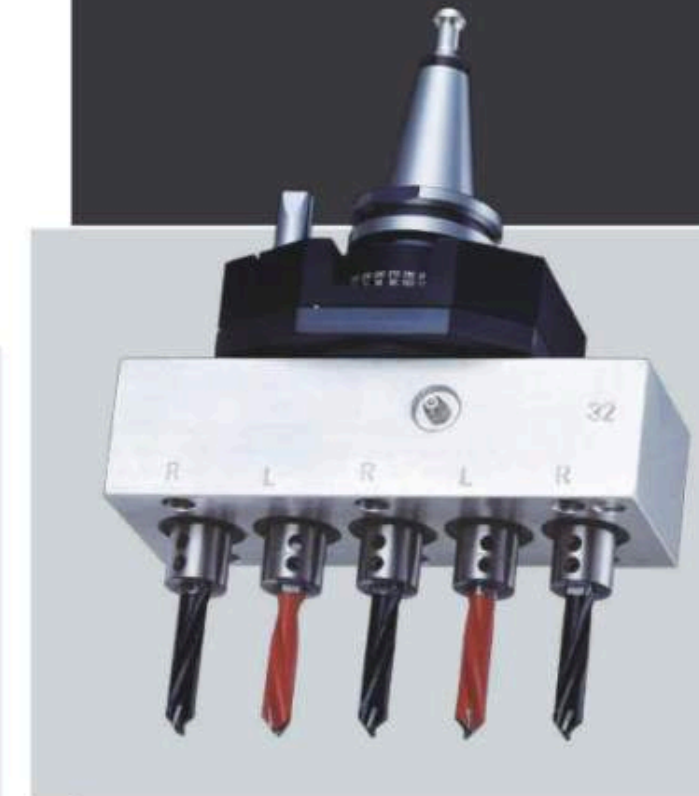
TOOL ALIGNMENT  
DEVICE FOR CNC  
MACHINE



ISO 30  
STANDARD  
TOOL ARBOR

ISO 30  
MOULDING  
TOOL ARBOR

1H1S SIDE  
SAWBLADE  
ASSEMBLY



5V LINEAR MULTI-  
SPINDLE BORING  
UNIT





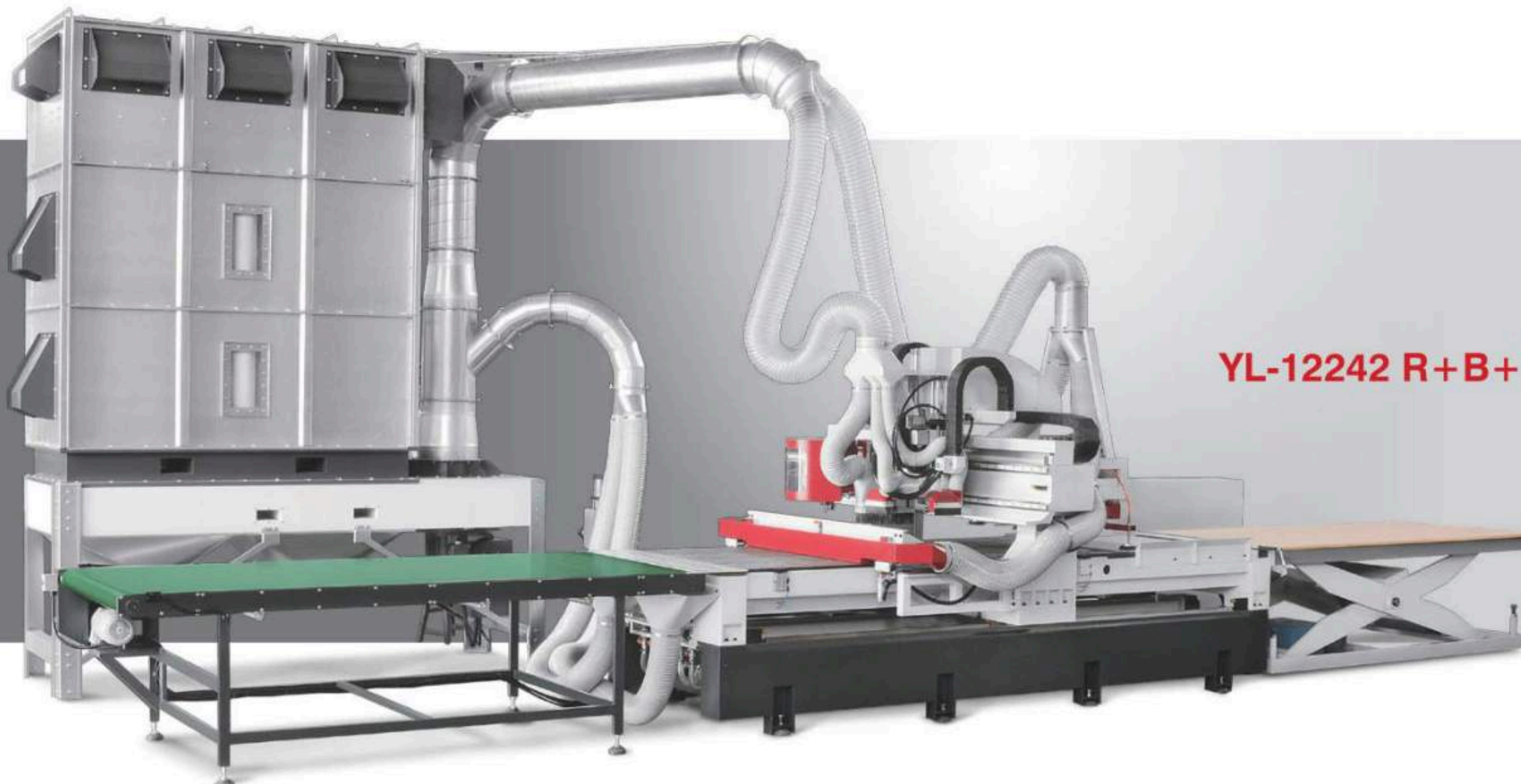
### PANEL OUTFEED MECHANISM

- After machining, the panel is pushed out automatically.
- The panel outfeed mechanism is equipped with dust suction hood.



### SUCTION CUPS FOR PANEL INFEEED

- The panel infeed is operated by vacuum suction cups.
- Equipped with 6 oversized suction cups with diameter of  $\varnothing 130$  mm, providing powerful suction capacity.



**YL-12242 R+B+U+N**





YUAN LUNG

元隆精密機械廠  
蒼隆工業有限公司

台灣 台中市神岡區豐洲路 1166 號

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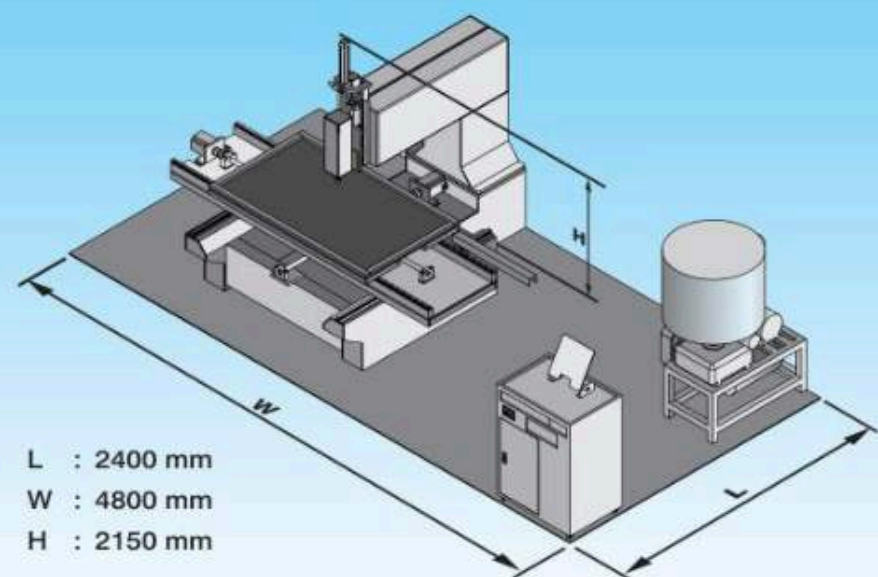
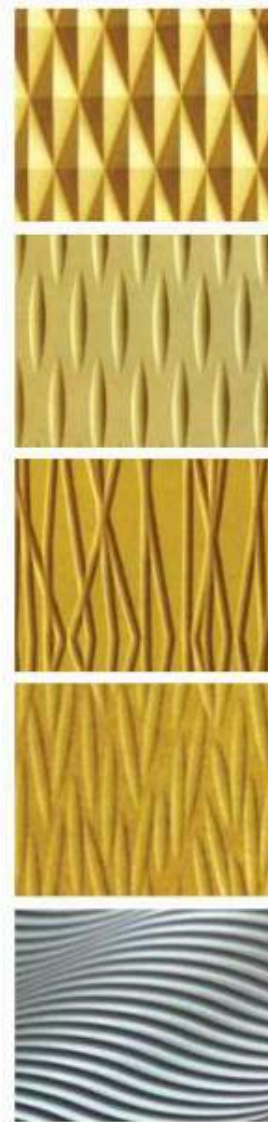
<http://www.yuanlung.com.tw>

<https://www.routmac.com>



| MODEL     |                               | YL-1509               |
|-----------|-------------------------------|-----------------------|
| Capacity  | Max. workpiece sizes          | 5 x 3 feet            |
| Travel    | X-axis travel                 | 1500 mm               |
|           | Y-axis travel                 | 900 mm                |
|           | Z-axis travel                 | 230 mm                |
|           | Spindle nose to table         | 235 mm                |
|           | Spindle center to column face | 950 mm                |
| Table     | Table sizes                   | 900x1500 mm           |
| Feed Rate | Cutting feed rate             | 6 M/min               |
|           | X-axis rapid traverse         | 16 M/min              |
|           | Y-axis rapid traverse         | 16 M/min              |
|           | Z-axis rapid traverse         | 8 M/min               |
| Spindle   | Spindle speed (Variable)      | 1000~18,000 rpm       |
|           | Spindle taper                 | ER 32                 |
|           | Collet sizes                  | 3~20 mm               |
| Motor     | Spindle motor                 | 7 Kw                  |
|           | X-axis motor                  | 1 Kw                  |
|           | Y-axis motor                  | 1.5 Kw                |
|           | Z-axis motor(With brake)      | 0.75 Kw               |
|           | Vacuum pump motor             | 5 HP                  |
| Others    | Air pressure required         | 6 Kgf/cm <sup>2</sup> |
|           | Machine size (LxWxH)          | 2300x3200x2200 mm     |
|           | Packing dimensions (LxWxH)    | 2520x2280x1800 mm     |
|           | N.W. / G.W.                   | 2000 / 2200 kg        |

• Dimensions and design characteristics shown on this catalog are subject to change without prior notice.



**YUAN LUNG MACHINERY WORKS.  
ROUTMAC INDUSTRY CO., LTD.**

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# CNC ROUTER

**Manual Tool Change !  
PC Based CNC Control !  
18,000 RPM Spindle Speed !**

# YUAN LUNG



**YUAN LUNG MACHINERY WORKS.  
ROUTMAC INDUSTRY CO., LTD.**



# CNC Router

*Advanced CNC Router Designed to Dramatically Increase Your Machining Efficiency !*



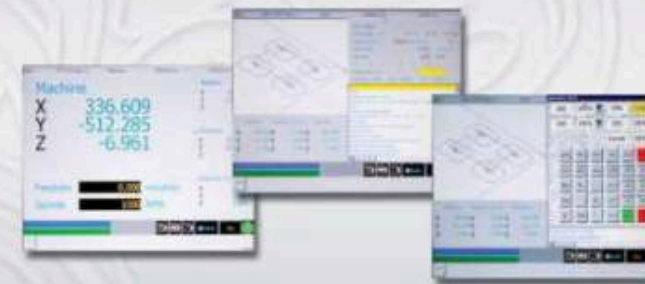
**YL-1509**

## PC BASED CNC CONTROL USER-FRIENDLY OPERATION

- The machine is equipped with a PC based CNC control with powerful functions .
- Advanced window CE operation system.
- The CNC control can be online with internet and accomodates USB transfer interface.

## FUNCTIONS OF WINDOWS CE SYSTEM

- USB transfer interface.
- Open type human-machine interfacing.
- Data transfer through internet.
- Multi-language display.
- High speed and high accuracy.



## POWERFUL VACUUM GENERATOR

The vacuum generator provides extra powerful vacuum for the table, that holds workpiece securely during machining.

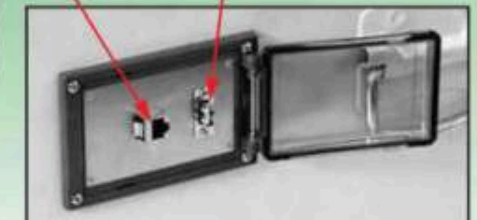


## CONTROL PANEL

- Provides connection of mouse for operation control, that increases operational convenience.
- Start and stop controls for automatic cycle and single-block execution.

## INTERNET ONLINE PORT

## USB TRANSFER PORT



## VARIOUS ADVANCED INTERFACES

The controller is provided with two ports for online with internet and features USB transfer function.



## AUTOMATIC LUBRICATOR

- The automatic lubricator delivers lubrication oil to all slideways, resulting in extremely smooth movements on 3 axes.
- Lubrication frequency and oil flow may be adjusted as desired.



## DEPENDABLE CONTROL CIRCUIT

The control circuit uses high quality electronic parts, that feature maximum dependability of motion controls and long service life.

## VARIABLE SPINDLE SPEED BY FREQUENCY INVERTER CONTROL

- The spindle running is controlled by a frequency inverter, allowing for variable speed change.
- Wide spindle speed range from 1000 to 18,000 RPM makes the machine ideal for cutting various types of wood material.



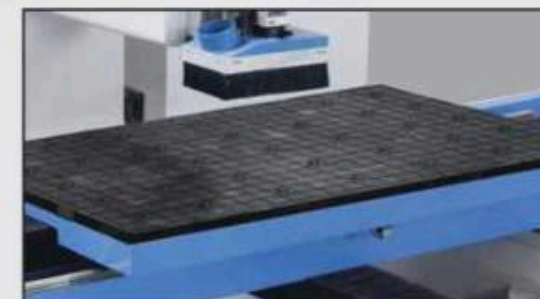
## HSD HIGH-FREQUENCY SPINDLE

- The HSD high-frequency spindle provides a maximum speed up to 18,000 RPM as standard.
- The spindle accepts ER 32 tool shank.
- Equipped with air cooling unit.



## DIRECT-DRIVE BALL SCREW ON X/Y/Z-AXIS

- The X/Y/Z-axis ball screw is directly driven by a servomotor, which eliminates backlash problem while providing positive transmission effect.
- A coupling is equipped between the servo motor and the ball screw, that provides accurate transmission of the desired motion produced by the servo motor.



## VACUUM SUCTION TABLE

- The table is fitted with a compact board drilled with holes for vacuum suction.
- The positions of vacuum suction holes can be drilled according to customer's workpiece types.



## VACUUM PRESSURE METER

A vacuum pressure meter is provided at the front of the table for checking vacuum pressure. The machine does not operate until the vacuum pressure reaches the setting value.





YL-3015 PTP

## 動柱式移動檯面 MOVING BRIDGE CONSOLE TABLE

### 產品特性

#### Product characteristics

- 本機可以不停機換料加工，有左右雙面雙工位及四工位供選擇，其優點為效率高，五面鑽孔，自動排屑  
Unfailing work piece processing, two-station working table and four-station working table choose by customer. Five sides diling, Automatic chip removal.
- 精密氣排鑽可輕鬆解決立鑽、側鑽、槽鑽等加工問題。  
Precision gas drilling row drilling legislation can be easily resolved, lateral drilling, sawing and other processing problems trough.
- 訂製化廚櫃、衣櫃、酒櫃、視聽櫃等專業數控鑽機械。  
Custom of kitchen wardrobe, wine, and other professional audio-visual cabinet CNC drilling machine.



## 動柱式移動檯面 MOVING BRIDGE CONSOLE TABLE

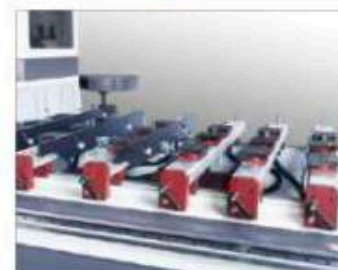


### 木屑輸送皮帶機

機台配置木屑粉塵輸送機，可將加工後殘餘料自動排出。

### Sawdust belt

conveyor Machine Configuration wood dust conveyor, the residual material can beprocessed automatically discharged .



### PTP 真空吸附台

六組移動式真空吸附台，左右區四工位的加工設計。

### PTP vacuum table

Six group of mobile vacuum adsorption table. Four - station working table designed.



### 離心式真空泵

4.8kw-140m³/h 排氣量的離心式真空泵，並配置可透視過濾器及真空破壞功能。

### Centrifugal pumps

4.8kw-140m³/h centrifugal pumps, Matched perspective filter and vacuum breaking function.

### PC Based CNC 控制介面



採用 SYNTEC 新代控制系統，友善簡易操作介面

多功能人機模組化圖示加工參數。

Equipped with a SYNTEC control system with user-friendly and easy to operate interface. Multi-function modular graphic machining parameters.

### 主要功能 MAJOR FUNCTIONS:

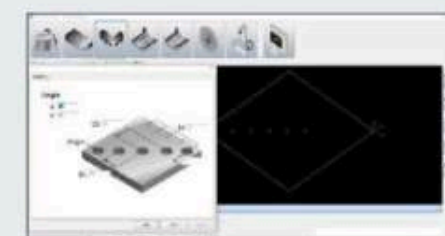
- 工作六面體選擇介面 Hexahedron selection interface
- 鑽孔加工介面 Drilling interface.
- 側邊加工介面 Edge machining interface.
- 袋銑加工介面 Pocket milling interface
- 鋸切加工介面 Sawing interface

### Windows 作業系統功能 FUNCTIONS OF WINDOWS OPERATION SYSTEM:

- 開放式人機介面。Open type human-machine interfacing
- USB 傳輸介面，可經由網路傳送資料。  
USB transfer interface provides data transfer through internet.
- 提供中 / 英文顯示 Chinese/English display.
- 高速、高精度。High speed, high accuracy.
- 自動加工模式啟動及停止控制。單節程式執行。  
Automatic machining mode start and stop control. Single block execution.

### 機械規格 Specifications YL-3015 PTP

|                       |                                              |
|-----------------------|----------------------------------------------|
| 真空吸附台<br>Vacuum table | 吸附台 Table size: 1500mm x 6pcs                |
|                       | 真空吸盤 Pods: 135x135x50mm x 24pcs              |
|                       | 前定位氣缸 Front stops: 6pcs                      |
|                       | 中間定位氣缸 Intermedia stops: 6pcs                |
|                       | 移動式定位氣缸 Positioning air cylinder: 4pcs       |
| 位移速度<br>Rapid speed   | 支撐板上下機構 Panel lifting blades: 6pcs           |
|                       | 加工範圍 Working area: 3000x1500mm               |
|                       | xaxg 軸 -3570mm. Y 軸 -1800mm. Z 軸 -370mm      |
| 動力<br>Main power      | 工件高度 Working height: 200mm                   |
|                       | 主軸功率 Spindle power: 9.6KW ISO30              |
|                       | 真空泵 Vacuum pump: 4.8kw-140m³/h               |
| 位移速度<br>Rapid speed   | 氣排鑽 Pneumatic line boring head: 9V4H2S 2.5HP |
|                       | X&Y 軸 -80M/min                               |
|                       | Z 軸 -20M/min                                 |
| 機械尺寸 Dimensions       | 面積 Area: 5300x5250x2500mm                    |
|                       | 淨重 Net weight: 4500kg                        |



• 多孔排鑽加工  
MULTIPLE HOLES LINE BORING



• 三合一加工 (KD 孔加工)  
THREE IN ONE MACHINING  
(KD HOLE MACHINING)



元隆精密機械廠 / 蒼隆工業有限公司  
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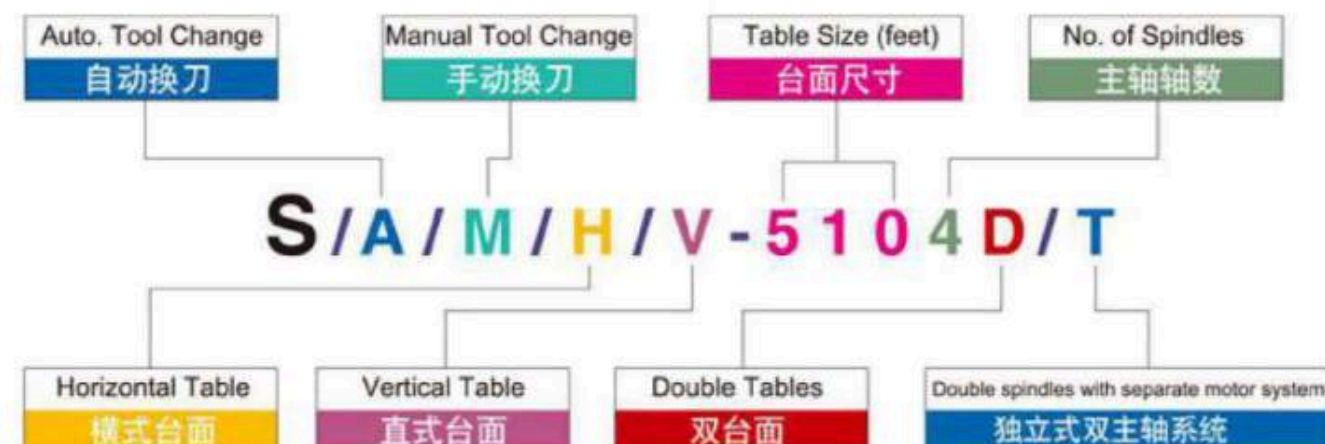


## CNC 非金属电脑加工中心机 CNC NON-METAL MACHINING CENTER



www.routmac.com

## 机型编号介绍 Introduction for Model of machine



## 机械特性 FEATURES OF MACHINING



手动换刀四主轴及单台面

MANUAL TOOL CHANGE 4 SPINDLES AND ONE TABLE

适合简单量产的加工组合，主轴数可扩充至八主轴设计。

Suitable for simple and mass production. This design may expand to 8 spindles.

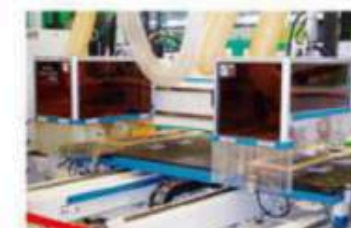


自动换刀四主轴及双台面

AUTOMATIC TOOL CHANGE 4 SPINDLES AND TWO TABLES

适合复杂量产的加工组合，主轴数可扩充至六主轴设计，双台面一边加工一边换料，节省人工换料时间。

Suitable for complicated, mass production. This design may expand to 6 spindles. Also when one table is working, the other table may feed in material at same time to save changing material time.



独立式双主轴

TWO INDEPENDENT SPINDLES

适合左右对称及相同产品的加工组合，伺服轴数有XYZWU五轴连动，可搭配双台面同时加工左右不同工件的生产方式。

Suitable for processing two same type work pieces and bilateral symmetry work pieces. Besides, servo axes have X Y X W U total 5 axes interpolation. In two working table design, it can process two different type work pieces at same time.



同动式双主轴

INTERPOLATION TWO SPINDLES

适合相同产品的加工组合，伺服轴数有XYZ三轴连动，可搭配双台面一边加工一边换料的生产方式。

Suitable for same type work pieces processing combination. Servo axes has X Y Z interpolation. In Two working table, processing can be on one table and changing material on the other table.



Y轴辅助导轨

Y AXIS AUXILIARY GUIDE WAY

工作台左右加装两轴辅助导轨，可提高快速位移时的稳定性及防止工作台的变形。

Install two sets of auxiliary guide ways on both sides of working table may increase the stability of rapid moving and prevent working table changing type.



雷射真直度检测

LASER CORRECT REALLY STRAIGHT

大型机加工件经过精密雷射真直度仪器检测确认，以确保机械的组装精度。

In big size machine, when machine parts corrected by laser really straight device, the assembly precision is assured.

www.routmac.com

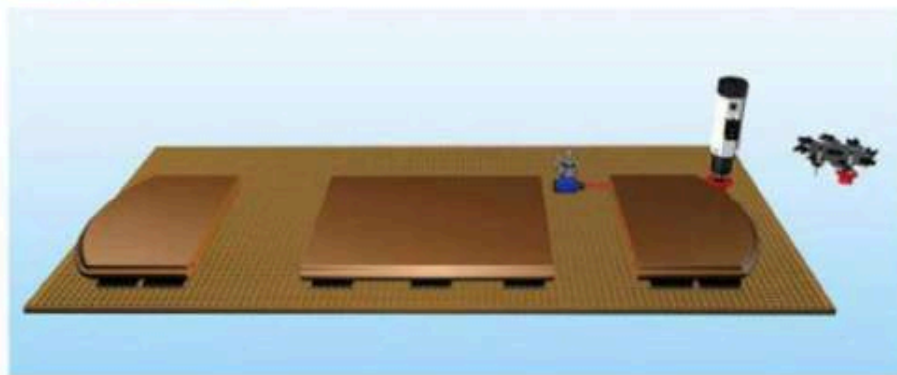


## YL-SAH-681

Transverse nesting table



3D模拟加工效果图



加工范例



### 机械特性

- 适合低产量多样化的生产模式，属于经济重切削的加工设备。
- 工作台可整张大板直接吸附加工，不需经过任何裁切的备料动作。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 适合加工实木餐桌椅、茶几桌、床头板、办公桌等。

### FEATURES OF MACHINING

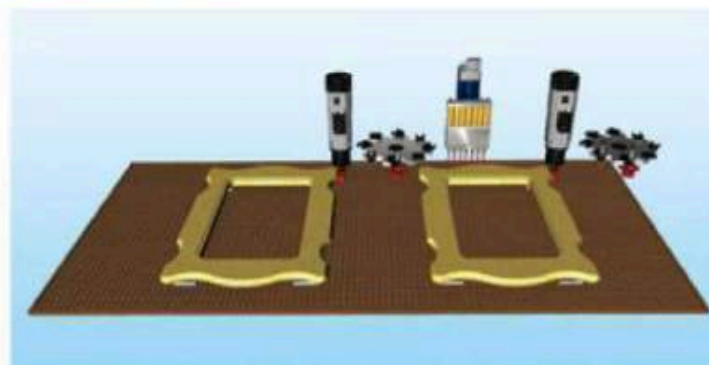
- This is an economy and heavy duty machining equipment, producing pattern is for various types of work piece and in small quantities.
- Full sheet of board can be adsorbed and processed directly on working table, no need prior preparing material, such as prior cutting.
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- Ideal for processing solid wood dining table, solid wood dining chair, solid wood tea table, solid wood bedside board, solid wood office table, etc.

## YL-SAH-482(7v)

Transverse nesting table



3D模拟加工效果图



加工范例



### 机械特性

- 适合高产量多样化的生产模式，属于量产高效率的加工设备。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 同动双主轴设计，可调整两轴间距及同时加工两件相同工件。
- 适合加工实木茶几桌、音响箱面板、石化过滤板、红木家具等。

### FEATURES OF MACHINING

- This is a mass producing, high efficiency machining equipment, producing pattern is for various types of work piece and in high productivity.
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- Design of two spindles moving together, the spacing of the two spindles may be adjusted, also the two spindles may process same type of work piece at same time.
- Ideal for processing solid wood tea table, audio box, filter sheet for petrochemical industry, and solid wood furniture, etc.

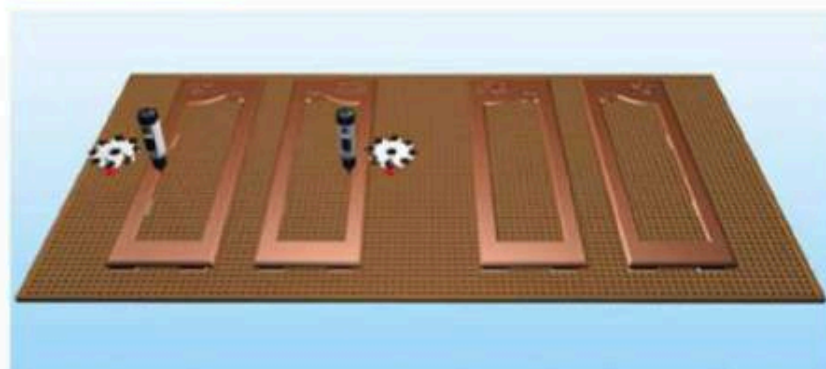


# YL-SAH-5102T

Transverse nesting table



3D模拟加工效果图



## 机械特性

- 适合高产量多样化的生产模式，属于量产高效率的加工设备。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 独立双主轴设计，可同时加工左右对称工件，及同时加工两件相同工件。
- 适合加工实木书柜、视听柜、实木楼梯、实木衣柜等。

## FEATURES OF MACHINING

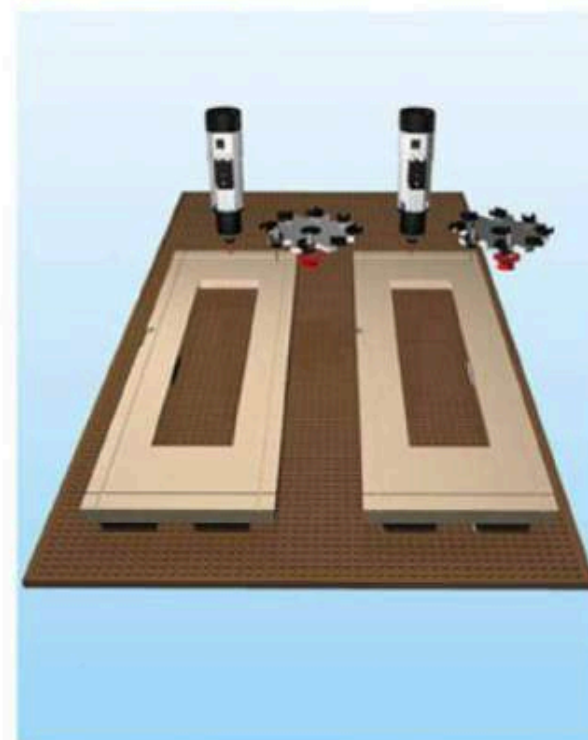
- This is a mass producing, high efficiency machining equipment, producing pattern is for various types of work piece and in high productivity.
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- Design of two independent spindles, the two spindles can process two bilateral symmetry work pieces, also can process two exact same work pieces.
- Ideal for processing solid wood bookcase, solid wood TV stand and cabinet, solid wood stairsteps, solid wood wardrobe, etc.,

# YL-SAV-6102

Longitudinal nesting table



3D模拟加工效果图



加工范例



## 机械特性

- 适合高产量多样化的生产模式，属于量产高效率的加工设备。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 直式台面及同轴双主轴设计，可调整两轴间距及同时加工相同两件工件。
- 适合加工实木衣柜、人造流理台面、实木视听柜、实木楼梯等。

## FEATURES OF MACHINING

- This is a mass producing, high efficiency machining equipment, producing pattern is for various types of work piece and in high productivity.
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- Designs of vertical working table and the two spindles working together, the spacing of the two spindles may be adjusted, also the two spindles may process same type of work piece at same time.
- Ideal for processing solid wood wardrobe, artificial stone table for kitchen, solid wood audiovisual cabinet, solid wood stairsteps, etc.

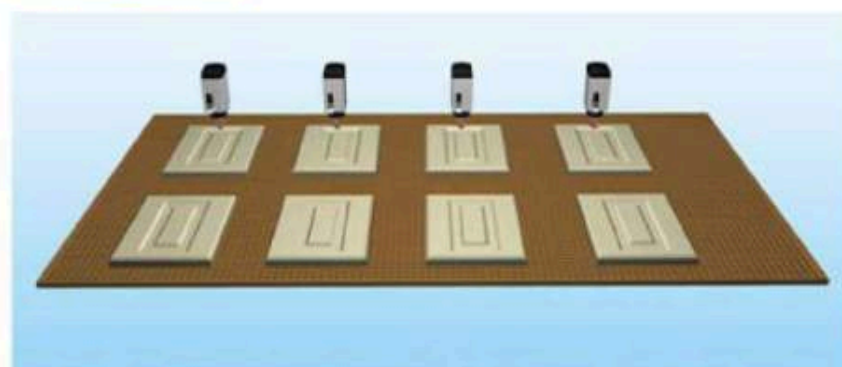


# YL-SMH-484

Transverse nesting table



3D模拟加工效果图



## 机械特性

- 适合高产量简化的生产模式，属于经济量产型的加工设备。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 四轴间距可任意调整加工四件相同工件，以及主轴可任意排列组合加工。
- 适合加工实木马桶盖、音箱面板、实木桌椅、实木茶几桌等。

## FEATURES OF MACHINING

- This is a mass producing, economy machining equipment, producing pattern is for simple type work piece and in high productivity
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- The spacing among 4 spindles can be adjusted at random for processing 4 pieces of same work pieces,also the spindles can process work pieces at any arrangement combination.
- Ideal for processing solid wood toilet seat cover, audio and audiovisual cabinet, solid wood table and chair, solid wood tea table, etc.

加工范例

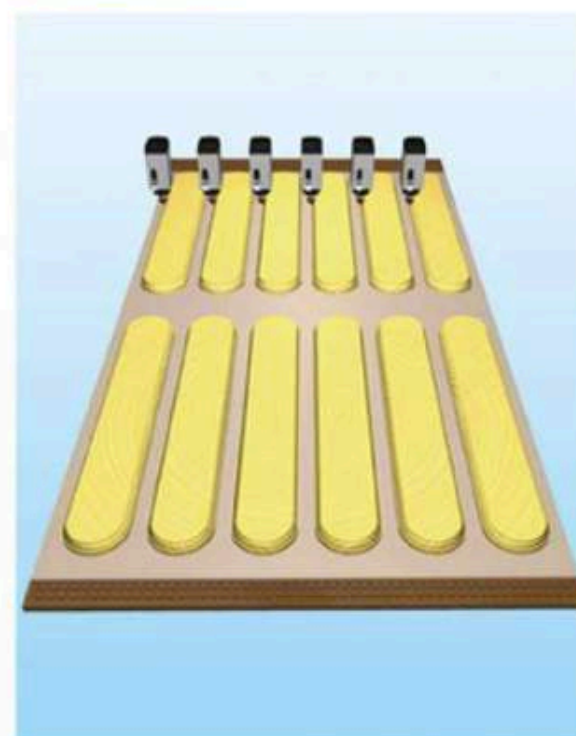


# YL-SMV-6106

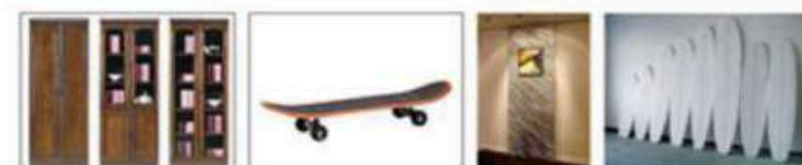
Longitudinal nesting table



3D模拟加工效果图



加工范例



## 机械特性

- 适合高产量简化的生产模式，属于经济量产型的加工设备。
- 配合可调式移动真空吸盘吸附工件，定位块可以快速上下料加工。
- 六轴间距可任意调整加工六件相同工件，以及主轴可任意排列组合加工。
- 适合加工波浪装饰板、多层滑板、冲浪板、实木书柜等。

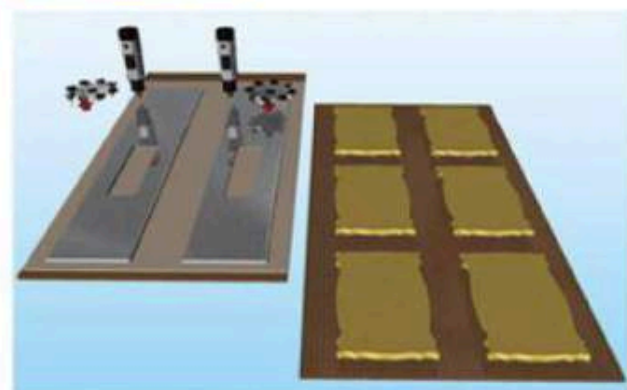
## FEATURES OF MACHINING

- This is a mass producing, economy machining equipment,production pattern is for simple type work piece and in high productivity.
- Positioning block can do quick material feed in and feed out when using together with movable, adjustable vacuum pad to adsorb work piece.
- The spacing among 6 spindles can be adjusted at random for processing 6 pieces of same work pieces,also the spindles can process work pieces at any arrangement combination.
- Ideal for processing wavy decoration board, multi-layer plywood skateboard solid wood bookcase, etc.,



YL-SAV-482D  
Longitudinal nesting table

3D模拟加工效果图



加工范围



## 机械特性

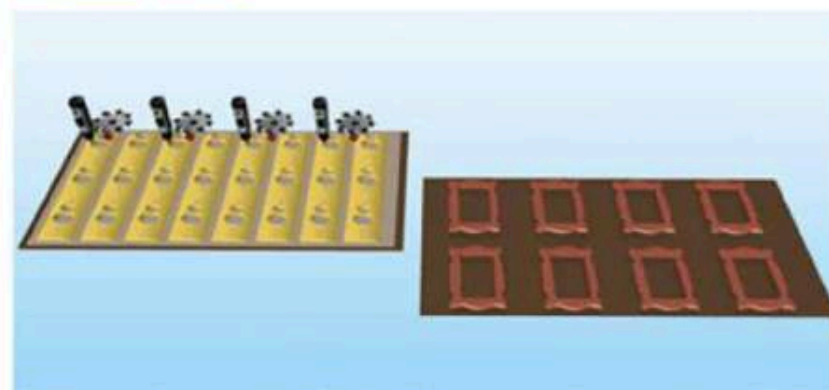
- 适合高产量多样化的生产模式，属于量产高效率的加工设备。
- 同动双主轴设计，可调整两轴间距及同时加工两件相同工件。
- 双台面设计，可左边台面加工时右边台面换料的不间断生产。
- 适合加工实木卧室家具、实木门、实木餐桌椅、实木客厅桌椅等。

## FEATURES OF MACHINING

- This is a mass producing, high efficiency machining equipment, producing pattern is for various types of work piece and in high productivity.
- Design of two spindles moving together, the spacing of the two spindles may be adjusted, also the two spindles may process same type of work piece at same time.
- Design of two working tables. When left zone is replacing material, right zone is still working, and vice versa. Thus production process always continues. Ideal for processing solid wood furniture for bedroom, solid wood door, solid wood dining table and chair, solid table and chair for living room, etc.

YL-SAH-5104D  
Transverse nesting table

3D模拟加工效果图



加工范围



## 机械特性

- 适合高产量多样化的生产模式，属于量产高效率的加工设备。
- 同动四主轴设计，可调整四轴间距及同时加工四件相同工件。
- 双台面设计，可左边台面加工时右边台面换料的不间断生产。
- 适合加工针车台板、绣花机台板、电脑桌、实木茶几桌、实木音箱等。

## FEATURES OF MACHINING

- This is a mass producing, high efficiency machining equipment, producing pattern is for various types of work piece and in high productivity.
- Design of 4 spindles moving together, the spacing among the 4 spindles may be adjusted, also the 4 spindles may process same type of work pieces at same time.
- Design of two working table. When left zone is replacing material, right zone is still working, and vice versa. Thus production process always continues.
- Ideal for processing sewing machine's top board, embroidery machine's top board, computer table top, solid wood tea table, solid wood audio box, etc.





元 隆 木 工 機 械 廠

YUAN LUNG MACHINERY WORKS

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E-mail: ylw@ms37.hinet.net

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# PAST HISTORY Of YUAN LUNG

YUAN LUNG Machine Works has more than 40 years of history. It is a professional maker of conventional woodwork machinery, located in the Shen Kang Dist., of Taichung City. Yuan Lung gives a new life to the conventional woodworking machinery by establishing integrated system of combining modern management style with internal demarcation which is cleaving to precise finishing equipment, advanced testing instrument and standardized assembly method.

Following the principles of exact procedure, quality assurance, excellent efficiency and prompt services, Yuan Lung ensures the sound qualities of the machinery. In the near future, under the strategical planning of extending services and sales, it will set up a global sales /services network.

元隆木工機械廠至今已逾40年，位於台中市神岡區，本

廠為傳統木工機械專業製造商，堅持以精密之加工設備，先進

之檢驗儀器及規格化的組立方式之內部分工作業系統，融合現代的

管理章程，建立完整之體制，賦予傳統木工機械新的生命。

元隆秉持著流程嚴謹、品質保證、卓越效率、迅速服務為原則以確保機械之優良性能。未來在有計劃的業務擴展下，迅速達成全球的銷售服務網路。



## DOUBLE SPINDLE SHAPER (Extra Large)

| 型 式     | Model                         | YL-255L                      | YL-257L     |
|---------|-------------------------------|------------------------------|-------------|
| 主軸直徑    | Spindle diameter              | 1" or 1 1/4" or 30mm or 40mm |             |
| 主軸中心距離  | Distance between spindles     | 715 mm (28")                 |             |
| 主軸行程    | Stroke travel                 | 80mm (3 1/4")                |             |
| 主軸轉速    | Spindle speeds                | 10000rpm                     |             |
| 工作台尺寸   | Table size                    | 1980 x 940mm (78" x 37")     |             |
| 工作台嵌板直徑 | Table insert opening diameter | 140mm                        |             |
| 工作馬達    | Working motor                 | 5HP x 2                      | 7 1/2HP x 2 |
| 機械尺寸    | Machine size                  | 1980x940x1000mm              |             |
| 機械淨/毛重  | Machine N.W/G.W               | 800kgs / 850kgs              |             |
| 包裝尺寸    | Packing dimensions            | 2100 x 1040 x 1150 mm        |             |



加大型雙立軸機

**YL-255L / YL-257L**

## DOUBLE SPINDLE SHAPER (Large)

| 型 式     | Model                         | YL-255                       | YL-257      |
|---------|-------------------------------|------------------------------|-------------|
| 主軸直徑    | Spindle diameter              | 1" or 1 1/4" or 30mm or 40mm |             |
| 主軸中心距離  | Distance between spindles     | 715 mm (28")                 |             |
| 主軸行程    | Stroke travel                 | 80mm (3 1/4")                |             |
| 主軸轉速    | Spindle speeds                | 10000rpm                     |             |
| 工作台尺寸   | Table size                    | 1400 x 890mm (55" x 35")     |             |
| 工作台嵌板直徑 | Table insert opening diameter | 140mm                        |             |
| 工作馬達    | Working motor                 | 5HP x 2                      | 7 1/2HP x 2 |
| 機械尺寸    | Machine size                  | 1400x890x1000mm              |             |
| 機械淨/毛重  | Machine N.W/G.W               | 700kgs / 750kgs              |             |
| 包裝尺寸    | Packing dimensions            | 1500 x 1000 x 1150 mm        |             |



大型雙立軸機

**YL-255 / YL-257**

## DOUBLE SPINDLE SHAPER

| 型 式     | Model                         | YL-223                       | YL-225  |
|---------|-------------------------------|------------------------------|---------|
| 主軸直徑    | Spindle diameter              | 1" or 1 1/4" or 30mm or 40mm |         |
| 主軸中心距離  | Distance between spindles     | 400mm (15 3/4")              |         |
| 主軸行程    | Stroke travel                 | 80mm (3 1/4")                |         |
| 主軸轉速    | Spindle speeds                | 10000rpm                     |         |
| 工作台尺寸   | Table size                    | 1010x730 mm (40"x29")        |         |
| 工作台嵌板直徑 | Table insert opening diameter | 140mm                        |         |
| 工作馬達    | Working motor                 | 3HP x 2                      | 5HP x 2 |
| 機械尺寸    | Machine size                  | 1020 x 740 x 1000mm          |         |
| 機械淨/毛重  | Machine N.W/G.W               | 500kgs / 550kgs              |         |
| 包裝尺寸    | Packing dimensions            | 1200 x 900 x 1100 mm         |         |



雙立軸機

**YL-223 / YL-225**





# PREFESSIONAL

http://www.yuanlung.com.tw

## HIGHT ENERGY SPEED



大型單立軸機

**YL-155 / YL-157**

### SINGLE SPINDLE SHAPER (Large)

| 型 式     | Model                         | YL-155                       | YL-157  |
|---------|-------------------------------|------------------------------|---------|
| 主軸直徑    | Spindle diameter              | 1" or 1 1/4" or 30mm or 40mm |         |
| 主軸行程    | Stroke travel                 | 80mm(3 1/4")                 |         |
| 主軸轉速    | Spindle speeds                | 10000rpm                     |         |
| 工作台尺寸   | Table size                    | 1010 x 910 mm(40"x36")       |         |
| 工作台嵌板直徑 | Table insert opening diameter | 140mm                        |         |
| 工作馬達    | Working motor                 | 5HP                          | 7 1/2HP |
| 機械尺寸    | Machine size                  | 1020 x 920 x 1000mm          |         |
| 機械淨/毛重  | Machine N.W./G.W              | 400kgs / 550kgs              |         |
| 包裝尺寸    | Packing dimensions            | 1100 x 1000 x 1150 mm        |         |

靠版選配 \*Guide fence (Optional)

### HIGH SPEED ROUTER

| 型 式         | Model                      | YL-650                |
|-------------|----------------------------|-----------------------|
| 夾頭至工作台面最大距離 | Chuck to table top maximum | 178mm(7")             |
| 喉頭          | Throat depth               | 660mm(26")            |
| 工作馬達        | Working motor              | 3HP or 5HP            |
| 工作台尺寸       | Table size                 | 780 x 490 mm(31"x19") |
| 工作台傾斜       | Table Tilt                 | 45°                   |
| 主軸轉速        | Spindle speeds             | 10000 / 20000rpm      |
| 套筒尺寸        | Collet size                | 12 / 16mm             |
| 機械尺寸        | Machine size               | 1500 x 760 x 1500mm   |
| 機械淨/毛重      | Machine N.W / G.W          | 600kgs / 650kgs       |
| 包裝尺寸        | Packing dimensions         | 1600 x 860 x 1650 mm  |



**YL-650** 大型高速鉋花機



**YL-113 / 115** 單立軸機

### SINGLE SPINDLE SHAPER

| 型 式     | Model                         | YL-113                       | YL-115 |
|---------|-------------------------------|------------------------------|--------|
| 主軸直徑    | Spindle diameter              | 1" or 1 1/4" or 30mm or 40mm |        |
| 主軸行程    | Stroke travel                 | 80mm(3 1/4")                 |        |
| 主軸轉速    | Spindle speeds                | 10000rpm                     |        |
| 工作台尺寸   | Table size                    | 920 x 760mm(36" x 30")       |        |
| 工作台嵌板直徑 | Table insert opening diameter | 140mm                        |        |
| 工作馬達    | Working motor                 | 3HP                          | 5HP    |
| 機械尺寸    | Machine size                  | 920 x 760 x 1000mm           |        |
| 機械淨/毛重  | Machine N.W./G.W              | 400kgs / 450kgs              |        |
| 包裝尺寸    | Packing dimensions            | 1050 x 900 x 1100 mm         |        |

靠版選配 \*Guide fence (Optional)

### SLIDING HEAD ROUTER

| 型 式         | Model                      | YL-750                |
|-------------|----------------------------|-----------------------|
| 夾頭至工作台面最大距離 | Chuck to table top maximum | 210mm(8 1/4")         |
| 喉頭          | Throat depth               | 760mm(30")            |
| 工作馬達        | Working motor              | 3HP or 5HP            |
| 工作台尺寸       | Table size                 | 805 x 705 mm(32"x28") |
| 工作台傾斜       | Table Tilt                 | 45°                   |
| 主軸行程        | Spindle stroke             | 75mm(3")              |
| 主軸轉速        | Spindle speeds             | 10000 / 20000rpm      |
| 套筒尺寸        | Collet size                | 12 / 16mm             |
| 機械尺寸        | Machine size               | 1550 x 810 x 1500 mm  |
| 機械淨/毛重      | Machine N.W / G.W          | 700kgs / 750kgs       |
| 包裝尺寸        | Packing dimensions         | 1650 x 900 x 1700 mm  |



**YL-750** 升降頭高速鉋花機



**YL-200** 自動單面鉋木機

### AUTO PLANER

| 型 式    | Model                     | YL-200                |
|--------|---------------------------|-----------------------|
| 最大加工寬度 | Maximum planing width     | 508mm(20")            |
| 最大加工厚度 | Maximum planing thickness | 178 mm                |
| 最小加工厚度 | Minimum planing thickness | 3 mm                  |
| 刀片數    | Number of knives          | 3 pcs                 |
| 刀頭速度   | Single cutterhead         | 5200 rpm              |
| 刀頭直徑   | Cutterhead                | 77mm(3")              |
| 送料速度   | Feeding speed             | 8m/min                |
| 工作台尺寸  | Table size                | 546 x 699 mm(22"x28") |
| 工作馬達   | Working motor             | 3HP or 5HP or 7 1/2HP |
| 機械尺寸   | Machine size              | 820 x 700 x 970 mm    |
| 機械淨/毛重 | Machine N.W./G.W          | 355kgs / 400kgs       |

### SPINDLE ROUTER

| 型 式   | Model              | YL-60              |
|-------|--------------------|--------------------|
| 工作馬達  | Working motor      | 3HP                |
| 主軸轉速  | Spindle speeds     | 20000rpm           |
| 工作台尺寸 | Table size         | 585x660mm(23"x26") |
| 機械尺寸  | Machine size       | 760 x 590 x 760 mm |
| 包裝尺寸  | Packing dimensions | 860x960x860mm      |



**YL-60** 立軸鉋花機





# PROFESSIONAL

http://www.yuanlung.com.tw

## HIGHT ENERGY SPEED



**YL-372** 橫式雙端鑽孔機

### HORIZONTAL TWIN HEAD BORING MACHINE

| 型 式     | Model                          | YL-372                | YL-375       | YL-377      | YL-379      |
|---------|--------------------------------|-----------------------|--------------|-------------|-------------|
| 主軸馬力    | Spindle motor                  | 2HPx2                 |              |             |             |
| 主軸轉速    | Spindle speed                  | 3600 rpm              |              |             |             |
| 主軸最大鑽深  | Max. boring depth of spindle   | 80mm                  |              |             |             |
| 主軸行程    | Stroke travel                  | 80mm                  |              |             |             |
| 主軸旋轉    | Swivel adjustment for spindle  | 360°(全方位 Ominbearing) |              |             |             |
| 加工物最大長度 | Max. length of workpiece(feet) | 2.5尺                  | 5尺           | 7尺          | 9尺          |
| 機械尺寸    | Machine size(feet)             | 6x2.3x5.5尺            | 8.5x2.3x5.5尺 | 10.5x2.3x5尺 | 12.5x2.3x5尺 |
| 機械淨/毛重  | Machine N.W./G.W.              | 600kgs/700kgs         |              |             |             |

• 鑽孔頭可更換為多孔排鑽式鑽孔頭 • Drill head can be changed to multi-hole-drill heads.

### BAND SAW

| 型 式       | Model                              | YL-26          | YL-28S   | YL-28    |
|-----------|------------------------------------|----------------|----------|----------|
| 鋸輪直徑/寬度   | Wheel diameter and face            | m/m. 660 / 50  | 710 / 75 | 710 / 90 |
| 使用鋸片規格    | Size of saw blade to be used       | Width m/m.     | 12-50    | 12-75    |
|           |                                    | Length m/m.    | 4550     | 4700     |
|           |                                    | Thickness(BWG) | 21-24    | 21-24    |
| 最大鋸切直徑    | Max. diameter of log in center cut | m/m. 360       | 360      | 620      |
| 鋸片至機架距離   | Distance between saw and frame     | m/m. 600       | 600      | 355      |
| 鋸片至靠板最大距離 | Max. distance from saw to fence    | m/m. 350       | 350      | 250      |
| 鋸輪容許轉速    | Permissible wheel speed            | rpm 600-700    | 600-700  | 600-700  |
| 馬達動力      | Working motor                      | 3HP            | 5HP      | 7.5-15HP |
| 機械淨/毛重    | Machine N.W. / G.W.                | kgs 400/500    | 450/550  | 900/1200 |



**YL-26/28S** 帶鋸機



**YL-385** 四軸鑽孔機 (水平直立)

### FOUR SPINDLE BORING MACHINE(Large)

| 型 式     | Model                                   | YL-382                | YL-385       | YL-387       | YL-389      |
|---------|-----------------------------------------|-----------------------|--------------|--------------|-------------|
| 橫主軸馬力   | Horizontal spindle motor                | 2HPx2                 |              |              |             |
| 立主軸馬力   | Vertical spindle motor                  | 2HP                   |              |              |             |
| 主軸轉速    | Spindle speed                           | 3600 rpm              |              |              |             |
| 橫主軸最大鑽深 | Max. boring depth of horizontal spindle | 80mm                  |              |              |             |
| 橫主軸行程   | Stroke travel of horizontal spindle     | 80mm                  |              |              |             |
| 橫主軸旋轉   | Stroke travel of horizontal spindle     | 360°(全方位 Ominbearing) |              |              |             |
| 立主軸最大鑽深 | Max. boring depth of vertical spindle   | 80mm                  |              |              |             |
| 立主軸行程   | Stroke travel of vertical spindle       | 80mm                  |              |              |             |
| 立主軸旋轉   | Swivel adjustment for vertical spindle  | 360°(全方位 Ominbearing) |              |              |             |
| 加工物最大長度 | Max. length of workpiece(feet)          | 2.5尺                  | 5尺           | 7尺           | 9尺          |
| 機械尺寸    | Machine size                            | 6x2.3x5.5尺            | 8.5x2.3x5.5尺 | 9.5x2.3x5.5尺 | 12.5x2.3x5尺 |
| 機械淨/毛重  | Machine N.W./G.W.                       | 1100kgs/1200kgs       |              |              |             |

• 鑽孔頭可更換為多孔排鑽式鑽孔頭 • Drill head can be changed to multi-hole-drill heads.

### UNIVERSAL CIRCULAR SAW

| 型 式     | Model               | YL-550        |
|---------|---------------------|---------------|
| 鋸片傾斜角度  | Blade tilt          | 0-45°         |
| 工作盤升降範圍 | Table up-down range | 150mm         |
| 鋸片軸直徑   | Arbor diameter      | 25.4mm / 30mm |
| 鋸片直徑    | Saw blade diameter  | 350mm         |
| 主軸迴轉數   | Spindle speed       | 3400-4500rpm  |
| 馬力      | Motor               | 2HP or 3HP    |
| 工作台面積   | Table area          | 720x710mm     |
| 機械尺寸    | Machine size        | 850x900x850mm |



**YL-550** 萬能圓鋸機



**YL-12** 軸傾斜圓鋸機

### TILTING ARBOR SAW

| 型 式        | Model                         | YL-10                | YL-12     | YL-14      | YL-16       |
|------------|-------------------------------|----------------------|-----------|------------|-------------|
| 鋸片直徑       | Diameter saw blade (mm)       | 10"(250)             | 12"(305)  | 14"(350)   | 16"(405)    |
| 最大切割深度 90° | Max. depth of cut at 90° mm   | 76                   | 101.6     | 125        | 152         |
| 最大切割深度 45° | Max. depth of cut at 45° mm   | 50.8                 | 70        | 88         | 108         |
| 鋸軸直徑       | Arbor diameter                | 25.4mm or 30mm(Opt.) |           |            |             |
| 鋸軸轉速       | Arbor speed rpm               | 4200                 | 4000      | 3750       |             |
| 工作台尺寸      | Table size mm                 | 915x685              | 1220x762  | 1220x965   |             |
| 工作台高度      | Table height mm               | 857                  |           |            |             |
| 推台工作能力     | Sliding table capacity mm     | 914x1828             | 1220x2440 |            |             |
| 鋸切寬度       | Max. rip to right of blade mm | 635                  | 965       | 1245       | 1245        |
| 馬力         | Motor HP                      | 3(Opt.2/5)           | 3(Opt.5)  | 5(Opt.7.5) | 7.5(Opt.10) |
| 淨重         | Net weight kg                 | 185                  | 260       | 385        | 395         |
| 毛重         | Gross weight kg               | 225                  | 320       | 460        | 470         |

### Auto Power Feeder

自動送材機



| 型 式    | Model               | YL-440         | YL-460         | YL-470         |
|--------|---------------------|----------------|----------------|----------------|
| 送材速度   | Feed speed          | 8, 12, 16m/min | 8, 12, 16m/min | 8, 12, 16m/min |
| 送材輪直徑  | Roller diameter     | 100mm          | 100mm          | 48mm           |
| 送材輪數量  | Roller              | 4pcs           | 6pcs           | 7pcs           |
| 工作馬達   | Working motor       | 1/2 HP or 1HP  | 1/2 HP or 1HP  | 1/2HP or 1HP   |
| 機械尺寸   | Machine size        | 570x720x750mm  | 720x720x750mm  | 400x720x750mm  |
| 機械淨/毛重 | Machine N.W. / G.W. | 72kgs          | 80kgs          | 75kgs          |

**YL-460**

**YL-470**



# YL-12120/12100/1280/1260

## 自動仿型機之超級巨星 針對超大型工件加工設計

此超大型加工能力機種，整體結構剛強，為大型或中型桌面加工之超級利器。本機為雙刀頭結構設計，加工成品表面極為精緻，搭配中心壓料系統，工件加工穩定性優異，機種YL-1260可鉋削最大直徑60"。機種YL-12120可鉋削最大直徑120"。工件台為無段變速並具自動調整功能，各種曲型加工亦可輕鬆達成。

### ● 最大加工直徑

YL-12120: Ø120"      YL-1280: Ø80"

YL-12100: Ø100"      YL-1260: Ø60"

### ● 單工作台

### ● 雙刀頭

### 規格：

| 型式            | YL-12120                    | YL-12100                    | YL-1280                     | YL-1260                     |
|---------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍        | 28"-120"                    | 24"-100"                    | 20"-80"                     | 16"-60"                     |
| 最大鉋削矩形 (2:1)  | 107.4" x 53.7"              | 89.2" x 44.6"               | 71.4" x 35.7"               | 53.4" x 26.7"               |
| 圓盤外徑          | 82"                         | 72"                         | 62"                         | 46"                         |
| 圓盤旋轉速度 (無段變速) | 0.5-3 RPM                   | 0.5-3 RPM                   | 0.5-3 RPM                   | 0.5-3 RPM                   |
| 主軸轉速          | 9000 RPM                    | 9000 RPM                    | 9000 RPM                    | 9000 RPM                    |
| 主軸直徑 (可更換式)   | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑          | 100 mm                      | 100 mm                      | 100 mm                      | 100 mm                      |
| 從動輪直徑         | 100 mm                      | 100 mm                      | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力        | 3 HP x 1                    | 3 HP x 1                    | 2 HP x 1                    | 2 HP x 1                    |
| 主軸驅動馬力        | 15 HP x 2                   | 10 HP x 2                   | 10 HP x 2                   | 10 HP x 2                   |
| 淨重            | 5100 kgs                    | 4000 kgs                    | 3050 kgs                    | 2350 kgs                    |
| 毛重            | 6150 kgs                    | 4900 kgs                    | 3850 kgs                    | 2850 kgs                    |
| 裝箱尺寸          | 156" x 91" x 81"            | 130" x 90" x 81"            | 108" x 89" x 77"            | 91" x 76" x 81"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。

### 獨特的刀頭設計

主軸精密加工而成，安裝於特選高速軸承，保證高速迴轉時無過熱現象發生，可更換式主軸機構，最適合不同孔徑大小刀具的應用。主軸轉向可正逆轉變換。結構剛強刀頭徹底征服任何硬木料的韌性。





# YL-12120S/12100S/1280S/1260S

## 自動仿型機之超級巨星

融合鉋削與砂光於一機...高效率，高精緻表面效果

### ●最大加工直徑

YL-12120S: Ø120"

YL-12100S: Ø100"

### ●砂光直徑範圍

YL-12120S: Ø60-120"

YL-12100S: Ø48-100"

### ●單工作台

### ●雙刀頭

### ●附砂光裝置

YL-1280S: Ø80"

YL-1260S: Ø60"

YL-1280S: Ø36-80"

YL-1260S: Ø24-60"

砂帶尺寸 5" x 71"  
砂帶速度 (2速) 400 / 870 M/min  
砂帶驅動馬達 2 HP  
砂光輪直徑 110 mm dia.  
頭部上下調整 30 mm  
主軸直徑 1" dia.



### 規格：

| 型式            | YL-12120S                   | YL-12100S                   | YL-1280S                    | YL-1260S                    |
|---------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍        | 28"-120"                    | 24"-100"                    | 20"-80"                     | 16"-60"                     |
| 最大鉋削矩形 (2:1)  | 107.4" x 53.7"              | 89.2" x 44.6"               | 71.4" x 35.7"               | 53.4" x 26.7"               |
| 圓盤外徑          | 82"                         | 72"                         | 62"                         | 46"                         |
| 圓盤旋轉速度 (無段變速) | 0.5-3 RPM                   | 0.5-3 RPM                   | 0.5-3 RPM                   | 0.5-3 RPM                   |
| 主軸轉速          | 9000 RPM                    | 9000 RPM                    | 9000 RPM                    | 9000 RPM                    |
| 主軸直徑 (可更換式)   | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑          | 100 mm                      | 100 mm                      | 100 mm                      | 100 mm                      |
| 從動輪直徑         | 100 mm                      | 100 mm                      | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力        | 3 HP x 1                    | 3 HP x 1                    | 2 HP x 1                    | 2 HP x 1                    |
| 主軸驅動馬力        | 15 HP x 2                   | 10 HP x 2                   | 10 HP x 2                   | 10 HP x 2                   |
| 淨重            | 5500 kgs                    | 4350 kgs                    | 3350 kgs                    | 2600 kgs                    |
| 毛重            | 6750 kgs                    | 5350 kgs                    | 4200 kgs                    | 3150 kgs                    |
| 裝箱尺寸          | 164" x 91" x 82"            | 149" x 90" x 80"            | 131" x 89" x 77"            | 119" x 83" x 77"            |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。

### 砂光裝置

仿型立軸機可加裝砂光裝置，以提升加工效率、提升產能、節省加工時間。適合椅腳、桌面、以及其他曲型傢俱之邊磨作業。當立軸機鉋削工件完後，可經由此砂光裝置直接執行砂光作業，平面、曲型或複雜曲型皆可輕易砂光，節省工件搬運時間、大幅提昇產能。



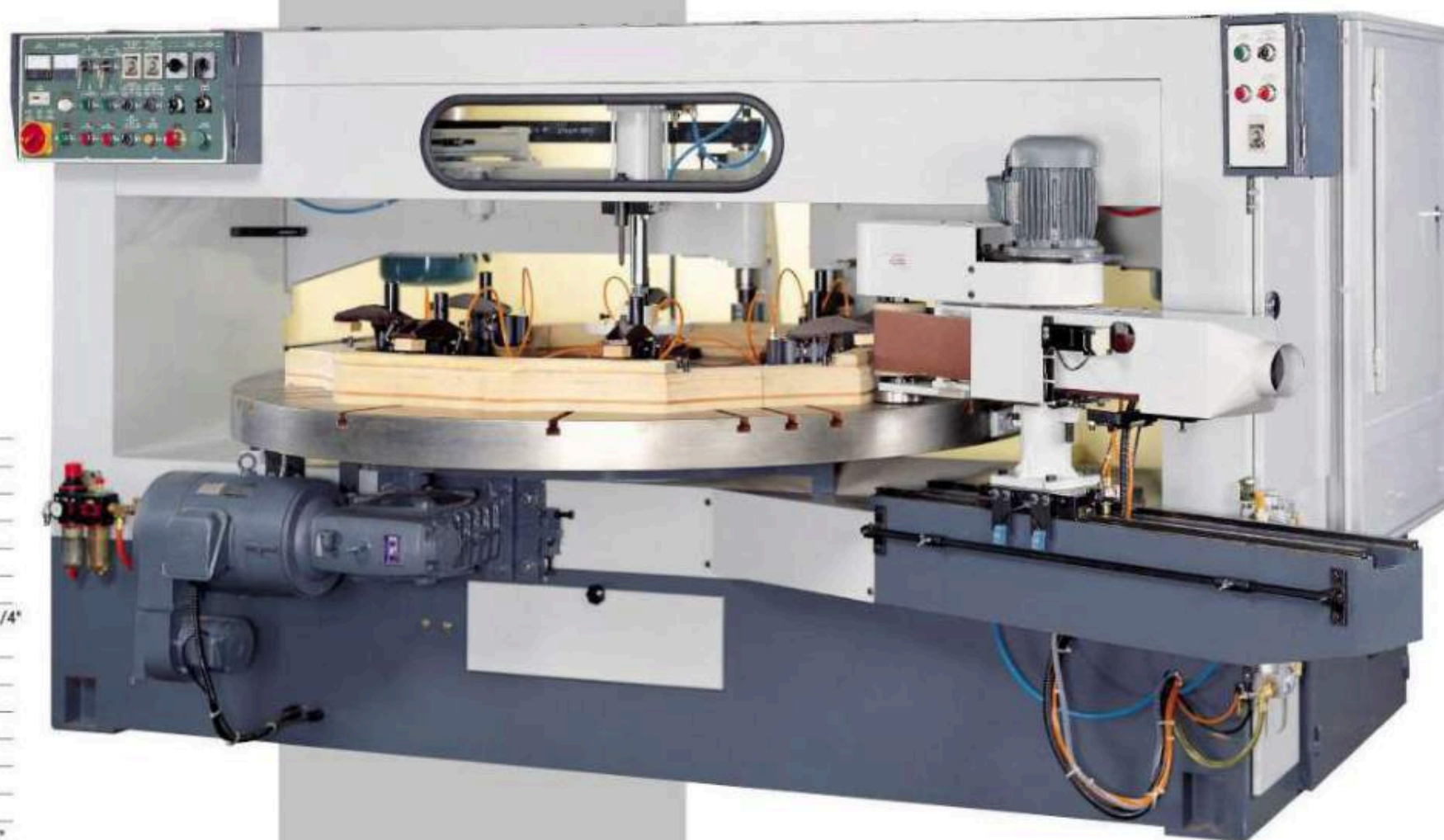
### 快速平穩的刀臂進給機構

刀臂進給以氣壓及油壓組合迴路控制。進給快速，壓力平穩。刀臂趨近於工作前，自動減速，穩漸觸刀，免除劇烈碰觸，無刀痕產生。



### 夾鉗系統

- 所有加工直徑超過80"之機種，都附有8組自動氣壓夾鉗，適合多工站加工。
- 同時也附有中心夾鉗，適合多工站加工。
- 也可要求增加自動氣壓夾鉗數量。
- 所有加工直徑小於80"之機種，不附自動氣壓夾鉗。





## YL-1172, YL-1162

多工件連續加工，高產能！

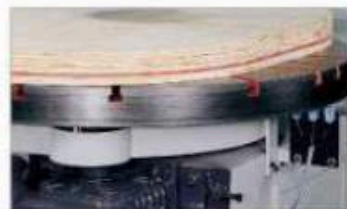


- 最大加工直徑  
YL-1172: Ø72"  
YL-1162: Ø62"
- 單工作台
- 單刀頭

## 規格：

| 型式           | YL-1172                     | YL-1162                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 10"-72"                     | 10"-62"                     |
| 最大鉋削矩形 (2:1) | 64.2" x 32.1"               | 55.2" x 27.6"               |
| 圓盤外徑         | 46"                         | 46"                         |
| 圓盤旋轉速度       | 1-3 RPM                     | 1-3 RPM                     |
| 主軸轉速         | 9000 RPM                    | 9000 RPM                    |
| 主軸直徑 (可更換式)  | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 2 HP x 1                    | 2 HP x 1                    |
| 主軸驅動馬力       | 10 HP x 1                   | 10 HP x 1                   |
| 淨重           | 1450 kgs                    | 1350 kgs                    |
| 毛重           | 1900 kgs                    | 1770 kgs                    |
| 裝箱尺寸         | 86" x 75" x 81"             | 73" x 66" x 80"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



本機圓盤無段變速裝置自動調速  
任何急速變化的複雜曲型加工，  
都可藉由自動調速功能將曲型完  
成精確複製，品質劃一。

## YL-1272, YL-1262

多工件連續加工，高產能！



- 最大加工直徑  
YL-1272: Ø72"  
YL-1262: Ø62"
- 單工作台
- 雙刀頭

## 規格：

| 型式           | YL-1272                     | YL-1262                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 10"-72"                     | 10"-62"                     |
| 最大鉋削矩形 (2:1) | 64.2" x 32.1"               | 55.2" x 27.6"               |
| 圓盤外徑         | 46"                         | 46"                         |
| 圓盤旋轉速度       | 1-3 RPM                     | 1-3 RPM                     |
| 主軸轉速         | 9000 RPM                    | 9000 RPM                    |
| 主軸直徑 (可更換式)  | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 2 HP x 1                    | 2 HP x 1                    |
| 主軸驅動馬力       | 10 HP x 2                   | 10 HP x 2                   |
| 淨重           | 1700 kgs                    | 1600 kgs                    |
| 毛重           | 2200 kgs                    | 2050 kgs                    |
| 裝箱尺寸         | 112" x 89" x 80"            | 88" x 83" x 80"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



## 夾鉗系統

- 所有加工直徑超過80"之機種、都附有8組自動氣壓夾鉗，適合多工站加工。
- 同時也附有中心夾鉗，適合多工站加工。
- 也可要求增加自動氣壓夾鉗數量。
- 所有加工直徑小於80"之機種，不附自動氣壓夾鉗。



## YL-1136, YL-1128

中型加工系列



- 最大加工直徑  
YL-1136: Ø36"  
YL-1128: Ø28"
- 單工作台
- 單刀頭

## 規格:

| 型式           | YL-1136                     | YL-1128                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 4"-36"                      | 3"-28"                      |
| 最大鉋削矩形 (2:1) | 32" x 16"                   | 25" x 12.5"                 |
| 圓盤外徑         | 26"                         | 18"                         |
| 圓盤旋轉速度 (可變速) | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速         | 8000 RPM                    | 8000 RPM                    |
| 主軸直徑 (固定式)   | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 1 HP x 1                    | 1 HP x 1                    |
| 主軸驅動馬力       | 7-1/2 HP x 1                | 7-1/2 HP x 1                |
| 淨重           | 870 kgs                     | 760 kgs                     |
| 毛重           | 1120 kgs                    | 960 kgs                     |
| 裝箱尺寸         | 62" x 62" x 77"             | 54" x 54" x 77"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。

## YL-1236, YL-1228

中型加工系列



- 最大加工直徑  
YL-1236: Ø36"  
YL-1228: Ø28"
- 單工作台
- 雙刀頭

## 規格:

| 型式           | YL-1236                     | YL-1228                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 4"-36"                      | 3"-28"                      |
| 最大鉋削矩形 (2:1) | 32" x 16"                   | 25" x 12.5"                 |
| 圓盤外徑         | 26"                         | 18"                         |
| 圓盤旋轉速度 (可變速) | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速         | 8000 RPM                    | 8000 RPM                    |
| 主軸直徑 (固定式)   | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 1 HP x 1                    | 1 HP x 1                    |
| 主軸驅動馬力       | 7-1/2 HP x 2                | 7-1/2 HP x 2                |
| 淨重           | 1070 kgs                    | 960 kgs                     |
| 毛重           | 1390 kgs                    | 1190 kgs                    |
| 裝箱尺寸         | 73" x 64" x 80"             | 66" x 58" x 78"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



## 圓盤自動調速

任何急速變化的複雜曲型加工，都可藉由自動調速功能將曲型完成精確複製，品質劃一。



# YL-1162S, YL-1136S, YL-1128S

經濟價位、中型加工能力，  
附砂光裝置。

- 最大加工直徑  
YL-1162S: Ø62"  
YL-1136S: Ø36"  
YL-1128S: Ø28"
- 單工作台
- 單刀頭

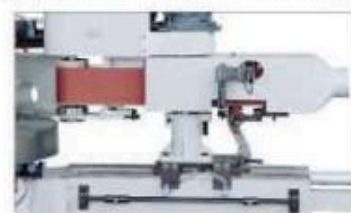


砂帶尺寸 5' x 71"  
砂帶速度 (2速) 400 / 870 M/min  
砂帶驅動馬達 1 HP  
砂光輪直徑 110 mm dia.  
頭部上下調整 30 mm  
主軸直徑 1" dia.

## 規格：

| 型式           | YL-1162S                    | YL-1136S                    | YL-1128S                    |
|--------------|-----------------------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 10"-62"                     | 4"-36"                      | 4"-28"                      |
| 砂光直徑範圍       | 16"-62"                     | 8"-36"                      | 6"-28"                      |
| 最大鉋削矩形 (2:1) | 55.2" x 27.6"               | 32" x 16"                   | 25" x 12.5"                 |
| 圓盤外徑         | 46"                         | 26"                         | 18"                         |
| 圓盤迴轉速度       | 1-3 RPM                     | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速         | 9000 RPM                    | 8000 RPM                    | 8000 RPM                    |
| 主軸直徑         | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 2 HP                        | 1 HP                        | 1 HP                        |
| 主軸驅動馬力       | 10 HP x 1                   | 7-1/2 HP x 1                | 7-1/2 HP x 1                |
| 砂帶尺寸         | 5' x 71"                    | 5' x 71"                    | 5' x 71"                    |
| 淨重           | 1500 kgs                    | 970 kgs                     | 840 kgs                     |
| 毛重           | 1970 kgs                    | 1220 kgs                    | 1050 kgs                    |
| 裝箱尺寸         | 92" x 85" x 80"             | 88" x 76" x 77"             | 80" x 68" x 77"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



## 砂光裝置

仿型立軸機可加裝砂光裝置，以提升加工效率、提升產能、節省加工時間。適合椅腳、桌面、以及其他曲型傢俱之邊磨作業。當立軸機鉋削工件完後，可經由此砂光裝置直接執行砂光作業，平面、曲型或複雜曲型皆可輕易砂光，節省工件搬運時間、大幅提昇產能。

# YL-1136P, YL-1128P

附側壓裝置，  
提供快速精確定位。

- 最大加工直徑  
YL-1136P: Ø36"  
YL-1128P: Ø28"
- 單工作台
- 單刀頭
- 附側壓板裝置



## 規格：

| 型式            | YL-1136P                    | YL-1128P                    |
|---------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍        | 4"-30"                      | 3"-22"                      |
| 最大鉋削矩形 (2:1)  | 26.8" X 13.4"               | 19.6" X 9.8"                |
| 圓盤外徑          | 26"                         | 18"                         |
| 圓盤旋轉速度 (無段變速) | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速          | 8000 RPM                    | 8000 RPM                    |
| 主軸直徑 (任選一種)   | 1", 30 mm, 1-1/4"<br>(圓盤外徑) | 1", 30 mm, 1-1/4"<br>(圓盤外徑) |
| 鉋刀外徑          | 100 mm                      | 100 mm                      |
| 從動輪直徑         | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力        | 1 HP x 1                    | 1 HP x 1                    |
| 主軸驅動馬力        | 7-1/2 HP x 1                | 7-1/2 HP x 1                |
| 淨重            | 950 kgs                     | 830 kgs                     |
| 毛重            | 1240 kgs                    | 1060 kgs                    |
| 裝箱尺寸          | 81" x 74" x 77"             | 68" x 64" x 77"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



## 側壓板裝置

此側壓板採氣壓致動，提供簡易、快速、精確的工件定位，疊料加工時，完全無需整料，木料耗損量大減縮減降低木材浪費，提昇加工速度。



# YL-2236, YL-2228

## 高效率系列

- 最大加工直徑  
YL-2236: Ø36"
- YL-2228: Ø28"
- 雙工作台
- 雙刀頭



### 規格：

| 型式           | YL-2228                     | YL-2236                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削直徑範圍       | 3"-28"                      | 4"-36"                      |
| 最大鉋削矩形 (2:1) | 25" X 12.5"                 | 32" X 16"                   |
| 圓盤外徑         | 18"                         | 26"                         |
| 圓盤旋轉速度       | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速         | 8000 RPM                    | 8000 RPM                    |
| 主軸直徑 (可更換式)  | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 1 HP x 2                    | 1 HP x 2                    |
| 主軸驅動馬力       | 7-2/1 HP x 2                | 7-1/2 HP x 2                |
| 淨重           | 1750 kgs                    | 2050 kgs                    |
| 毛重           | 2030 kgs                    | 2400 kgs                    |
| 裝箱尺寸         | 114" x 59" x 80"            | 122" x 61" x 82"            |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。

### 單機效率的極致發揮

此系列機種採雙工作台及雙刀頭設計，讓操作者可連續在雙工作台上置料及取出加工成品。將單機效率作最徹底的發揮。本機特別適用於具左右對稱性工件如木鞋，木拖鞋.....等。

# YL-1128A

## Auto copyshaper with feeding system



- 鉋刀直徑範圍  
YL-1128A: 1" to 6" (可調式)



### 規格：

| 型式     | YL-1128A             |
|--------|----------------------|
| 鉋削直徑範圍 | 1" to 6" (可調式)       |
| 圓盤外徑   | 18"                  |
| 圓盤旋轉速度 | 1.5-4.0 RPM (4段速度)   |
| 主軸直徑   | 30 mm                |
| 主軸轉速   | 9000 RPM             |
| 鉋刀外徑   | 100 mm               |
| 刀輪高度   | 4"                   |
| 從動輪直徑  | 100 mm x 1           |
| 圓盤驅動馬力 | 1 HP                 |
| 主軸驅動馬力 | 5 HP x 1             |
| 工作速度   | 5-6 fims/minutes     |
| 淨重     | 1000 kgs             |
| 毛重     | 1100 kgs             |
| 裝箱尺寸   | 230" x 160" x 210 cm |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



- 採用PLC控制器，機台操作容易。
- 針對小型加工產品，可連續加工大量節省人工成本。



# YL-1138, YL-1120

## 內徑自動仿型立軸機

### 機械特性：

- 本機為單刀頭、單工作台結構。
- 刀頭內置於機座內、操作安全性高。
- 主軸為可更換式。適用主軸直徑為1", 1 1/4", 30mm。

訂購機器時請指定主軸直徑。

- 也可加裝鉋花主軸。
- 集中式操控面板、操作方便。
- 工作台迴轉自動變速、內徑加工精度高。
- 本機採用氣壓式操作。
- 刀頭進刀採用空/油壓混合缸驅動、有效避免刀具與工件急遽碰觸。
- 機械結構高剛性、重切削穩定性高。

### ● 最大加工內徑

YL-1120: Ø20"

YL-1138: Ø38"

### ● 最小加工內徑 Ø2"

- 適合加工材質：木料、壓克力、硬塑膠、電木等。



### 規格：

| 型式           | YL-1138                     | YL-1120                     |
|--------------|-----------------------------|-----------------------------|
| 鉋削內徑範圍       | 4"-38"                      | 2"-20"                      |
| 最大鉋削矩形 (2:1) | 34" X 17"                   | 20" X 10"                   |
| 圓盤外徑         | 52"                         | 27-1/2"                     |
| 圓盤迴轉速度       | 1.5-4 RPM                   | 1.5-4 RPM                   |
| 主軸轉速         | 8000-16000 RPM              | 8000-16000 RPM              |
| 主軸直徑 (固定式)   | 1", 30 mm, 1-1/4"<br>(任選一種) | 1", 30 mm, 1-1/4"<br>(任選一種) |
| 鉋刀外徑         | 100 mm                      | 100 mm                      |
| 從動輪直徑        | 100 mm                      | 100 mm                      |
| 圓盤驅動馬力       | 2 HP x 1                    | 1 HP x 1                    |
| 主軸驅動馬力       | 10 HP x 1                   | 7-1/2 HP x 1                |
| 使用氣壓         | 70 kg/cm <sup>2</sup>       | 70 kg/cm <sup>2</sup>       |
| 淨重           | 1880 kgs                    | 920 kgs                     |
| 毛重           | 2080 kgs                    | 1120 kgs                    |
| 裝箱尺寸         | 85" x 66" x 87"             | 61" x 56" x 81"             |

本數值隨時不斷研究改進，僅作參考，若有變更，恕不另行通知。



### 應用例：

本機適合相框、馬桶蓋、時鐘外框等之內徑仿形加工。可加工內徑圓弧或曲型。

## 優異機械特性、頂級加工性能！



自動氣壓夾鉗、客戶可選購增加夾鉗數量。



### 可更換式高精度主軸

隨機標準配備，單尺寸主軸。主軸直徑1", 1 1/4", 30, 35, 40 mm可供選擇。定購時請指定主軸直徑。



### 壓料裝置

本機除裝有中心壓板作大型單工件壓料加工外，另可加裝自動氣壓夾鉗，可供連續作多工件加工，發揮最高效率。

### 獨特的刀頭設計

主軸精密加工而成，安裝於特選高速軸承，保證高速迴轉時無過熱現象發生，可更換式主軸機構，最適合不同孔徑刀具的應用。主軸轉向可正逆迴轉變換。結構剛強刀頭徹底征服任何硬木料的韌性。

### 圓盤自動調速及無段變速

任何急遽變化的複雜曲型加工，都可藉由無段變速機構及自動調速功能將曲型完成精確複製，品質劃一。

### 側壓板裝置

此側壓板採氣壓致動，提供簡易、快速、精確的工件定位，疊料加工時，完全無需整料，木料耗用量大幅縮減降低木材浪費，提昇加工速度。

### 砂光裝置

仿型立軸機可加裝砂光裝置、以提升加工效率、提升產能、節省加工時間。適合椅腳、桌面、以及其他曲型傢俱之邊磨作業。當立軸機鉋削工件完後、可經由此砂光裝置直接執行砂光作業，平面、曲型或複雜曲型皆可輕易砂光，節省工件搬運時間、大幅提昇產能。



[www.routmac.com](http://www.routmac.com)

# Spindle Shapers

## A dependable Source for All Your Needs in High Quality Spindle Shapers

With over 30 years of experience in designing and manufacturing high quality woodworking machines, Chen Sheng offers the widest range of spindle shapers for its customers all around the globe. Our engineers strive for excellence and innovation in machine structure, cutting accuracy and production efficiency. With their expertise and R&D capabilities, we constantly develop new models to meet the specific requirements from each customer. At Chen Sheng, everything we make relies on providing the highest possible level of spindle shaper quality in order to satisfy and even exceed your expectations.



**T**  
TILTING SPINDLE



**D**  
DIGITAL CONTROL



**M**  
LIFTING SPINDLE



**S**  
SLIDING TABLE



**L**  
LONG TABLE



**YL - 525TSM**

Series  
Tilting spindle  
Sliding table  
Lifting spindle



**YL - 625TSM**

Series  
Tilting spindle  
Sliding table  
Lifting spindle



**YL - 635TS**

Series  
Tilting spindle  
Sliding table



**YL - 735TSM**

Series  
Tilting spindle  
Sliding table  
Lifting spindle  
Long table



**YL - 800TSM**

Series  
Tilting spindle  
Sliding table  
Lifting spindle  
Digital control



**YL - 2070S**

Series  
Sliding table



# 525 series

## Outstanding Features

### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (3/4", 1", 1-1/4", 1-3/8" or in metric sizes 19mm, 25.4mm, 30mm, 35mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

### QUICK SPINDLE SPEED CHANGE :

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 5" (130mm).

### TILTING SPINDLE:

The tilting spindle provides angle cutting from -5° ~ 0° ~ +45°. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.

### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

### TABLE INSERTS:

The spindle is fitted with 2 insert rings (6-3/8" & 8-5/8") permitting use of a wide variety of shaper cutters.

### FENCE:

The fence assembly is attached with a 4" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob.

### TABLE:

The massive table is made from high quality, rib reinforced and temper heat treated cast iron for maximum strength and wear resistance. Table surface is precision ground and polished.

### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.



**YL-525M**

- Fixed table model
- Table area 27-1/2"x35-1/2" (700x900mm)
- 5HP / 3PH standard



**YL-525MS**

- Sliding table model
- Table area 27-1/2"x35-1/2" (700x900mm)
- 5HP / 3PH standard



**YL-525T**

- Tilting spindle model
- Table area 27-1/2"x35-1/2" (700x900mm)
- 5HP / 3PH standard



**YL-525TS**

- Tilting spindle with sliding table model
- Table area 27-1/2"x35-1/2" (700x900mm)
- 5HP / 3PH standard

## Specifications:

| MODEL                           | YL-525M, MS                                       | YL-525T, TS              |
|---------------------------------|---------------------------------------------------|--------------------------|
| Spindle dia.                    | 3/4", 1", 1-1/4", 1-3/8" (19, 25.4, 30, 35mm)     |                          |
| Spindle speed                   | 3000 / 4500 / 7500 / 10000 rpm                    |                          |
| Taper of spindle                | MK5                                               |                          |
| Spindle motor                   | 5HP / 3PH                                         |                          |
| Spindle travel                  | 5" (130mm)                                        |                          |
| Spindle capacity under nut      | 3-1/4", 3-3/4", 4-1/2" (3/4", 1", 1-1/4" spindle) |                          |
| Tilting angle                   | —                                                 | -5° ~ 0° ~ +45°          |
| Max. table insert diameter      | 8-5/8" (220mm)                                    |                          |
| Table size                      | 27-1/2" x 35-1/2" (700 x 900mm)                   |                          |
| Table height                    | 35-1/2" (900mm)                                   |                          |
| Sliding table size (525MS/TS)   | 35-1/2" x 9" (900 x 230mm)                        |                          |
| Sliding table travel (525MS/TS) | 32-1/2" (830mm)                                   |                          |
| Fence size                      | 127 x 425mm x 2pcs                                |                          |
| N.W.                            | 345kgs                                            | 360kgs 370kgs 400kgs     |
| G.W.                            | 390kgs                                            | 405kgs 420kgs 450kgs     |
| Packing dimensions              | 42"(L) x 38"(W) x 50"(H)                          | 42"(L) x 42"(W) x 50"(H) |

\* Specifications and design characteristics are subject to change without prior notice.

## Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- Hold down springs: Vertical set of two pieces. Horizontal set of two pieces.
- 2 Table inserts (6-3/8" & 8-5/8")
- Precision fence with 4" dust outlet
- Parts & Operations Books
- Service tool kit

## Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



# 625series

## Outstanding Features

### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (3/4", 1", 1-1/4", 1-3/8" or in metric sizes 19mm, 25.4mm, 30mm, 35mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 5" (130mm).

### TILTING SPINDLE:

The tilting spindle provides angle cutting from -5° ~ 0° ~ +45°. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.

### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

### TABLE INSERTS:

The spindle is fitted with 2 insert rings (6-3/8" & 8-5/8") permitting use of a wide variety of shaper cutters.

### FENCE:

The fence assembly is attached with a 4" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob.

### TABLE:

The massive table is made from high quality, rib reinforced and temper heat treated cast iron for maximum strength and wear resistance. Table surface is precision ground and polished.

### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.

### FOOT SPINDLE BRAKE:

Treadle plate provides instant stop of the running spindle after shutting off the power.

## Specifications:

| Model                           | YL-625M, MS                                       | YL-625T, TS              |
|---------------------------------|---------------------------------------------------|--------------------------|
| Spindle diameter                | 3/4", 1", 1-1/4", 1-3/8" (19, 25.4, 30, 35mm)     |                          |
| Spindle speed                   | 3,000, 4,500, 7,500, 10,000 rpm                   |                          |
| Taper of spindle                | MK5                                               |                          |
| Spindle motor                   | 7.5HP / 3PH                                       |                          |
| Spindle travel                  | 5" (130mm)                                        |                          |
| Spindle capacity under nut      | 3-1/4", 3-3/4", 4-1/2" (3/4", 1", 1-1/4" spindle) |                          |
| Tilting angle                   | —                                                 | -5° ~ 0° ~ +45°          |
| Max. table insert diameter      | 8-5/8" (220mm)                                    |                          |
| Table size                      | 41-3/8" x 31-1/8" (1050 x 800mm)                  |                          |
| Table height                    | 35-1/2" (900mm)                                   |                          |
| Sliding table size (625MS/TS)   | 1050 x 250mm                                      |                          |
| Sliding table travel (625MS/TS) | 38" (970mm)                                       |                          |
| Fence size                      | 127 x 425mm x 2pcs                                |                          |
| N.W.                            | 400kgs                                            | 430kgs                   |
| G.W.                            | 460kgs                                            | 490kgs                   |
| Packing dimensions              | 48"(L) x 37"(W) x 50"(H)                          | 48"(L) x 46"(W) x 50"(H) |

\* Specifications and design characteristics are subject to change without prior notice.

## Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- Hold down springs: Vertical set of two pieces. Horizontal set of two pieces.
- 2 Table inserts (6-3/8" & 8-5/8")
- Precision fence with 4" dust outlet
- Parts & Operations Books
- Service tool kit

## Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



**YL-625M**

- Fixed table model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Spindle foot brake



**YL-625MS**

- Sliding table model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Spindle foot brake



**YL-625T**

- Tilting spindle model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Spindle foot brake



**YL-625TS**

- Tilting spindle with sliding table model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Spindle foot brake



# 635series

## Outstanding Features

### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (3/4", 1", 1-1/4", 1-3/8" or in metric sizes 19mm, 25.4mm, 30mm, 35mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 5" (130mm).

### TILTING SPINDLE:

The spindle can be tilted 45° backward and 5° forward.

### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

### TABLE INSERTS:

The spindle is fitted with 2 insert rings (6-3/8" & 8-5/8") permitting use of a wide variety of shaper cutters.

### FENCE:

The fence assembly is attached with a 4" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob.

### TABLE:

The massive table is made from high quality, rib reinforced and temper heat treated cast iron for maximum strength and wear resistance. Table surface is precision ground and polished.

### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.

### ELECTRONIC MOTOR BRAKE:

The electronic motor brake provides instant stop of the running motor.



### YL-635T

- Tilting spindle model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Electronic motor brake

### YL-635TS

- Tilting spindle with sliding table model
- Table area: 41-3/8" x 31-1/2" (1050 x 800mm)
- 7.5HP / 3PH
- Electronic motor brake

## Specifications:

| Model                           | YL-635T                                           | YL-635TS                 |
|---------------------------------|---------------------------------------------------|--------------------------|
| Spindle diameter                | 3/4", 1", 1-1/4", 1-3/8" (19, 25.4, 30, 35mm)     |                          |
| Spindle speed                   | 3,000, 4,500, 7,500, 10,000 rpm                   |                          |
| Taper of spindle                | MK5                                               |                          |
| Spindle motor                   | 7.5HP / 3PH                                       |                          |
| Spindle travel                  | 5" (130mm)                                        |                          |
| Spindle capacity under nut      | 3-1/4", 3-3/4", 4-1/2" (3/4", 1", 1-1/4" spindle) |                          |
| Tilting angle                   | -5° ~ 0° ~ +45°                                   |                          |
| Max. table insert diameter      | 8-5/8" (220mm)                                    |                          |
| Table size                      | 41-3/8" x 31-1/8" (1050 x 800mm)                  |                          |
| Table height                    | 35-1/2" (900mm)                                   |                          |
| Sliding table size (635MS/TS)   | -                                                 | 1050 x 250mm             |
| Sliding table travel (635MS/TS) | -                                                 | 38" (970mm)              |
| Fence size                      | 127 x 425mm x 2pcs                                |                          |
| N.W.                            | 500kgs                                            | 545kgs                   |
| G.W.                            | 576kgs                                            | 621kgs                   |
| Packing dimensions              | 48"(L) x 37"(W) x 50"(H)                          | 48"(L) x 46"(W) x 50"(H) |

\* Specifications and design characteristics are subject to change without prior notice.

## Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- Hold down springs: Vertical set of two pieces. Horizontal set of two pieces.
- 2 Table inserts (6-3/8" & 8-5/8")
- Precision fence with 4" dust outlet
- Parts & Operations Books
- Service tool kit

## Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



### SPECIAL BACKWARD TILTING SPINDLE

- The spindle can be tilted 45° backward and 5° forward.
- The spindle is specially designed with backward tilting, allowing cutter to be mounted at a lower position for increased stability and safety.



# 735series

## Outstanding Features

### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (1", 1-1/4", 1-3/8", 1-1/2" or in metric sizes 25.4mm, 30mm, 35mm, 40mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 7" (180mm).

### TILTING SPINDLE:

The tilting spindle provides angle cutting from -5° ~ 0° ~ +45°. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.

### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.



**YL-735M**

- Fixed table model
- Table area 36-1/2" x 48" (930 x 1220mm)
- 7.5HP / 3PH motor (10HP / 3PH opt.)

### TABLE INSERTS:

The spindle is fitted with 3 or 5 insert rings permitting use of a wide variety of shaper cutters. Maximum insert opening diameter is 13-1/4", allowing use of insert cutterheads.

### FENCE:

Precision machined fence provides the accuracy demanded in complex shaping applications. The fences are supported by a massive cast iron body and integrated with a 5° dust outlet.

### TABLE:

The massive table is made from high quality, rib reinforced and temper heat treated cast iron for maximum strength and wear resistance. Table surface is precision ground and polished.

### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.

### FOOT SPINDLE BRAKE:

Treadle plate provides instant stop of the running spindle after shutting off the power.

### FOOT SPINDLE LOCK:

The spindle is foot treadle locked for convenient cutter and spindle change.



**YL-735MS**

- Sliding table model
- Table area 36-1/2" x 48" (930 x 1220mm)
- 7.5HP / 3PH motor (10HP / 3PH opt.)

### Specifications:

| Model                                    | YL-735M                                                                 | YL-735T                  | YL-735MS                 | YL-735TS                 |
|------------------------------------------|-------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| Spindle diameter                         | 1", 1-1/4", 1-3/8", 1-1/2" (25.4, 30, 35, 40mm)                         |                          |                          |                          |
| Spindle travel                           | 7" (180mm)                                                              |                          |                          |                          |
| Tilting angle                            | —                                                                       | -5°~0°~+45°              | —                        | -5°~0°~+45°              |
| Spindle speeds                           | 3000 / 4500 / 7500 / 10000 rpm (4 Speeds)                               |                          |                          |                          |
| Spindle taper                            | MK5                                                                     |                          |                          |                          |
| Table size                               | 36-1/2" x 48" (930 x 1220mm)                                            |                          |                          |                          |
| Sliding table size                       | —                                                                       |                          | 13" x 48" (330 x 1220mm) |                          |
| Sliding table stroke                     | —                                                                       |                          | 46" (1170mm)             |                          |
| Table insert opening diameters (735M/MS) | Ø3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4" (100, 170, 210, 260, 336mm) |                          |                          |                          |
| Table insert opening diameters (735T/TS) | Ø8-1/4", 10-1/4", 13-1/4" (210, 260, 336mm)                             |                          |                          |                          |
| Spindle capacity under nut               | 4", 5-1/2", 5-1/2", 5-1/2" (1", 1-1/4", 1-1/2", 1-3/8" spindle)         |                          |                          |                          |
| Table height                             | 35-1/2" (900mm)                                                         |                          |                          |                          |
| Fence size                               | 146 x 600mm x 2pcs                                                      |                          |                          |                          |
| Motor horsepower                         | 7.5 HP / 3PH (10HP / 3PH optional)                                      |                          |                          |                          |
| N.W.                                     | 610kgs                                                                  | 680kgs                   | 680kgs                   | 720kgs                   |
| G.W.                                     | 680kgs                                                                  | 760kgs                   | 750kgs                   | 800kgs                   |
| Packing dimensions                       | 53"(L) x 42"(W) x 51"(H)                                                | 53"(L) x 52"(W) x 51"(H) | 53"(L) x 42"(W) x 51"(H) | 53"(L) x 52"(W) x 51"(H) |

\* Specifications and design characteristics are subject to change without prior notice.



**YL-735T**

- Tilting spindle model
- Table area 36-1/2" x 48" (930 x 1220mm)
- 7.5HP / 3PH motor (10HP / 3PH opt.)



**YL-735TS**

- Tilting spindle with sliding table model
- Table area 36-1/2" x 48" (930 x 1220mm)
- 7.5HP / 3PH motor (10HP / 3PH opt.)

### Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of one spindle size: Specify spindle diameter when ordering.
- Hold down springs:
  - Vertical set of two pieces.
  - Horizontal set of two pieces.
- 5 Table inserts (M/MS), 3 Table inserts (T/TS)
- Precision fence with 5° dust outlet
- Parts & Operations Books
- Service tool kit

### Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



# www.routmac.com

## INDUSTRIAL SPINDLE SHAPER

# 735series

### Specifications:

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| Model                          | YL-735L                                                                 |
| Spindle diameter               | 1", 1-1/4", 1-3/8", 1-1/2" (25.4, 30, 35, 40mm)                         |
| Spindle travel                 | 7" (180mm)                                                              |
| Spindle speeds                 | 3000 / 4500 / 7500 / 10000 rpm (4 Speeds)                               |
| Spindle taper                  | MKS                                                                     |
| Table size                     | 39" x 88" (980 x 2235mm) (with extension wings)                         |
| Table insert opening diameters | Ø3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4" (100, 170, 210, 260, 335mm) |
| Table height                   | 35-1/2" (900mm)                                                         |
| Fence size                     | 146 x 600mm x 2pcs                                                      |
| Motor horsepower               | 7.5HP / 3PH (10HP / 3PH optional)                                       |
| N.W.                           | 725kgs                                                                  |
| G.W.                           | 810kgs                                                                  |
| Packing dimensions             | 91"(L) x 44"(W) x 51"(H)                                                |

\* Specifications and design characteristics are subject to change without prior notice.

### Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- Hold down springs: Vertical set of two pieces. Horizontal set of two pieces.
- 5 Table inserts
- Precision fence with 5" dust outlet
- Parts & Operations Books
- Service tool kit

### Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



### YL-735L

#### BASIC SPINDLE SHAPER WITH TENONER TABLE

- The unit is identical to the LS-735M but is equipped with a 88" long tenoning table for maximum support of large parts and doors.
- Telescopic front table extension wing facilitates maximum support of large doors, panels and timbers. (Extends to 28" from the main shaper table)

# 800series

## Outstanding Features

### USER-FRIENDLY DIGITAL CONTROL

#### DIGITAL POSITION CONTROL

The digital position control is used together with powered spindle elevation, providing fast, convenient and accurate spindle positioning.



#### CENTRALIZED CONTROL PANEL

All of the machine controls are centralized on the control panel for added operational convenience. Major control functions on the control panel include: spindle rev./forw. switch, amp. meter, volt meter and the optional digital position control.



#### POWERED SPINDLE ELEVATION

The spindle elevation is driven by a 1 HP motor, providing fast and convenient spindle positioning adjustment. A handwheel equipped on the front of the machine cabinet provides manual micrometric adjustment for spindle positioning. The spindle elevation distance is 170 mm.

#### ELEVATION LIMIT SWITCH

The spindle elevation stroke is equipped with two limit switches providing over-stroke protection.

### Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- Hold down springs: Vertical set of two pieces. Horizontal set of two pieces.
- 5 Table inserts (M/MS/MD/MSD), 3 Table inserts (T/TS)
- Precision fence with 5" dust outlet
- Parts & Operations Books
- Service tool kit

### Optional Equipment:

- Digital display
- Routing operation
- Spindle front guard
- Optional spindle size available



### YL-800MD

- Fixed table model
- With digital position control
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



### YL-800MSD

- Sliding table model
- With digital position control
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



# www.routmac.com

# 8000series

## Outstanding Features

### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (1", 1-1/4", 1-3/8", 1-1/2" or in metric sizes 25.4mm, 30mm, 35mm, 40mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 6-5/8" (170mm).

### TILTING SPINDLE:

The tilting spindle provides angle cutting from -5° ~ 0° ~ +45°. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.

### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

### TABLE INSERTS:

The spindle is fitted with 3 or 5 insert rings permitting use of a wide variety of shaper cutters. Maximum insert opening diameter is 13-1/4", allowing use of insert cutterheads.

### FENCE:

Precision machined fence provides the accuracy demanded in complex shaping applications. The fences are supported by a massive cast iron body and integrated with a 5" dust outlet.

### EXTRA LARGE TABLE:

The increased table area provides solid support for big workpieces. The massive table is made from high quality, rib reinforced and temper heat treated cast-iron for wear resistance. Table surface is precision ground and polished.

### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.

### FOOT SPINDLE BRAKE:

Treadle plate provides instant stop of the running spindle after shutting off the power.

### FOOT SPINDLE LOCK:

The spindle is foot treadle locked for convenient cutter and spindle change.

## Specifications:

| Model                          | YL-800M                                                                         | YL-800MS                                                                        | YL-800T                                                            | YL-800TS                                                           | YL-800MD                                                                        | YL-800MSD                                                                       |
|--------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Spindle diameter               | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                              | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                              | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                 | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                 | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                              | 1", 1-1/4", 1-3/8", 1-1/2"<br>(25.4, 30, 35, 40mm)                              |
| Spindle travel                 | 6-5/8" (170mm)                                                                  | 6-5/8" (170mm)                                                                  | 6-5/8" (170mm)                                                     | 6-5/8" (170mm)                                                     | 6-5/8" (170mm)                                                                  | 6-5/8" (170mm)                                                                  |
| Tilting angle                  | —                                                                               | —                                                                               | -5° - 0° - +45°                                                    | -5° - 0° - +45°                                                    | —                                                                               | —                                                                               |
| Spindle speeds                 | 3000/4500/7500/10000<br>rpm (4 Speeds)                                          | 3000/4500/7500/10000<br>rpm (4 Speeds)                                          | 3000/4500/7500/10000<br>rpm (4 Speeds)                             | 3000/4500/7500/10000<br>rpm (4 Speeds)                             | 3000/4500/7500/10000<br>rpm (4 Speeds)                                          | 3000/4500/7500/10000<br>rpm (4 Speeds)                                          |
| Spindle taper                  | MK5                                                                             | MK5                                                                             | MK5                                                                | MK5                                                                | MK5                                                                             | MK5                                                                             |
| Table size                     | 36-1/2" x 61" (920mm x 1550mm)                                                  | 36-1/2" x 61" (920mm x 1550mm)                                                  | 36-1/2" x 61" (920mm x 1550mm)                                     | 36-1/2" x 61" (920mm x 1550mm)                                     | 36-1/2" x 61" (920mm x 1550mm)                                                  | 36-1/2" x 61" (920mm x 1550mm)                                                  |
| Sliding table size             | —                                                                               | 13" x 61"                                                                       | —                                                                  | 13" x 61"                                                          | —                                                                               | 13" x 61"                                                                       |
| Sliding table stroke           | —                                                                               | 54"                                                                             | —                                                                  | 54"                                                                | —                                                                               | 54"                                                                             |
| Table insert opening diameters | 3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4"<br>(/4" (100, 170, 210, 260, 335mm)) | 3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4"<br>(/4" (100, 170, 210, 260, 335mm)) | 8-1/4", 10-1/4", 13-1/4"<br>(210, 260, 335mm)                      | 8-1/4", 10-1/4", 13-1/4"<br>(210, 260, 335mm)                      | 3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4"<br>(/4" (100, 170, 210, 260, 335mm)) | 3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4"<br>(/4" (100, 170, 210, 260, 335mm)) |
| Spindle capacity under nut     | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle)              | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle)              | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle) | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle) | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle)              | 4", 5-1/2", 5-1/2", 5-1/2"<br>(1", 1-1/4", 1-1/2", 1-3/8" Spindle)              |
| Table height                   | 35-1/2"                                                                         | 35-1/2"                                                                         | 35-1/2"                                                            | 35-1/2"                                                            | 35-1/2"                                                                         | 35-1/2"                                                                         |
| Fence size (L x W)             | 146mm x 600mm<br>x 2pcs                                                         | 146mm x 600mm<br>x 2pcs                                                         | 146mm x 600mm<br>x 2pcs                                            | 146mm x 600mm<br>x 2pcs                                            | 146mm x 600mm<br>x 2pcs                                                         | 146mm x 600mm<br>x 2pcs                                                         |
| Motor horsepower               | 10HP/3PH (15HP/3PH Opt.)                                                        | 10HP/3PH (15HP/3PH Opt.)                                                        | 10HP/3PH (15HP/3PH Opt.)                                           | 10HP/3PH (15HP/3PH Opt.)                                           | 10HP/3PH (15HP/3PH Opt.)                                                        | 10HP/3PH (15HP/3PH Opt.)                                                        |
| N.W.                           | 720kgs                                                                          | 745kgs                                                                          | 745kgs                                                             | 840kgs                                                             | 745kgs                                                                          | 775kgs                                                                          |
| G.W.                           | 820kgs                                                                          | 845kgs                                                                          | 845kgs                                                             | 940kgs                                                             | 845kgs                                                                          | 875kgs                                                                          |
| Packing dimensions             | 65"(L) x 42"(W) x 52"(H)                                                        | 65"(L) x 42"(W) x 52"(H)                                                        | 65"(L) x 52"(W) x 52"(H)                                           | 65"(L) x 52"(W) x 52"(H)                                           | 65"(L) x 46"(W) x 52"(H)                                                        | 65"(L) x 46"(W) x 52"(H)                                                        |

\* Specifications and design characteristics are subject to change without prior notice.



**YL-800M**

- Fixed table model
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



**YL-800MS**

- Sliding table model
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



**YL-800T**

- Tilting spindle model
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



**YL-800TS**

- Tilting spindle with sliding table model
- Table area 36-1/2" x 61" (920 mm x 1,550 mm)
- 10 HP / 3PH motor (15 HP / 3PH optional)
- Foot spindle brake
- Foot spindle lock



## 2070 series

### Outstanding Features

#### INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters (1", 1-1/4", 1-3/8", 1-1/2" or in metric sizes 25.4mm, 30mm, 35mm, 40mm). Spindle has MK5 taper to ensure precision and allow quick changeover.

#### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by a four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

#### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.

#### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach. The travel distance is 6-5/8" (170mm).

#### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

#### TABLE INSERTS:

The spindle is fitted with 5 insert rings (3-15/16", 6-3/4", 8-1/4", 10-1/4", 13-1/4") permitting use of a wide variety of shaper cutters.

#### EXTRA LARGE TABLE:

The increased table area provides solid support for big workpieces. The massive table is made from high quality, rib reinforced and temper heat treated cast-iron for wear resistance. Table surface is precision ground and polished.

#### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.

#### FOOT SPINDLE BRAKE:

Treadle plate provides instant stop of the running spindle after shutting off the power.

#### FOOT SPINDLE LOCK:

The spindle is foot treadle locked for convenient cutter and spindle change.



### YL-2070

- Fixed table model
- Two spindle configuration
- Table area 61" x 37-3/4" (1550mm x 960mm)
- 7.5HP / 3PH motor x 2
- Foot spindle brake
- Foot spindle lock



### YL-2070S

- Sliding table model
- Two spindle configuration
- Table area 61" x 37-3/4" (1550mm x 960mm)
- 7.5HP / 3PH motor x 2
- Foot spindle brake
- Foot spindle lock

## DOUBLE SPINDLE SHAPER

### Specifications:

| Model                          | YL-2070                                                         | YL-2070S                              |
|--------------------------------|-----------------------------------------------------------------|---------------------------------------|
| Spindle diameter               | 1", 1-1/4", 1-3/8", 1-1/2" (25.4, 30, 35, 40mm)                 |                                       |
| Spindle travel                 | 6-5/8" (170mm)                                                  |                                       |
| Spindle capacity under nut     | 4", 5-1/2", 5-1/2", 5-1/2" (1", 1-1/4", 1-3/8", 1-1/2" spindle) |                                       |
| Spindle speeds                 | 3000 / 4500 / 7500 / 10000 rpm (4 Speeds)                       |                                       |
| Spindle taper                  | MK5                                                             |                                       |
| Sliding table size             | —                                                               | 60-3/4" x 12"                         |
| Sliding table stroke           | —                                                               | 55-1/8" (1400mm)                      |
| Distance between spindle       | 27-1/2" (700mm)                                                 | 27-1/2" (700mm)                       |
| Table size                     | 61" x 37-3/4" (1550mm x 960mm)                                  | 61" x 37-3/4" (1550mm x 960mm)        |
| Table insert opening diameters | Ø100, Ø170, Ø210, Ø260, Ø335mm                                  | Ø100, Ø170, Ø210, Ø260, Ø335mm        |
| Table height                   | 35-1/2"                                                         | 35-1/2"                               |
| Motor horsepower               | 7.5HP / 3PH x 2 (10HP / 3PH optional)                           | 7.5HP / 3PH x 2 (10HP / 3PH optional) |
| N.W.                           | 910kgs                                                          | 970kgs                                |
| G.W.                           | 1030kgs                                                         | 1090kgs                               |
| Packing dimensions             | 67-1/2" x 53" x 53"                                             | 67-1/2" x 53" x 53"                   |

\* Specifications and design characteristics are subject to change without prior notice.

### Standard Equipment:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering.
- 5 Table inserts
- 5" Dust outlet x 2pcs
- Parts & Operations Books
- Service tool kit

### Optional Equipment:

- Digital display
- Routing operation
- Optional spindle size available
- Precision cast iron and aluminum fence



### PRECISION CAST IRON AND ALUMINUM FENCE

The 2070 series can be fitted with a precision cast iron and aluminum fence to perform independent spindle shaping operations (Along with 4" dust outlet x 1pc).



## Outstanding Features

### Standard Equipment:



**RIGID, PRECISION SPINDLE:**  
The spindle assembly is carefully designed and manufactured to assure high precision and excellent cutting stability. Dynamically balanced for extra smooth running at high speed.

The spindle is supported by 4 class C3 ball bearings for outstanding rigidity and stability.

#### INTERCHANGEABLE SPINDLES:

Choice of several spindle diameters. Spindle has MK5 taper to ensure precision fitting and allow quick changeover.



#### QUICK SPINDLE SPEED CHANGE:

The spindle is driven by four-speed dynamically balanced pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.

#### REVERSIBLE SPINDLE ROTATION:

The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability to climb cut glued panels.



#### LIFTING SPINDLE:

The lifting spindle is moving up & down thanks to a lifting handwheel located on the side or on the front of the machine within easy reach.



#### TILTING SPINDLE:

The tilting spindle provides angle cutting from  $-5^\circ \sim 0^\circ \sim +45^\circ$ . Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.

#### SPINDLE RAISING:

The spindle is raised or lowered by a graduated precision handwheel, providing 1mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.

## 100% Quality Inspection for Excellence

### Superb Machine Stiffness

RUGGEDLY CONSTRUCTED THROUGHOUT FOR MAXIMUM STABILITY



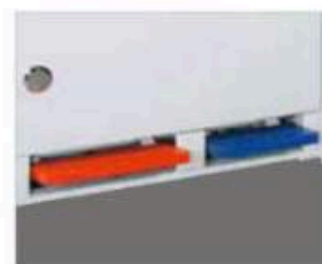
#### TABLE INSERTS:

The spindle is fitted with several insert rings permitting use of a wide variety of shaper cutters.



#### FENCE:

Cast aluminum alloy fence halves are precision machined. The fence assembly is attached with a 4" or 5" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob.



#### FOOT SPINDLE BRAKE:

Treadle plate provides instant stop of the running spindle after shutting off the power.

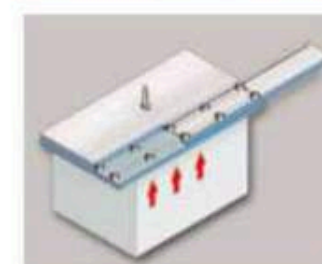
#### FOOT SPINDLE LOCK:

The spindle is foot treadle locked for convenient cutter and spindle change.



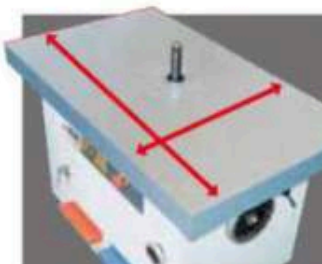
#### SLIDING TABLE:

The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.



#### EXCLUSIVE BEARING SUPPORT ON SLIDING TABLE:

The sliding table is equipped with bearings for full-support on the entire stroke without any overhang problem. Feed accuracy of sliding table is 0.002".



#### EXTRA LARGE TABLE:

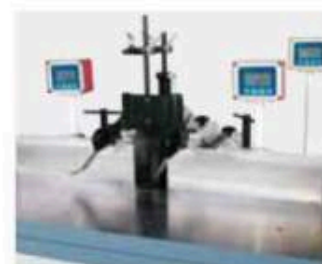
The increased table area provides solid support for big workpieces. The massive table is made from high quality, rib reinforced and temper heat treated cast-iron for wear resistance. Table surface is precision ground and polished.



#### ANGLE MITER GAUGE ASSEMBLY (S model):

- \* For straight and tilted operations.
- \* The miter gauge assembly is equipped with 1m long fence with swing stop.

### Optional Equipment:



#### DIGITAL DISPLAY

These displays accurately indicate spindle elevation, spindle angle and fence position.

#### ROUTING OPERATION

The MK5 taper on the spindle accepts a router collet system, providing maximum flexibility all in one shaping and routing machine.



#### SPINDLE FRONT GUARD:

The spindle front steel guard provides a great protection during cutting. The guard can be adjusted in up/down and front/back directions to suit various sizes of cutter.



**帶鋸機自送料  
(風壓)**  
BAND SAW FEEDER  
(pneumatic)



YL-28TBR YL-42TBR  
YL-36TBR YL-44TBR

| 型號規格                                         |              | YL-28TBR     | YL-36TBR  | YL-42TBR  | YL-44TBR  |
|----------------------------------------------|--------------|--------------|-----------|-----------|-----------|
| 鋸輪直徑和寬度(Wheel Diameter and face)             |              | m/m 710×90   | 910×90    | 1070×114  | 1117×116  |
| 使用鋸片規格<br>(Saw blade size)                   | 寬(Width)     | mm 100       | 100       | 127       | 127       |
|                                              | 長(Length)    | mm 5220-5290 | 6310-6350 | 7700-7800 | 8280-8380 |
|                                              | 厚(Thickness) | mm 20#-22#   | 20 #-22#  | 18#-20#   | 18#-20#   |
| 最大鋸切高度(Max. cutting diameter)                |              | m/m 200      | 300       | 400       | 400       |
| 送料輪至鋸片距離(Distance from feed roller to blade) |              | m/m 100      | 150       | 200       | 250       |
| 送料輪速度-可變速(Feed speed-Variable)               |              | m/min 0-20   | 0-20      | 0-20      | 0-20      |
| 鋸片至機座距離(Distance between saw & frame)        |              | m/m 355      | 430       | 505       | 525       |
| 鋸片至靠板最大距離(Max. distance between saw & gauge) |              | m/m 200      | 250       | 320       | 320       |
| 鋸輪容許轉速(Wheel allowable speed rpm)            |              | rpm 600-700  | 600-700   | 600-700   | 600-700   |
| 馬達動力(Motor power)                            |              | HP 15        | 25        | 30        | 40        |
| 淨重(Net weight)                               |              | kg 900       | 1200      | 1700      | 1900      |
| 毛重(Gross weight)                             |              | kg 1200      | 1500      | 2200      | 2400      |

[www.routmac.com](http://www.routmac.com)

**帶鋸機**  
BAND SAW



YL-36TB YL-42TB YL-44TB

| 型號規格                                          |              | YL-36TB      | YL-42TB   | YL-44TB   |
|-----------------------------------------------|--------------|--------------|-----------|-----------|
| 鋸輪直徑和寬度(Wheel Diameter and face)              |              | m/m 910×90   | 1070×114  | 1117×116  |
| 使用鋸片規格<br>(Saw blade size)                    | 寬(Width)     | mm 100       | 127       | 127       |
|                                               | 長(Length)    | mm 6310-6350 | 7700-7800 | 8280-8380 |
|                                               | 厚(Thickness) | mm 20#-22#   | 18#-20#   | 18#-20#   |
| 中心鋸割最大直徑(Max. cutting dia.)                   |              | m/m 720      | 880       | 930       |
| 鋸片至機座距離(Distance between saw & frame)         |              | m/m 430      | 505       | 525       |
| 鋸片至尺規板最大距離(Max. distance between saw & gauge) |              | m/m 290      | 360       | 360       |
| 鋸輪容許回轉速(Speed of Wheel)                       |              | rpm 600-700  | 600-700   | 600-700   |
| 馬達動力(Motor power)                             |              | HP 20-30     | 30-40     | 30-40     |
| 淨重(Net weight)                                |              | kg 1200      | 2000      | 2200      |
| 毛重(Gross weight)                              |              | kg 1300      | 2200      | 2400      |

**圓木鏈鋸機**  
CHAIN SAW LOGS (4 FEET 5FEET)

| 型號規格              | YL-05  | YL-6  |
|-------------------|--------|-------|
| 圓木鏈鋸機             | 5FEET  | 6FEET |
| 鋸板                | 4FEET  | 5FEET |
| 馬達動力(Motor Power) | HP 7.5 | 7.5   |



YL-05  
YL-06

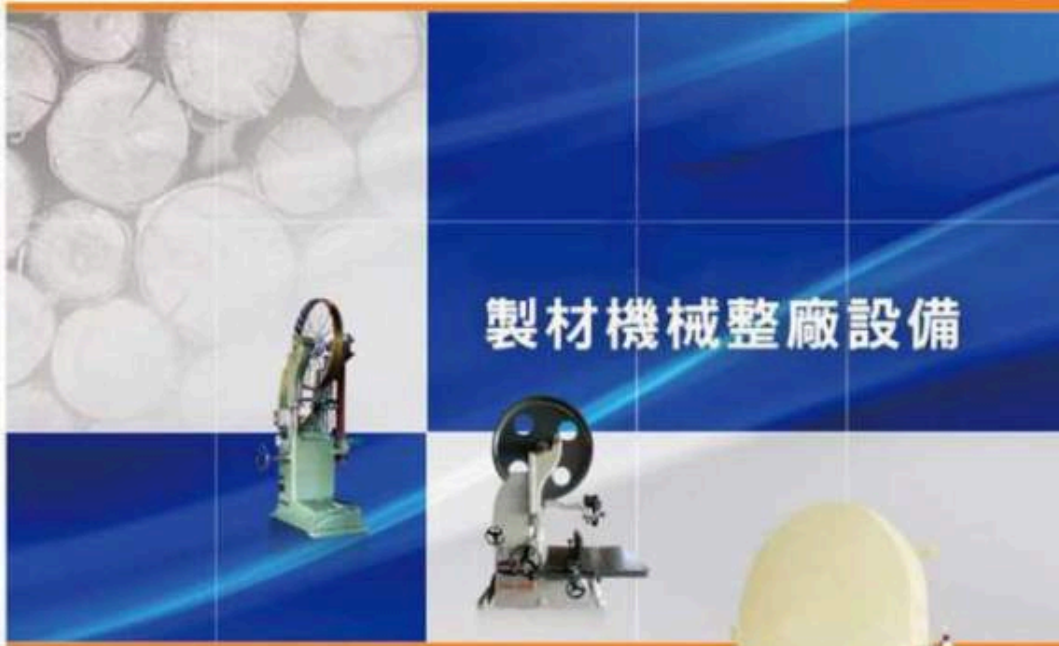
**鋸帶熔接機**  
CONTOUR BELT  
WELDING MACHINE



YL-48CC  
YL-48CC(小型)

| 型號規格                           | YL-48CC                     | YL-48CC(小型)                 |
|--------------------------------|-----------------------------|-----------------------------|
| 電壓(Voltage)                    | 220V                        | 110V/ 220V                  |
| 容量(Capacity)                   | 3.5KVA                      | 2.0KVA                      |
| 熔接範圍(Fusion scope)             | m/m Tooth width3-25         | Tooth width5-19             |
| 機械尺寸(Mechanical size)          | m/m 550×300×300             | 395×205×245                 |
| 砂輪馬達(Grinding wheelmotor)      | HP 1/8                      | 1/8                         |
| 外殼鐵箱(Outer covering iron tank) | 有外殼(Has the outer covering) | 有外殼(Has the outer covering) |
| 重量(Weight)                     | kg 30                       | 20                          |

**製材機械整廠設備**





## 彎鋸機

### BAND SCROLL SAW



Yl-26SB  
Yl-28SB

| 型號規格                                       |              | YL-26SB | YL-28SB |
|--------------------------------------------|--------------|---------|---------|
| 鋸輪直徑和寬度(Wheel Diameter and face)           | m/m          | 660-50  | 710-75  |
|                                            | 寬(Width)     | mm      | 12-50   |
|                                            | 長(Length)    | mm      | 4550    |
| 使用鋸片規格(Saw blade size)                     | 厚(Thickness) | mm      | 21#-24# |
|                                            | 厚(Thickness) | mm      | 21#-24# |
| 最大鋸切直徑(Max. diameter of log in center cut) | m/m          | 360     | 360     |
| 鋸片至機腹距離(Distance between saw and frame)    | m/m          | 600     | 620     |
| 鋸片至靠板最大距離(Max. distance from saw to fence) | m/m          | 350     | 350     |
| 鋸輪容許轉速(Permissible wheel speed)            | rpm          | 600-700 | 600-700 |
| 皮帶輪規格(Standard size of belt pulley)        |              | 10-A2T  | 10-A2T  |
| 馬達動力(Motor power)                          | HP           | 3       | 5       |
| 淨重(Net weight)                             | kg           | 400     | 450     |
| 毛重(Gross weight)                           | kg           | 500     | 500     |

## 帶鋸機附送料機

### BAND SCROLL SAW FEEDER



Yl-26SBR  
Yl-28SBR

| 型號規格                                       |              | YL-26SBR | YL-28SBR |
|--------------------------------------------|--------------|----------|----------|
| 鋸輪直徑和寬度(Wheel Diameter and face)           | m/m          | 660-50   | 710-75   |
|                                            | 寬(Width)     | mm       | 50       |
|                                            | 長(Length)    | mm       | 4550     |
| 使用鋸片規格(Saw blade size)                     | 厚(Thickness) | mm       | 21#-24#  |
|                                            | 厚(Thickness) | mm       | 21#-24#  |
| 最大鋸切直徑(Max. diameter of log in center cut) | m/m          | 120      | 150      |
| 鋸片至機腹距離(Distance between saw and frame)    | m/m          | 600      | 600      |
| 鋸片至靠板最大距離(Max. distance from saw to fence) | m/m          | 200      | 200      |
| 鋸輪容許轉速(Permissible wheel speed)            | rpm          | 600-700  | 600-700  |
| 皮帶輪規格(Standard size of belt pulley)        |              | 10-A2T   | 10-A2T   |
| 馬達動力(Motor power)                          | HP           | 5        | 5        |
| 淨重(Net weight)                             | kg           | 500      | 550      |
| 毛重(Gross weight)                           | kg           | 550      | 600      |

## 自動磨鋸機

### AUTO BAND SAW SHARPENER



Yl-48AA

| 型號規格                             |     | YL-48AA            |
|----------------------------------|-----|--------------------|
| 鋸片寬度範圍(Range of saw blade width) | m/m | 50-203(2"-8")      |
| 鋸條間距範圍(Range of saw blade pitch) | m/m | 19-38(3/4"-1 1/2") |
| 砂輪速度(Grinding wheel speed)       |     | 2100/2300RPM(50HZ) |
|                                  |     | 2450/2705RPM(60HZ) |
| 砂輪尺寸(Grinding wheel size)        | m/m | 203×19×13          |
| 刀片送料輪速度(Blade feed speed)        |     | 42m/min(50HZ)      |
| 馬達動力(Motor Power)                |     | 1HP-4P             |
| 外型尺寸(Dimensions)                 | m/m | 640×1080×800       |
| 淨重(Net weight)                   | kg  | 270(1case)         |
| 毛重(Gross weight)                 | kg  | 350(1case)         |

## 帶鋸機

### BAND SAW



Yl-26TB

| 型號規格                                       |              |     | YL-26TB   |
|--------------------------------------------|--------------|-----|-----------|
| 鋸輪直徑和寬度(Wheel Diameter and face)           |              | m/m | 710×90    |
| 使用鋸片規格<br>(Saw blade size)                 | 寬(Width)     | mm  | 100       |
|                                            | 長(Length)    | mm  | 5220-5290 |
|                                            | 厚(Thickness) | mm  | 20#-22#   |
| 最大鋸切直徑(Max. diameter of log in center cut) |              | m/m | 620       |
| 鋸片至機腹距離(Distance between saw and frame)    |              | m/m | 355       |
| 鋸片至靠板最大距離(Max. distance from saw to fence) |              | m/m | 250       |
| 鋸輪容許轉速(Permissible wheel speed)            |              | rpm | 600-700   |
| 馬達動力(Motor power)                          |              | HP  | 7 1/2-15  |
| 淨重(Net weight)                             |              | kg  | 900       |
| 毛重(Gross weight)                           |              | kg  | 1000      |

## 自動送材機

### LGHT DUTY AUTO-FEED CARRIAGE



Yl-44LD  
Yl-48LD

| 型號規格                                               |     | YL-44LD | YL-48LD |
|----------------------------------------------------|-----|---------|---------|
| 最大能開度(Max. Opening of headblock)                   | m/m | 1120    | 1220    |
| 標準三座扶材架長度(Length of standard 4-headblock carriage) | m/m | 4600    | 4835    |
| 軌道長度,每邊(Length of rails for the above,each)        | m/m | 16320   | 16320   |
| 鋼軌中心距離(Distance between rails)                     | m/m | 1303    | 1420    |
| 車輪直徑(Diameter of truck wheels)                     | m/m | 250     | 250     |
| 最大送料速度(Standard cattilage speed. up to R.P.M)      |     | 45      | 45      |
| 最大後退速度(Standard return speed. up to R.P.M.)        |     | 90      | 90      |
| 馬達動力(Motro power)                                  | HP  | 5-10    | 5-10    |
| 淨重(Net weight)                                     | kg  | 3000    | 3200    |
| 毛重(Gross weight)                                   | kg  | 3250    | 3500    |

## 磨鋸機

### AUTO BAND SAW SHARPENER



Yl-48A

| 型號規格                      |    | YL-48A |
|---------------------------|----|--------|
| 最大磨鋸寬度(Max. blade width)  |    | 6"     |
| 砂輪尺寸(Grinding wheel size) |    | 8"-10" |
| 馬達(Motor Power)           | HP | 1      |
| 淨重(Net weight)            | kg | 170    |
| 毛重(Gross weight)          | kg | 240    |

## 伸鋸機

### BAND SAWBLADE STRETCHER



Yl-48B

| 型號規格                     |    | YL-48B  |
|--------------------------|----|---------|
| 最大伸鋸寬度(Max. blade width) |    | 6"or 8" |
| 馬達動力(Motor Power)        | HP | 1       |
| 淨重(Net weight)           | kg | 80      |
| 毛重(Gross weight)         | kg | 130     |

## 圓木帶鋸機

### LOG BAND MILL (BIG LOG)



Yl-42LB  
Yl-44LB  
Yl-48LB

| 型號規格                                  |              | YL-42LB  | YL-44LB   | YL-48LB   |
|---------------------------------------|--------------|----------|-----------|-----------|
| 鋸輪直徑和寬度(Wheel Diameter and face)      | m/m          | 1070x114 | 1110×140  | 1200×150  |
|                                       | 寬(Width)     | mm       | 127       | 150       |
|                                       | 長(Length)    | mm       | 7700-7800 | 8300-8600 |
| 使用鋸片規格(Saw blade size)                | 厚(Thickness) | mm       | 18#-20#   | 18#-20#   |
|                                       | 厚(Thickness) | mm       | 18#-20#   | 18#-20#   |
| 最大鋸切尺寸(高×寬)(Max. cutting size -H×W)   | m/m          | 900x500  | 1200×525  | 1560×600  |
| 鋸片至機腹距離(Distance between saw & frame) | m/m          | 500      | 525       | 600       |
| 鋸輪轉速(Speed of wheel)                  | rpm          | 500-700  | 500-700   | 500-700   |
| 皮帶輪規格(Standard size of belt pulley)   | m/m          | 355      | 355       | 455       |
| 馬達動力(Motro power)                     | HP           | 30-40    | 40-50     | 50-75     |
| 淨重(Net weight)                        | kg           | 1700     | 2000      | 3000      |
| 毛重(Gross weight)                      | kg           | 2200     | 2600      | 3600      |

## 接鋸機

### (焊接鋸片)

### BAND SAWBLADE BRAZING CLAMP



Yl-48C

| 型號規格                         |    | YL-48C  |
|------------------------------|----|---------|
| 接鋸寬度(Welding width of blade) |    | 1/2"-6" |
| 淨重(Net weight)               | kg | 60      |
| 毛重(Gross weight)             | kg | 130     |

## 帶鋸打鋸機

### Product info



Yl-48D

| 型號規格                             |    | YL-48D      |
|----------------------------------|----|-------------|
| 最大伸鋸寬度(Max.sawblade width)       |    | 1/2"-4"     |
| 淨重(Net weight)                   | kg | 50          |
| 毛重(Gross weight)                 | kg | 70          |
| 機械尺寸(Machine dimensions)-(L×W×H) |    | 18"×20"×48" |

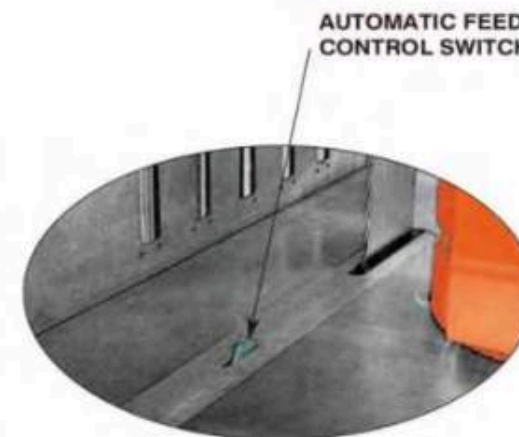


## Designed for Curve and Rip Cutting - In a Single Band Saw!

- Crown shaped wheel surface provides added stability of blade.
- The foot brake permits the quick shut down of machining operations.
- Infinitely variable feed speed, feed speed, for cutting various types of wood material-both soft and hard.
- A centralized control panel is located at the normal operating position for convenient machine control.
- An amp meter indicates the percentage of motor load.
- The heavy gauge steel frame ensures maximum stability.
- The big table, 1400X850mm, provides solid support for large sawing operations.
- Pneumatic power feeder.
- Top and bottom feed roller for convenient feeding of thick and thin stocks.
  - Choice of various feed gears to feed square, round and curved stock.
  - Automatic lubricator for lubricating cooling the blade.



1.



### AUTOMATIC FEED CONTROL

Eliminating the conventional handwheel adjustment of feed roller position, the feed control on this machine is air operated for automatic and convenient adjustment to suit various stocks.



The wheel cleaning cloth provides continuous cleaning & lubrication on the saw wheel.

### SPECIFICATIONS

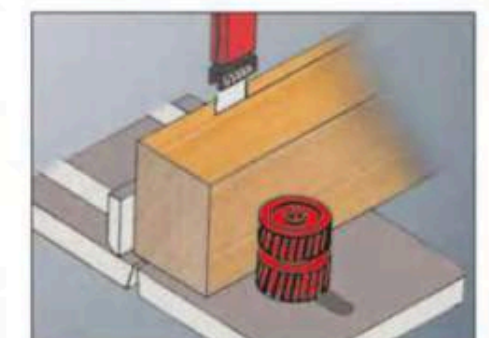
| MODEL                            | YL-900HA                             |
|----------------------------------|--------------------------------------|
| SAW WHEEL DIAMETER               | 900 mm (36")                         |
| TABLE SIZE                       | 1400 x 850 mm<br>(55 1/8" x 33 1/2") |
| TABLE HEIGHT FROM FLOOR          | 1030 mm (40 5/8")                    |
| MAX.DISTANCE FROM GUIDE TO TABLE | 400 mm (15 3/4")                     |
| BLADE LENGTH                     | 5909-5999 mm                         |
| WIDTH OF BLADE                   | 125 mm                               |
| FENCE OPERATING                  | 370 mm (14 5/8")                     |
| FEED OPERATING                   | 350 mm (13 3/4")                     |
| DUST HOOD DIAMETER               | ø5" x 2                              |
| AIR PRESSURE                     | 5 kg/cm <sup>2</sup>                 |
| FEED SPEED (VARIABLE)            | 8-32 m/min(26-105 ft/min)            |
| SAW WHEEL DRIVE MOTOR            | 30 HP (25,40HP OPTIONAL)             |
| FEED DRIVE MOTOR                 | 2 HP                                 |
| BLADE LINEAR SPEED               | 2300 m/min(7500 ft/min)              |
| NET WEIGHT                       | 1750 kgs                             |
| GROSS WEIGHT                     | 2000 kg                              |
| MACHINE SIZE(L x W x H)          | 1980 x 1230 x 2540 mm                |
| PACKING SIZE(L x W x H)          | 2650 x 1450 x 2200 mm                |

Design and specifications are subject to change without prior notice.



### FEED ROLLER SET

The top and bottom feed roller construction is designed to feed thick and thin stock. The top feed roller may be removed when feeding thin stock.



### OPTIONAL FEED ROLLER

The figure shows a double bevel gear set applied for square stock. When requested, other types of feed gears are available to feed round and curved stocks.

2.



Eliminate hand feeding and increase the efficiency of straight resaw operations.



### DESIGNED FOR SMOOTH CUTTING AND TROUBLE-FREE OPERATION

- Specially designed Bakelite fitted on the blade guide assembly giving rigid, positive side support.
- The table is made of cast iron and the surface is precision ground. The table can tilt to a maximum of 45 degrees, front downward, for different blade widths.
- The cast iron top and bottom saw wheels are precision machined and dynamically balanced for smooth running.
- Crown shaped wheel surface provides added stability of blade.
- The see-through guard provides operator safety and protection.
- The foot brake permits the quick shut down of machining operations.
- The heavy gauge steel frame ensures stable and vibration free cutting.
- 4" diameter exhaust chute supplied standard.

3.



Picture shown pneumatic power feeder is optional.



### BLADE ADJUSTMENT MECHANISM

1. Blade guide fixing knob
2. Blade guide raising hand wheel
3. Blade track adjustment hand wheel or knob
4. Blade tension hand wheel
5. Blade tension indicator



### CONVENIENT TABLE TILTING

Warm gear trunnion allows for effortless tilting of the table.



### ELECTRICAL CONTROL PANEL

The electrical control switches are centralized on a control panel for operation convenience. The blade start is controlled by a Y-starting switch for safe and smooth starting of the blade. .

### SPECIFICATIONS

| MODEL                    | YL-600                                  | YL-700                                   | YL-800                                   |
|--------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|
| SAW WHEEL DIAMETER       | 600 mm (24")                            | 700 mm (28")                             | 800 mm (32")                             |
| TABLE SIZE               | 800 x 605 mm<br>(31 - 1/2" x 23 - 7/8") | 1000 x 700 mm<br>(39 - 3/8" x 27 - 5/8") | 1150 x 800 mm<br>(45 - 1/4" x 31 - 1/2") |
| TABLE TILTING            | 0° ~ 45°                                | 0° ~ 45°                                 | 0° ~ 30°                                 |
| THROAT CAPACITY          | 580 mm (22 - 7/8")                      | 678 mm (26 - 3/4")                       | 778 mm (30 - 5/8")                       |
| HEIGHT CAPACITY          | 350 mm (13 - 3/4")                      | 420 mm (16 - 1/2")                       | 390 mm (15 - 3/8")                       |
| WIDTH OF WHEEL           | 68 mm                                   | 75 mm                                    | 90 mm                                    |
| BLADE SPEED              | 710 RPM (4458 F.P.M)                    | 600 RPM (4396 F.P.M)                     | 600 RPM (5024 F.P.M)                     |
| BLADE LENGTH             | 4394~4454 mm<br>(173"~175 - 3/8")       | 5100~5150 mm<br>(200 - 3/4"~202 - 3/4")  | 5485~5515 mm<br>(216"~217 - 1/8")        |
| BLADE WIDTH              | 75 mm(3")                               | 75 mm(3")                                | 100 mm(4")                               |
| DUST HOOD DIAMETER       | ø4" x 2                                 | ø4" x 2                                  | ø4" x 2                                  |
| MOTOR                    | 5 HP 3ø                                 | 7.5 HP 3ø                                | 15 HP 3ø                                 |
| NET WEIGHT               | 340 kg (748 lbs)                        | 500 kg (1100 lbs)                        | 665 kg (1463 lbs)                        |
| GROSS WEIGHT             | 450 kg (990 lbs)                        | 650 kg (1430 lbs)                        | 880 kg (1936 lbs)                        |
| MACHINE SIZE (L x W x H) | 1060 x 800 x 2070 mm                    | 1330 x 900 x 2290 mm                     | 1500 x 930 x 2420 mm                     |
| PACKING SIZE (L x W x H) | 2160 x 630 x 1100 mm                    | 2380 x 720 x 1210 mm                     | 2530 x 850 x 1410 mm                     |

Design and specifications are subject to change without prior notice.

4.



Designed for Curve and Rip Cutting - In a Single Band Saw!



### 2 in 1 Machine for Rip and Curve Sawing

Now you have a choice of combining scroll sawing and rip sawing in the one machine. Very heavy-duty design with an affordable price.



#### MITER GAUGE

Manufactured from cast aluminum, this miter gauge is suitable for straight and angle cutting. It provides 60° angle adjustment at the right and the left side with easy-to read graduated scale.



#### BLADE GUIDE

Convenient side guide adjustment is made through micrometric adjustment knob for narrow blades. Blade guide mechanism is equipped with bearing, providing rigid back-up support of blade.



The table can be tilted 45° front downward by direct hand tilting.

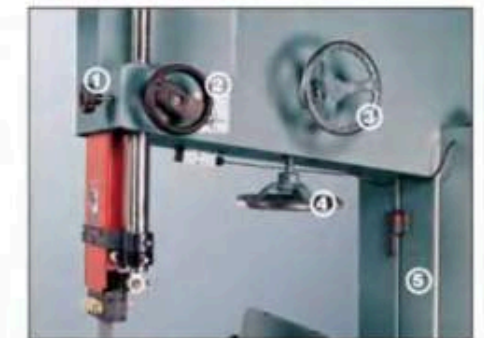


Laminated with wider 2"(50 mm.) rubber.

#### SAW WHEEL

The saw wheel suits blade widths from 1/4" to 2"(50MM) making this machine ideal for curve cutting and rip cutting.

The saw wheels are laminated with rubber for accurate blade tracking. Positive grip and maximum blade durability.



#### BLADE ADJUSTMENT MECHANISM

1. Blade guide fixing knob
2. Blade guide raising hand wheel
3. Blade track adjustment knob
4. Blade tension hand wheel
5. Blade tension indicator

### SPECIFICATIONS

| MODEL                    | YL-600A                                 | YL-950A                                  |
|--------------------------|-----------------------------------------|------------------------------------------|
| SAW WHEEL DIAMETER       | 600 mm (23-1/2")                        | 940 mm (37")                             |
| TABLE SIZE               | 800 x 605 mm<br>(31 - 1/2" x 23 - 3/4") | 1150 x 800 mm<br>(45 - 1/4" x 31 - 1/2") |
| TABLE TILTING            | 0° ~ 45°                                | 0° ~ 45°                                 |
| THROAT CAPACITY          | 580 mm (28 - 3/4")                      | 927 mm (36" ~ 1/2")                      |
| HEIGHT CAPACITY          | 350 mm (13 - 3/4")                      | 560 mm (22")                             |
| WIDTH OF WHEEL           | 50 mm (2")                              | 50 mm (2")                               |
| BLADE SPEED              | 710 RPM (4458 F.P.M)                    | 533 RPM (5500 F.P.M)                     |
| BLADE LENGTH             | 4410~4480 mm (173-5/8" ~ 176 - 1/2")    | 6580~6630mm (259"~261")                  |
| BLADE WIDTH              | 6.3 mm~50 mm (1/4" ~ 2")                | 6.3 mm~50 mm (1/4" ~ 2")                 |
| DUST HOOD DIAMETER       | ø4" x 2                                 | ø4" x 2                                  |
| MOTOR                    | 5 HP                                    | 10 HP                                    |
| NET WEIGHT               | 340 kg                                  | 720 kg                                   |
| GROSS WEIGHT             | 450 kg                                  | 930 kg                                   |
| MACHINE SIZE (L x W x H) | 1060 x 800 x 2070 mm                    | 1620 x 830 x 2880 mm                     |
| PACKING SIZE (L x W x H) | 2160 x 630 x 1100 mm                    | 2970 x 760 x 1550 mm                     |

Design and specifications are subject to change without prior notice.



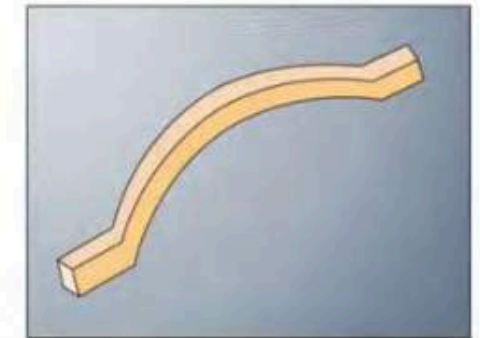
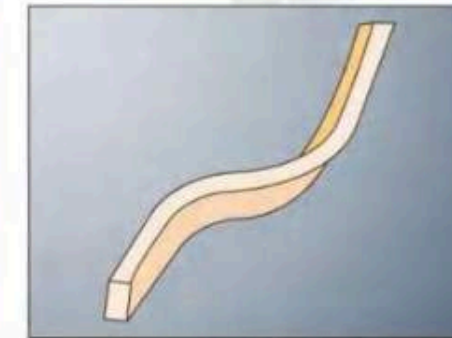
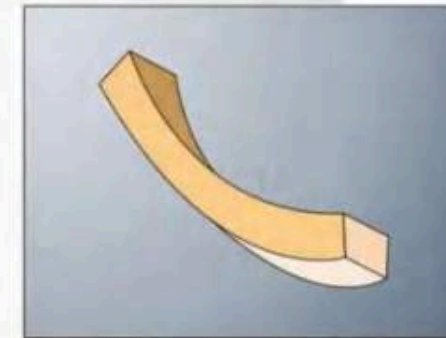
## Saw Wheel Laminated with Rubber



- The side guide is micrometrically adjustable providing convenient adjustment for narrow blades.
- The saw wheel are laminated with rubber for accurate blade tracking and slippage prevention.
- The table is made of cast iron and the surface is precision ground. The table can tilt to a maximum of 45 degrees, front downward, for bevel cuts.
- Blade tension can be conveniently adjusted by means of a hand wheel. A tension scale allows the operator to correctly adjust the tension for different blade widths.
- The see-trough guard provides operator safety and protection.
- The foot brake permits the shutdown of machining operations.
- The heavy gauge steel frame ensures stable and vibration-free cutting.
- 4" diameter exhaust supplied as standard.



Convenient side guide adjustment is made by a micrometric adjustment knob for use with narrow blades.



### RUBBER LAMINATED SAW WHEEL

The saw wheels on models HB-450R, HB-500R, 600R and 700R are Laminated with rubber for accurate blade tracking, a positive grip and maximum blade durability.

### SPECIFICATIONS

| MODEL                    | YL-450R                              | YL-500R                                 | YL-600R                                   | YL-700R                                  |
|--------------------------|--------------------------------------|-----------------------------------------|-------------------------------------------|------------------------------------------|
| SAW WHEEL DIAMETER       | 450 mm (18")                         | 500 mm (20")                            | 600 mm (24")                              | 700 mm (28")                             |
| TABLE SIZE               | 610 x 500 mm<br>(23 - 1/2" x 19")    | 680 x 520 mm<br>(26 - 3/4" x 20 - 1/2") | 800 x 608 mm<br>(31 - 1/2" x 20 - 1/2")   | 1000 x 700 mm<br>(39 - 3/8" x 27 - 5/8") |
| TABLE TILTING            | 0° ~ 45°                             | 0° ~ 45°                                | 0° ~ 45°                                  | 0° ~ 45°                                 |
| THROAT CAPACITY          | 430 mm (17")                         | 475 mm (18" ~ 3/4")                     | 580 mm (22 - 7/8")                        | 678 mm 26 - 3/4")                        |
| HEIGHT CAPACITY          | 245 mm (9 - 3/8")                    | 300 mm (11 - 7/8")                      | 350 mm (13 - 3/4")                        | 420 mm (16 - 1/2")                       |
| WIDTH OF WHEEL           | 30 mm                                | 35 mm                                   | 35 mm                                     | 40 mm                                    |
| BLADE SPEED              | 995 RPM (4685 F.P.M)                 | 850 RPM (4450 F.P.M)                    | 710 RPM (4458 F.P.M)                      | 680 RPM (4980 F.P.M)                     |
| BLADE LENGTH             | 3855~3885 mm<br>(151" - 3/4" x 153") | 3969~3999 mm<br>(156 - 1/4" x 157 1/2") | 4410~4480 mm<br>(173 - 5/8" x 176 - 3/8") | 5130~5180 mm<br>(202" x 204")            |
| BLADE WIDTH              | 6.3 mm~32 mm<br>(1/4" ~ 1 - 1/4")    | 6.3 mm~32 mm<br>(1/4" ~ 1 - 1/4")       | 6.3 mm~32 mm<br>(1/4" ~ 1 - 1/4")         | 6.3 mm~32 mm<br>(1/4" ~ 1 - 1/4")        |
| DUST HOOD DIAMETER       | ø4" x 1                              | ø4" x 1                                 | ø4" x 1                                   | ø4" x 1                                  |
| MOTOR                    | 2 HP, 220 V, 1 Ph                    | 2 HP                                    | 3 HP                                      | 5 HP                                     |
| NET WEIGHT               | 210 kg                               | 280 kg                                  | 315 kg                                    | 450 kg                                   |
| GROSS WEIGHT             | 280 kg                               | 350 kg                                  | 450 kg                                    | 600 kg                                   |
| MACHINE SIZE (L x W x H) | 860 x 560 x 1890 mm                  | 970 x 700 x 1880 mm                     | 1060 x 800 x 2070 mm                      | 1330 x 900 x 2290 mm                     |
| PACKING SIZE (L x W x H) | 1970 x 560 x 890 mm                  | 1970 x 580 x 1010 mm                    | 2160 x 630 x 1100 mm                      | 2380 x 650 x 1210 mm                     |

Design and specifications are subject to change without prior notice.



## YL-150 MECHANICAL POWER FEEDER

Eliminates hand feeding and increases efficiency of straight cutting operations. The feed direction is reversible and the infinitely variable feed speed makes it possible to feed all types of wood. Powered by a 1 HP motor, the power feeder provides powerful and smooth feeding performance. Width is conveniently adjusted by turning a handwheel. Feed roller is covered for safety guard. The entire power feeder assembly is easy to mount on the table. If required, the roller surface can be laminated with rubber to prevent scratching on the workpiece surface.



| SPECIFICATIONS           |                      |
|--------------------------|----------------------|
| MODEL                    | YL-150               |
| LENGTH OF ROLLER         | 150 mm               |
| DIAMETER OF ROLLER       | 200 mm               |
| FEED SPEED               | 16~66 F.P.M Variable |
| MOTOR                    | 1 HP                 |
| AIR PRESSURE             | Mechanical           |
| FENCE ADJUSTMENT RANGE   | 120 mm               |
| FEED OPENING             | 125 mm               |
| NET WEIGHT               | 90 kg                |
| GROSS WEIGHT             | 110 kg               |
| FEEDER SIZE (L x W x H)  | 640 x 440 x 500 mm   |
| PACKING SIZE (L x W x H) | 700 x 500 x 670 mm   |

Design and specifications are subject to change without prior notice.

## YL-150 A PNEUMATIC POWER FEEDER

**Eliminate hand feeding and increase the efficiency of straight cutting operations.**

The feed roller motion is controlled by an air cylinder, providing automatic and convenient adjustment for various stocks. The feeding pressure is adjustable. Width is conveniently adjusted by turning a handwheel. The feed roller running is driven by a 1 HP motor, providing powerful and smooth feeding performance. Feed roller is covered for added safety. Feed roller clamping and releasing motions are controlled by a foot switch for operation convenience. If required, the roller surface can be laminated with rubber to prevent scratching of the workpiece surface.



| SPECIFICATIONS           |                      |
|--------------------------|----------------------|
| MODEL                    | YL-150A              |
| LENGTH OF ROLLER         | 150 mm               |
| DIAMETER OF ROLLER       | 200 mm               |
| FEED SPEED               | 16~66 F.P.M Variable |
| MOTOR                    | 1 HP                 |
| AIR PRESSURE             | 5 kg/cm <sup>2</sup> |
| FENCE ADJUSTMENT RANGE   | 120 mm               |
| FEED OPENING             | 125 mm               |
| NET WEIGHT               | 110 kg               |
| GROSS WEIGHT             | 130 kg               |
| FEEDER SIZE (L x W x H)  | 640 x 440 x 500 mm   |
| PACKING SIZE (L x W x H) | 700 x 500 x 670 mm   |

Design and specifications are subject to change without prior notice.





## YL-HBR-300

### 重型壓料輪 (選購配備)

最小木料厚度 2mm

精度  $\pm 0.10\text{mm}$

適合複合式地板

最大加工高度 200mm



### 鋸帶鬆緊及軌跡調整

- 鋸帶鬆緊調整只需轉動手輪即可輕易調整，並附有鬆緊指示尺，使操作者可依各種不同鋸帶材質，調整最適當的鋸帶鬆緊。

- 鋸帶軌跡可利用軌跡手輪調整。

### 簡易操控面板

- 本機標準配備數值控制器，鋸切厚度設定極方面，精度高。
- 無段送料速度採用變頻控制，速度顯示在面板上。
- 本機所有動作完全由面板控制，展現最方面的操作特性。

### 規格：

| 機 型          | YL-HBR-300                                    |
|--------------|-----------------------------------------------|
| 最大木料縱面 (寬×高) | 12' × 12' (300 × 300 mm)                      |
| 可切削最小厚度      | 2 mm                                          |
| 鋸輪直徑         | 24' × 2 (600 mm × 2)                          |
| 鋸帶長度         | 183 - 7/8' ~ 184 - 1/8' (4670 ~ 4690 mm)      |
| 鋸帶寬度         | 1' ~ 1-1/2' (27 ~ 38 mm)                      |
| 鋸帶轉速         | 6000 FPM                                      |
| 送料帶尺寸 (寬×長)  | 10 - 1/2' × 165 - 1/2' (270 × 4200 mm)        |
| 送料速度 (可調整)   | 0 ~ 40 m/min                                  |
| 送料台斜角        | 0° ~ 30°                                      |
| 送料台高度        | 40" (1016 mm)                                 |
| 鋸輪馬達         | 20 HP                                         |
| 鋸帶升降馬達       | 1/2 HP                                        |
| 排屑口直徑        | Φ 4"                                          |
| 機台尺寸 (長×寬×高) | 88" × 85 - 1/4' × 74" (2235 × 2180 × 1880 mm) |
| 裝箱體積 (長×寬×高) | 90 - 1/2' × 88" × 80" (2300 × 2235 × 2032 mm) |
| 淨重           | 1200 kgs                                      |
| 總重           | 1400 kgs                                      |

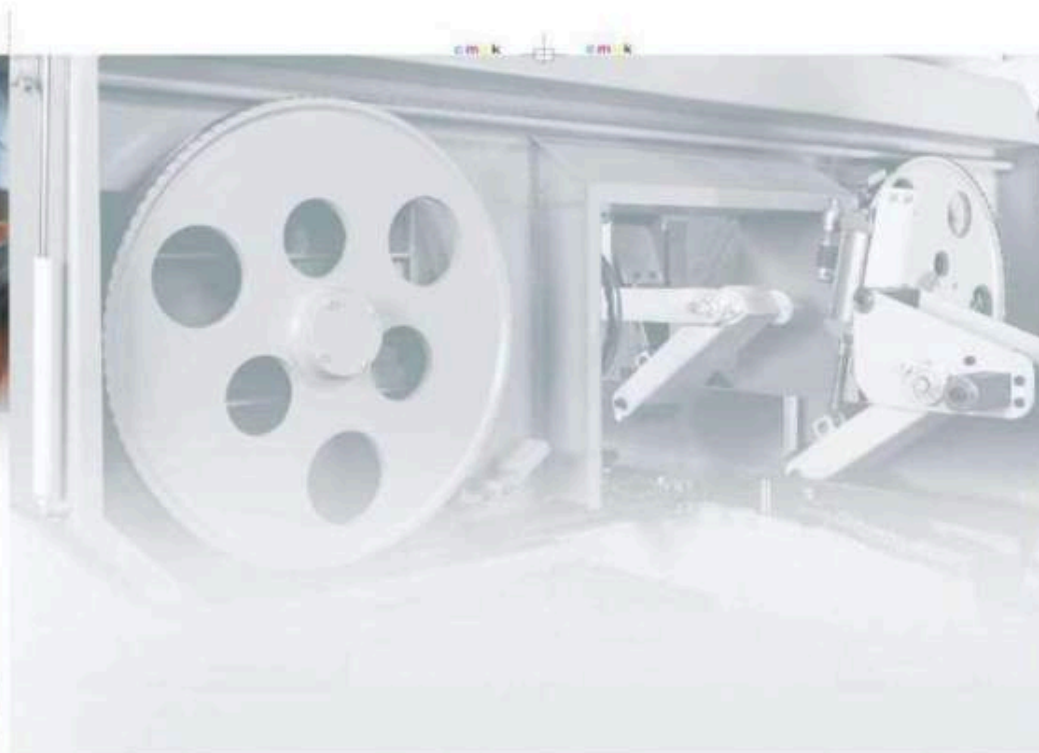
由於本公司不斷的研究改進本型號所示圖樣與規格特性本公司有變更之權利恕不另行通知。

### 標準配備：

- 20 HP 鋸輪馬達
- 薄片升降數位控制
- 送料速度變頻器
- 可傾斜送料台 0° ~ 30°
- 1-1/4' 鋸帶
- 工具箱及工具組

### 選購配備：

- 20 HP 帶隙變頻器
- 重型壓料輪



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## Horizontal Band Resaw 臥式帶鋸機



### YL-HBR-300 YL-HBR-400

精湛的設計  
最佳鋸切效率

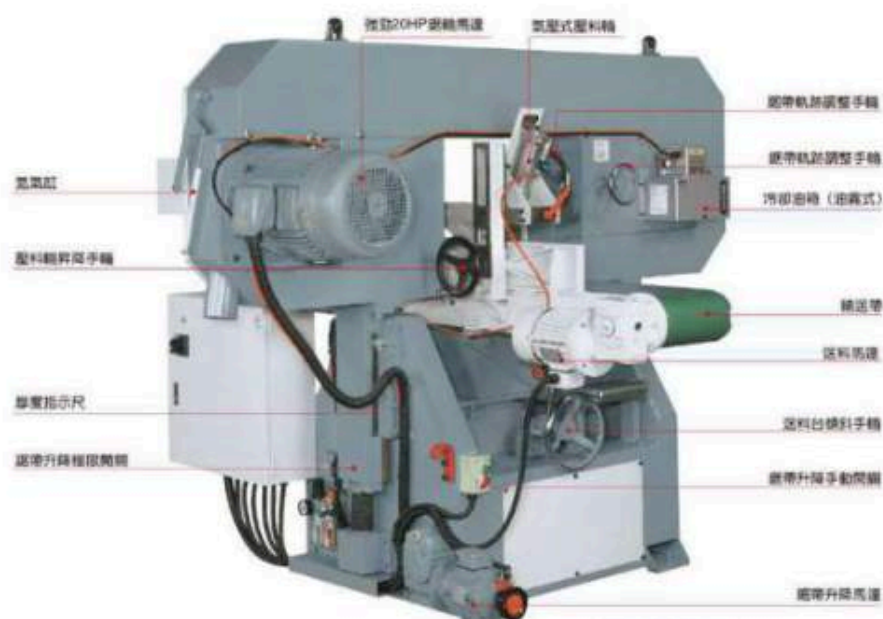
Perfectly Designed to  
Optimize Resaw Efficiency



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先進設計概念 · 新一代臥式帶鋸機。  
就是性能保證。

## YL-HBR-300



### 氣壓式壓料輪

- 摒除傳統彈簧式壓料設計，本機採用氣壓式壓料，針對各種不同厚度木料，節省壓料輪高低調整時間，提升操作之方便性。
- 壓料輪機構可作前後及上下位置調整，適合各種木料厚度之鋸切。
- 最大壓料厚度300mm。

### 簡易的壓料輪昇降調整

- 入料及出料壓料輪高度調整，經由齒輪帶動，調整方便快捷。

### 輸送帶側壓輪

- 當輸帶調整到傾斜角度作角度鋸切時，輸送帶旁邊之側壓輪，可提供木料之側支撐，以確保鋸切之穩定性及安全性。

### 可傾斜式送料台

- 送料台可作前傾30°調整，適合木料之角度鋸切。
- 送料台傾斜採用大型手輪調整，輕鬆不費力。
- 附有角度尺，可指示送料台的傾斜角度。

### 回料輸送架

- 本機之左側裝有滾輪式回料輸送架，方便木料回入料端再鋸切。
- 回料輸送架為標準配備。

### 鋸輪運轉順暢

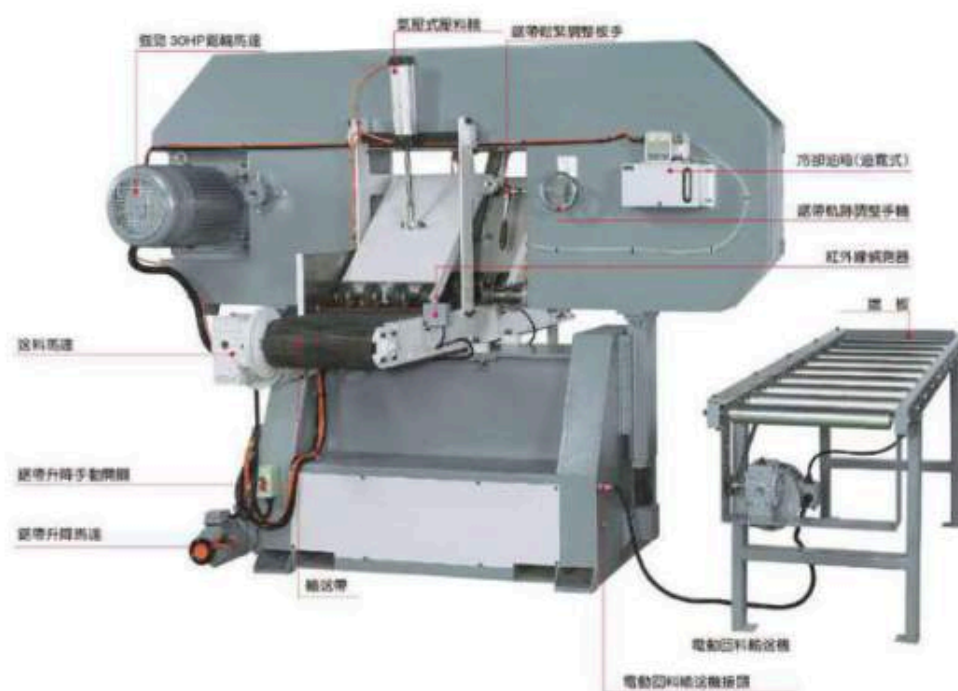
- 鋸輪採用鋼製製成，再經動平衡校正，保證運轉極為順暢，凸型輪面有效避免鋸帶滑出鋸輪。
- 鋸輪蓋利用2支氣缸墊起及支撐，方便鋸帶更換。

### 油霧式冷卻系統（標準配備）

- 本機採用油霧式冷卻系統，提供鋸帶高效率冷卻，並且可清除鋸齒上的木屑，大幅延長鋸帶壽命。

操控簡易！  
最簡易的厚度調整！  
操作方便性，獨一無二！

## YL-HBR-400



### 簡易操控面板

- 本機標準配備數值控制器，鋸切厚度設定極方面，精度高。
- 無段送料速度採用變頻控制，速度顯示在面板上。
- 本機所有動作完全由面板控制，展現最方面的操控特性。

### 獨特壓料輪設計

- 壓料輪動作隨著紅外線偵測器控制，不需額外厚度調整，大幅提升操作之方便性。
- 厚度範圍 10-400 mm。

### 電動回料輸送機

- 電動滾輪式回料輸送機，安裝在機架左邊，使木料重覆鋸切更方便、更省力。

### 鋸帶鬆緊導板

- 兩側鋸帶導板，操作特殊鋸鋼製成，耐磨耗性優異。

### 鋸帶鬆緊及軌跡調整

- 鋸帶鬆緊調整只需轉動板手即可輕易調整，並附有鬆緊指示尺，使操作者可依各種不同鋸帶材質，調整最適當的鋸帶鬆緊。
- 鋸帶軌跡可利用軌跡手輪調整。



## YL-HBR-400

### 規格：

| 機型             | YL-HBR-400                                            |
|----------------|-------------------------------------------------------|
| 最大木材截面（寬×高）    | 16'-1/2" × 16'-1/2" (420 × 410 mm)                    |
| 鋸帶至鋸送帶距離       | 1/4" × 10'-5/8" (5 × 270 mm)                          |
| 可切最小厚度         | 5 mm                                                  |
| 鋸輪直徑           | 32" × 2 (800 mm × 2)                                  |
| 鋸帶長度           | 183'-7/8" ~ 184'-1/4" (5860 ~ 5870 mm)                |
| 鋸帶寬度           | 2" (50 mm)                                            |
| 鋸帶轉速           | 6150 FPM                                              |
| 送料帶尺寸（寬×長）     | 16" × 165'-1/2" (400 × 4200 mm)                       |
| 送料速度（可調整）      | 0 ~ 40 m/min                                          |
| 回料輸送機尺寸（長×寬×高） | 100'-3/8" × 24'-3/4" × 32'-1/2" (2550 × 630 × 825 mm) |
| 送料台高度          | 40" (1016 mm)                                         |
| 回料輸送機馬達/變頻馬達   | 1 HP / 2 HP                                           |
| 鋸輪馬達           | 30 HP                                                 |
| 鋸帶升降馬達         | 1/2 HP                                                |
| 鋸帶導板           | 4" × 2 (100 mm × 2)                                   |
| 機台尺寸（長×寬×高）    | 3250 × 3300 × 2000 mm                                 |
| 裝箱體積（長×寬×高）    | 2750 × 2250 × 2200 mm                                 |
| 淨重 / 總重        | 1960 kgs / 2160 kgs                                   |

由於本公司不斷的研究改進本型號所示機械規格特性本公司有變更之權利恕不另行通知。

### 標準配備：

- 30 HP 鋸輪馬達
- 鋸片升降器位置
- 送料速度用變頻器
- 可傾斜送料台 0°~30°
- 2" 鋸帶
- 工具箱及工具組

### 選購配備：

- 30 HP 帶鋸變頻器



YL-700T / YL-800T / YL-900T

Achieve High Precision & Fast Stock Resawing With  
THAI FENG Vertical Band Resaw

**T Series** Vertical Band Resaw is the newest model of  
YUANLUNG products. This advanced engineering machine provides  
a fast and accurate cutting operation to  
meet the demands of flooring and  
pallet manufacturers. The YUANLUNG  
Band Resaw Series offers the  
highest performance  
and productivity for  
all your needs.



# High Speed Cutting

for flooring and pallet industry

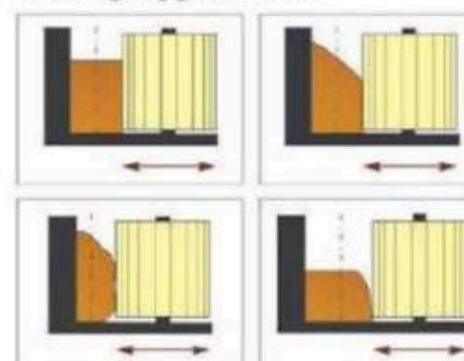
YL-700T / YL-800T / YL-900T



Powerful Feeding Rollers:



Cutting Applications:



## Specifications:

| MODEL                                            | YL-700T          | YL-800T          | YL-900T          |
|--------------------------------------------------|------------------|------------------|------------------|
| Minimum thickness of cut (最薄鋸切厚度)                | 3 mm             | 3 mm             | 3 mm             |
| Saw wheel diameter (鋸輪直徑)                        | 710mm            | 810mm            | 915mm            |
| Saw wheel width (鋸輪寬度)                           | 90mm             | 90mm             | 90mm             |
| Width of Saw blade (鋸片寬度)                        | 100mm            | 100mm            | 100mm            |
| Length of saw blade (鋸片長度)                       | 4850mm           | 5305mm           | 5760mm           |
| Max distance saw blade to roller fence (鋸片至靠板距離) | 185mm            | 210mm            | 230mm            |
| Max distance saw blade to feed roller (鋸片至送料輪距離) | 210mm            | 250mm            | 300mm            |
| Table height from floor (桌面至工作檯高度)               | 835mm            | 935mm            | 975mm            |
| Feeding speed (無段變速送料)                           | (Variable)       | (Variable)       | (Variable)       |
| Feeding drive motor (送料輪馬達)                      | 3 HP             | 3 HP             | 3 HP             |
| Wheel drive motor (鋸輪馬達)                         | 20HP             | 25HP             | 30HP             |
| Net/Gross weight (淨重/毛重)                         | 1700/1900kgs     | 2300/2500kgs     | 2800/3000 kgs    |
| Packing dimensions (包裝尺寸)                        | L228xW150xH225cm | L245xW153xH250cm | L262xW155xH255cm |

■ Specifications and features are subject to change without prior notice.



# High Speed Cutting

for flooring and pallet industry

**YL-700BWP / YL-800BWP / YL-900BWP**

Achieve High Precision, Fast Stock Resawing With  
THAI FENG Vertical Band Resaw

**BWP Series** Vertical Band Resaw is the newest model of **YUANLUNG** products. This advanced engineering machine provides a fast and accurate cutting operation to meet the demands of flooring and pallet manufacturers. **YUANLUNG** Band Resaw Series offers the highest performance and productivity for all your needs.



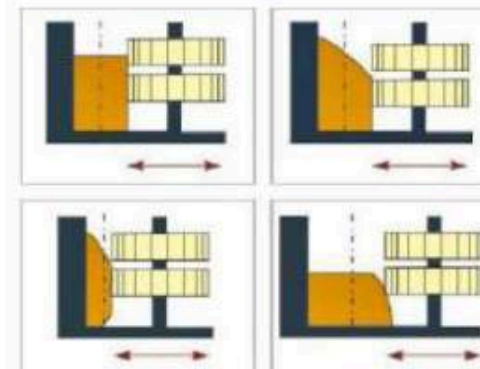
# High Speed Cutting

for flooring and pallet industry

**YL-700BWP / YL-800BWP / YL-900BWP**



## Cutting Applications:



## Specifications:

| MODEL                                            | YL-700BWP        | YL-800BWP        | YL-900BWP        |
|--------------------------------------------------|------------------|------------------|------------------|
| Saw wheel diameter (鋸輪直徑)                        | 710mm            | 810mm            | 915mm            |
| Saw wheel width (鋸輪寬度)                           | 90mm             | 90mm             | 90mm             |
| Width of Saw blade (鋸片寬度)                        | 100mm            | 100mm            | 100mm            |
| Length of saw blade (鋸片長度)                       | 4850mm           | 5305mm           | 5760mm           |
| Max distance saw blade to roller fence (鋸片至靠板距離) | 185mm            | 200mm            | 220mm            |
| Max distance saw blade to feed roller (鋸片至送料輪距離) | 190mm            | 190mm            | 190mm            |
| Cutting height (切削高度)                            | 200mm            | 250mm            | 300mm            |
| Table height from floor (桌面至工作檯高度)               | 835mm            | 935mm            | 975mm            |
| Feeding speed (無段變速送料)                           | (Variable)       | (Variable)       | (Variable)       |
| Feeding drive motor (送料輪馬達)                      | 1/2HP            | 1/2HP            | 1/2HP            |
| Wheel drive motor (鋸輪馬達)                         | 10HP             | 15HP             | 20HP             |
| Net/Gross weight (淨重/毛重)                         | 1100/1250kgs     | 1400/1580kgs     | 1700/1900 kgs    |
| Packing dimensions (包裝尺寸)                        | L228xW110xH225cm | L240xW115xH250cm | L260xW130xH255cm |

■ Specifications and features are subject to change without prior notice.



# 單片機 STRAIGHT LINE RIP SAW

## YL-14/YL-16



| 型號MODEL                        | YL-14                          | YL-16            |
|--------------------------------|--------------------------------|------------------|
| 鋸切馬力 Arbor Motor               | 10HP                           | 10HP/ 15HP       |
| 鋸片直徑<br>Saw Blade Diameter     | ø12"-ø14"                      | ø14"-ø16"        |
| 鋸軸直徑<br>Saw Arbor Diameter     | ø2"                            | ø2"              |
| 加工厚度<br>Working Thickness      | 70mm                           | 95mm             |
| 最大加工寬度<br>Max. Working Width   | 500mm                          | 560mm            |
| 主軸轉速<br>Spindle Rotation       | 2850 rpm/ 50Hz, 3600 rpm/ 60Hz |                  |
| 進料馬力<br>Feeding Motor          | 3HP                            |                  |
| 送料速度<br>Feeding Speed          | 10~25/ 50Hz                    |                  |
| 變速 (m/min)<br>Variable (m/min) | 12~29/ 60Hz                    |                  |
| 工作台面尺寸<br>Table Size           | 1665x1020mm                    | 1720x1070mm      |
| 淨重/毛重 N.W./G.W.                | 290/1250 kgs                   | 1100/1400        |
| 包裝尺寸 Packing Size              | 1850x1130x1700mm               | 1920x1650x1750mm |

## YL-303/YL-303S



| 型號MODEL                               | YL-303             | YL-303S |
|---------------------------------------|--------------------|---------|
| 最大加工厚度<br>Max. Working Thickness      | 85 mm              |         |
| 鋸片直徑<br>Saw Blade Diameter            | 200-300mm          |         |
| 鋸片至機身距離<br>Distance from Blade to Arm | 400mm              |         |
| 工作台面尺寸 Table size                     | 1253x 780mm        |         |
| 送料速度 Feed Speed                       | 15/ 20/ 25 M/min   |         |
| 主軸直徑<br>Saw Arbor Diameter            | ø25.4mm            |         |
| 送料馬達Saw Arbor Motor                   | 1HP (2HP)          |         |
| 主軸馬達Feed Motor                        | 7.5HP/ 10HP        |         |
| 鋸片轉速Saw Arbor Speed                   | 4200 rpm           |         |
| 集塵罩出口徑<br>Dust Exhaust Diameter       | ø5"                |         |
| 履帶寬度<br>Width of Chain Block          | 130mm              | 140mm   |
| 淨重/毛重 N.W./G.W.                       | 900/1050 kgs       |         |
| 包裝尺寸 Packing Size                     | 1660x 1010x 1360mm |         |

# 自動定位切斷機 Automatic programmable cut-off-saws



YL-S450



YL-S600

| 型號 Model                   | YL-S450                   | YL-S600                   |
|----------------------------|---------------------------|---------------------------|
| 鋸片轉速 Saw spindle speed     | 3600RPM                   | 2100RPM                   |
| 鋸片尺寸 Circular saw diameter | 18"x3.4mmx1"x120T         | 24"x4.0mmx1"x80T          |
| 最大加工物尺寸 Max. working size  | 100 x 230 mm              | 200 x 200 mm              |
| 鋸片馬達 Saw motor             | 10HP                      | 10HP                      |
| 送料速度 Feeding speed         | 50~90 m/min               | 15~60 m/min               |
| 定盤離地高度 Height of bed       | 880 mm                    | 860 mm                    |
| 氣壓 Air pressure            | 5~7 kgs/80cm <sup>2</sup> | 5~7 kgs/80cm <sup>2</sup> |



# YL-320H/320HAH MULTIPLE RIP SAW 多片縱鋸機

**Heavy Duty.**

**Max. Cutting Thickness :** 320H→155mm, 320HAH→170mm.

**重切削機型!!**

**最大鋸切厚度 :** 320H→155mm, 320HAH→170mm.

- Pressure rolls, supported on both sides, hold stock stably and evenly.
- Entire head mechanism features powered raising and lowering.
- Front guard supplied for added safety during thin stock cutting.
- Large, solid pressure plate holds stock firmly.
- Durable chain ensures positive workpiece feeding and provides permanent straight line ripping accuracy.
- Variable feed speed permits the cutting of a variety of stock, hard or soft, thick or thin.

- 壓料輪結構採雙端支撐式，加工物所承受的壓力均勻平穩。
- 壓輪座提供有力的升降。
- 前護蓋：提升在鋸切薄料時的安全。
- 一體式寬大而堅實的壓料板維持穩固的木料壓持。
- 耐用的鏈條確保送料確實並提供鋸切的直線準確性。
- 無段變速的送料速度，適用軟、硬、厚、薄的木料鋸切。



## POWERED UPPER PRESSURE ROLLERS

The upper pressure rollers are powered through universal joint shaft transmission, for smooth feed and making the machine ideal for heavy-duty cutting.

## 動力上壓輪

有動力的上壓輪提供重切削理想且平穩的送料。

## SAWBLADE COOLING SYSTEM (OPTIONAL)

When requested, the sawblade can be equipped with an air operated oil splash device or air cooling device for dissipating the heat on the sawblade. This extends the sawblade service life.

## 鋸片冷卻系統(選配)

如有需求，鋸片可選配噴油或者噴氣式的冷卻系統，可降低鋸片過熱狀況，延長鋸片使用壽命。

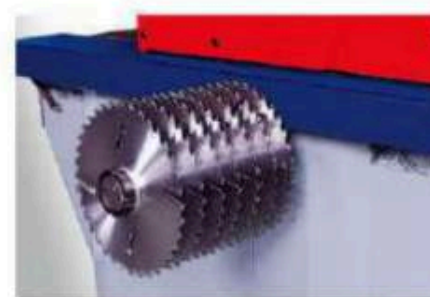


## GREAT CUTTING CAPACITY

The saw arbor can be mounted with an 18" diameter sawblade, providing 170mm thickness of cutting capacity.

## 超大鋸切能力

鋸軸可安裝直徑最大至18"的鋸片，可提供170mm的最大鋸切厚度。



## CONVENIENT, ACCURATE SAWBLADE REPLACEMENT

An independent shaft is provided in the machine frame for convenient, accurate and time saving sawblade replacement.

## 簡易/準確的鋸片更換裝置

本機在機身上特別設有換鋸用獨立式心軸，更換鋸片簡單，方便又精確，可節省時間，提高效率。



## GREAT THROAT CAPACITY

The 760mm throat clearance permits the easy handling of big panels for ripping operations.

## 超大喉距

鏈條至機身壁距離760mm，使本機能做大尺寸板類加工。



## COMPLETE SAFETY PROTECTION

Double top and single bottom anti-kickback fingers, plus a side guard, provide perfect safety for the operator.

## 完整的安全防護

上兩排下一排的防護板，加上側邊保護蓋，為操作者提供最佳的安全防護。



## LASER UNIT (OPTIONAL)

It gives a clear guide for the saw path, which allows the operator to evaluate accurately the machine's cutting lines.

## 雷射裝置(選配)

此雷射裝置提供了明確的鋸切路徑指示，讓操作人員能準確地計算鋸切位置。

## CENTRALIZED CONTROL PANEL

All of the machine's operational controls are located in a centralized panel with an ergonomic switch layout. The control panel is situated to be easily accessible from the normal working position and offers easy control of operations.

## 中央控制面板

所有機器的操作控制位於一個集中的面板，符合人體工學的開關配置，控制面板設置於一般方便工作的位置，提供便利的操作使用。

## SPECIFICATIONS 規格

| Model                                               | YL-320H                                                                                                                        | YL-320HAH  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------|
| Cutting thickness 鋸切厚度                              | 10~155 mm                                                                                                                      | 25~170 mm  |
| Max. cutting width 最大鋸切寬度                           | 320 mm                                                                                                                         |            |
| Max. infeed width 最大送料寬度                            | 760 mm                                                                                                                         |            |
| Min. length of cut 最短鋸切長度                           | 600 mm                                                                                                                         |            |
| Feed speed (Variable) 送料速度                          | 6~24 M/min                                                                                                                     | 5~20 M/min |
| Feed track width 輸送鏈片寬度                             | 335 mm                                                                                                                         |            |
| Sawblade keyway 鋸片鍵槽                                | Ø 20 mm (W) x 2                                                                                                                |            |
| Distance between Keyways 鍵槽距離                       | Ø 80 mm                                                                                                                        |            |
| Sawblade diameter(cutting thickness) 鋸片直徑(鋸切厚度)     | GRS-320H → Ø 355 (10~105), Ø 405 (10~130), Ø 460 (10~155) mm<br>GRS-320HAH → Ø 355 (25~105), Ø 405 (25~130), Ø 460 (25~170) mm |            |
| Sawblade spindle diameter 鋸軸直徑                      | Ø 55 mm                                                                                                                        |            |
| Sleeve diameter (Sawblade bore diameter) 套筒直徑(鋸片孔徑) | Ø 70 mm                                                                                                                        |            |
| Spacing collar diameter/ (I.D./O.D.) 間格環內/外徑        | Ø 70 / Ø 95 mm                                                                                                                 |            |
| Spindle speed 鋸軸轉速                                  | 2600 RPM                                                                                                                       |            |
| Saw drive motor 鋸片驅動馬達                              | 75 HP. (100 HP opt.)                                                                                                           |            |
| Feed motor 送料馬達                                     | 2 HP (3 HP opt.)                                                                                                               |            |
| Head elevation motor 升降馬達                           | 1/4 HP                                                                                                                         |            |
| Dust hood outlet diameter 集塵孔徑                      | Ø 152 mm (6") x 3                                                                                                              |            |
| Table area (L x W) 工作台面積                            | 1900 x 900 mm                                                                                                                  |            |
| Table height from floor 工作台高度                       | 850 mm                                                                                                                         |            |
| Machine dimensions (L x W x H) 機械尺寸                 | 2400 x 1500 x 1800 mm                                                                                                          |            |
| Packing dimensions (L x W x H) 裝箱尺寸                 | 2300 x 1800 x 2100 mm                                                                                                          |            |
| Net weight (Approx) 機械重量                            | 3200 kgs                                                                                                                       |            |
| Gross weight (Approx) 裝箱重量                          | 3500 kgs                                                                                                                       |            |

\*All specification and design characteristics shown in this catalogue are subject to change without prior notice.

\*此份目錄所示規格，如有設計變更，恕不另行通知，歡迎隨時與本公司詢問最新訊息。



# YL-320S

## MULTIPLE RIP SAW(Short wood)

### 短料多片縱鋸機

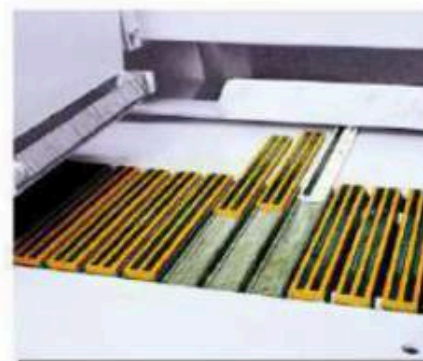
**Especially ideal for reclamation of short wood waste. 提供短料再利用的理想設備!!**

**A unique cutting capacity - As short as 8cm! 首創超短料：8公分即可鋸切!!**

**Turn your wood waste into usable material. This machine is designed for easy cutting of short stock, creating value out of wood waste. 短料再利用，創造廢料的附加價值!**

**The unit can also cut long stock. 亦可做長料多片鋸使用。**

- The rail exclusively designed to avoid damaging the wood.
- Pressure rolls, supported on both sides, hold stock stably and evenly.
- Entire head mechanism features powered raising and lowering.
- Variable feed speed permits the cutting of a variety of stock, hard or soft, thick or thin.
- Double top and single bottom anti-kickback fingers, plus a side guard, provide perfect safety for the operator.
- Double-side suspension supported pressure plate. This design also helps prevent cracked or broken workpieces from damaging the saw arbor or sawblade.
- 專利獨特之軌道設計，不損壞木料。
- 壓料輪結構採雙端支撐式，加工物所承受的壓力均勻平穩。
- 壓輪座提供有力的升降。
- 無段變速的進料速度，適用軟、硬、厚、薄的木料鋸切。
- 上兩排下一排的防護柵板，加上側邊保護蓋，為操作者提供最佳的安全防護。
- 大於鋸片鋸切面積的寬大壓料板加上前後懸吊式支撐，木料經過鋸片時平均穩定的最佳壓料效果。



#### EXCLUSIVE TRACK DESIGN

The plastic plate on the track is specially designed for easy replacement, while providing a positive feeding effect without damaging the workpiece surface. The "White Dog Plate" is specially designed for an excellent, smooth feeding effect on short workpieces. Work on longer workpieces is simply achieved by replacing the plate.

#### 獨特軌道設計

特殊設計的軌道，裝有塑膠板，可免除工件物送料時表面擦傷，且更換時極為簡易。加工長料時，只需更換塑膠板即可。



#### ASSISTANT PRESSURE ROLLER

With assistant pressure roller, supply long timber cutting function.

#### 輔助壓料輪

隨機配備輔助壓料輪，提供長料鋸切的功能。

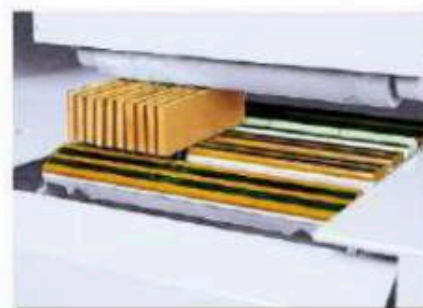


#### EXTREMELY SMOOTH FEEDING EFFECT

The plates and dogs can be easily fitted onto the track at the desired distance. The specially designed feeding mechanism permits the smooth feeding of short workpieces without jamming.

#### 順暢的送料效果

塑膠板可依所需距離裝在軌道上，此特殊設計的送料機構，提供極順暢的送料，無阻料之虞。

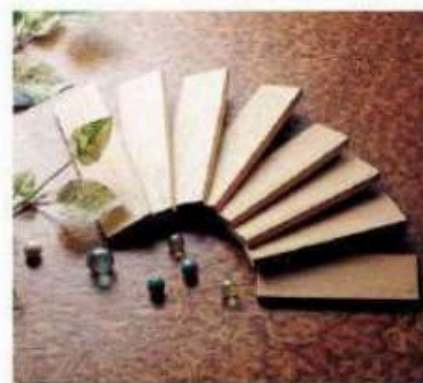


#### HIGH PRODUCTION CAPABILITY

The YL-320S can handle short workpieces, with a minimum length of just 8cm, at a very high rate of production.

#### 優異產能

GRS-320S除了可裁切最短8mm短料的特性外，同時也具備高效率的生產力。



## SPECIFICATIONS

| Model                                                         | YL-320S                                            |  |
|---------------------------------------------------------------|----------------------------------------------------|--|
| Min. cutting thickness 鋸切厚度                                   | Short piece : 10mm / Long piece : 18mm             |  |
| Max. cutting width 最大鋸切寬度                                     | 320 mm                                             |  |
| Min. length of cut 最短鋸切長度                                     | 80 mm                                              |  |
| Short working limit ratio thickness per length 短料加工限制(高度:長度比) | 2:5                                                |  |
| Max. infeed width 最大進料寬度                                      | 760 mm                                             |  |
| Sawblade diameter ( Max. cutting thickness ) 鋸片直徑(鋸切厚度)       | Ø 255 (50), Ø 305 (80)<br>Ø 355 (105), Ø 405 (130) |  |
| Sleeve diameter (Sawblade bore diameter) 套筒直徑(鋸片孔徑)           | Ø 70 mm                                            |  |
| Sawblade keyway 鋸片鍵槽                                          | 20 mm (W) x 2                                      |  |
| Distance between keyways 鍵槽距離                                 | 80 mm                                              |  |
| Spacing collar diameter ( I.D./O.D. ) 間格環內/外徑                 | Ø 70 / Ø 95 mm                                     |  |
| Feed speed (Variable) 送料速度(無段變速)                              | 6~24 M/min                                         |  |
| Spindle speed 鋸輪轉速                                            | 3200 RPM                                           |  |
| Saw drive motor 鋸片驅動馬達                                        | 50 HP (30 HP, 60 HP, 75 HP opt.)                   |  |
| Feed drive motor 送料馬達                                         | 2 HP (3 HP opt.)                                   |  |
| Head elevation motor 升降馬達                                     | 1/4 HP                                             |  |
| Table area ( L x W ) 工作台面積(長x寬)                               | 1800 x 880 mm                                      |  |
| Table height from floor 工作台離地高度                               | 850 mm                                             |  |
| Dust hood outlet dimensions 集塵孔徑                              | Ø 152 mm (6") x 2                                  |  |
| Machine dimensions ( L x W x H ) 機械尺寸                         | 2650 x 1500 x 1800 mm                              |  |
| Packing dimensions ( L x W x H ) 裝箱尺寸                         | 2400 x 1800 x 2100 mm                              |  |
| Net weight 機械重量                                               | (Approx) 2450 kgs                                  |  |
| Gross weight 裝箱重量                                             | (Approx) 2850 kgs                                  |  |



# YL-320

## MULTIPLE RIP SAW 多片縱鋸機

Ideal for furniture factories, material preparation factories, and saw mill factories.

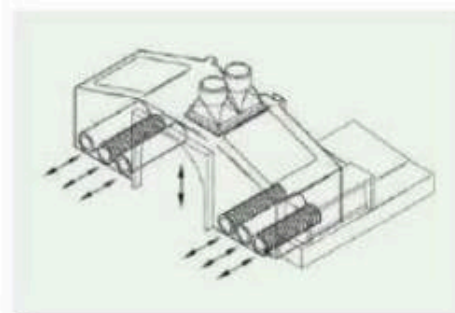
Great throat capacity : 760 mm from chain side to arm.

家具廠、備料廠、以及鋸木廠的理想設備!!

特大的喉距：從鏈片邊緣到機身壁有760mm的寬度。

- Pressure rolls, supported on both sides, hold stock stably and evenly.
- Entire head mechanism features powered raising and lowering.
- Front guard supplied for added safety during thin stock cutting.
- Large, solid pressure plate holds stock firmly.
- Durable chain ensures positive workpiece feeding and provides permanent straight line ripping accuracy.
- Variable feed speed permits the cutting of a variety of stock, hard or soft, thick or thin.

- 壓料輪結構採雙端支撐式，加工物所承受的壓力均勻平穩。
- 壓輪座提供有力的升降。
- 前護蓋：提升在鋸切薄料時的安全。
- 一體式寬大而堅實的壓料板維持穩固的木料壓持。
- 耐用的鏈條確保入料確實並提供鋸切的直線準確性。
- 無段變速的進料速度，適用軟、硬、厚、薄的木料鋸切。

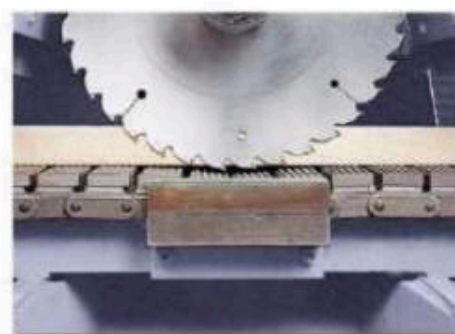


### DOUBLE-SIDE SUSPENSION SUPPORTED PRESSURE PLATE

The large pressure plate covers the entire cutting area and is suspension supported in the front and rear, for extremely uniform workpiece holding during cutting operations. This design also helps prevent cracked or broken work piece from damaging the saw arbor or sawblade.

### 兩側懸吊式壓料裝置

大於鋸片鋸切面積的寬大壓料板加上前後懸吊式支撐，提供木料經過鋸片時平均穩定的最佳壓料效果。同時這種設計有助於防止裂料或斷料過鋸時的飛彈反彈使鋸輪與鋸片受損。

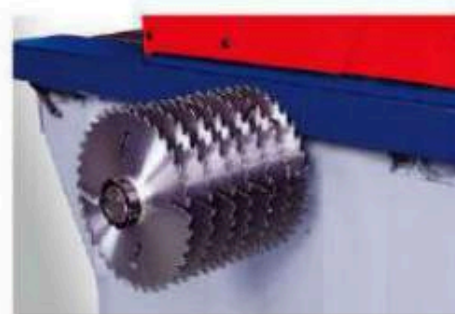


### EXCLUSIVE CONCAVITY FOR OVERCUT CONTROL

The exclusive roller motion, featuring a concave design, allows for effortless chain feed, smooth running, minimum friction and wear with increased durability.

### 獨特過鋸設計

獨特的滾輪式凹型設計，讓鏈條經過時能輕易滑過，運行順暢，減少阻力，降低磨損，提高鏈條耐用度。



### CONVENIENT, ACCURATE SAWBLADE REPLACEMENT

An independent shaft is provided in the machine frame for convenient, accurate and time saving sawblade replacement.

### 簡易/準確的鋸片更換裝置

本機在機身上特別設有換鋸用獨立式心軸，更換鋸片簡單，方便又精確，可節省時間，提高效率。



### GREAT THROAT CAPACITY

The 760mm throat clearance permits the easy handling of big panels for ripping operations.

### 超大喉距

鏈條至機身壁距離760mm，使本機能做大尺寸板類加工。



### COMPLETE SAFETY PROTECTION

Double top and single bottom anti-kickback fingers, plus a side guard, provide perfect safety for the operator.

### 完整的安全防護

上兩排下一排的防護欄板，加上側邊保護蓋，為操作者提供最佳的安全防護。



### LASER UNIT(OPTIONAL)

It gives a clear guide for the saw path, which allows the operator to evaluate accurately the machine's cutting lines.

### 雷射裝置(選配)

此雷射裝置提供了明確的鋸切路徑指示，讓操作人員能準確地計算鋸切位置。

### CENTRALIZED CONTROL PANEL

All of the machine's operational controls are located in a centralized panel with an ergonomic switch layout. The control panel is situated to be easily accessible from the normal working position and offers easy control of operations.

### 中央控制面板

所有機器的操作控制位於一個集中的面板，符合人體工學的開關配置，控制面板設置於一般方便工作的位置，提供便利的操作使用。

## SPECIFICATIONS 規格

| Model                                    | YL-320     |                                               |
|------------------------------------------|------------|-----------------------------------------------|
| Cutting thickness                        | 鋸切厚度       | 10~130 mm                                     |
| Max. cutting width                       | 最大鋸切寬度     | 320 mm                                        |
| Max. infeed width                        | 最大進料寬度     | 760 mm                                        |
| Min. length of cut                       | 最短鋸切長度     | 600 mm                                        |
| Feed speed (Variable)                    | 送料速度(無段變速) | 9~36 M/min                                    |
| Feed track width                         | 輸送鏈片寬度     | 335 mm                                        |
| Sawblade keyway                          | 鋸片鍵槽       | 20 mm (W) x 2                                 |
| Distance between Keyways                 | 鍵槽距離       | 80 mm                                         |
| Sawblade diameter / cutting thickness    | 鋸片直徑/鋸切厚度  | Ø 305 (10~80), Ø 355 (10~105), Ø 405 (10~130) |
| Sawblade spindle diameter                | 鋸軸直徑       | Ø 55 mm                                       |
| Sleeve diameter (Sawblade bore diameter) | 套筒直徑(鋸片孔徑) | Ø 70 mm                                       |
| Spacing collar diameter/ (I.D./O.D.)     | 間格環內/外徑    | Ø 70 / Ø 95 mm                                |
| Spindle speed                            | 鋸軸轉速       | 3200 RPM                                      |
| Saw drive motor                          | 鋸片驅動馬達     | 50 HP (30 HP, 60 HP, 75 HP opt.)              |
| Feed motor                               | 送料馬達       | 2 HP ( 3 HP opt.)                             |
| Head elevation motor                     | 升降馬達       | 1/4 HP                                        |
| Dust hood outlet diameter                | 集塵孔徑       | Ø 152 mm (6") x 2                             |
| Table area (L x W)                       | 工作台面積      | 1900 x 900 mm                                 |
| Table height from floor                  | 工作台離地高度    | 850 mm                                        |
| Machine dimensions (L x W x H)           | 機械尺寸       | 2400 x 1500 x 1800 mm                         |
| Packing dimensions (L x W x H)           | 裝箱尺寸       | 2300 x 1800 x 2100 mm                         |
| Net weight (Approx)                      | 機械重量       | 2450 kgs                                      |
| Gross weight (Approx)                    | 裝箱重量       | 2650 kgs                                      |



# YL-508 YL-610 (YL-660)

## Cut-off Saw with Rotary Table 高速圓盤切斷機



### 電腦自動定寸系統（選購）

- 定寸系統採用伺服馬達驅動，配合線性滑軌，檔料進移動快速，定位精準。
- 鋁合金導軌，堅固、美觀、輕巧。
- 可裝可選裝系統。

### 控制螢幕

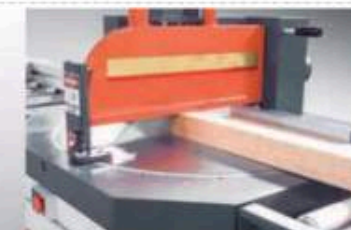
輸送台之操作由電腦螢幕操控，多功能控制器，提供精準、快速的定寸控制。

### YL-508 機械特性：

- 使用鋸片直徑  $\phi 20"$ 。
- 鋸切速度：20~40 次/分。
- 工作台可左、右各45°定位。
- 壓料機構採用線性滑軌。

### YL-610 機械特性：

- 使用鋸片直徑  $\phi 24"$ 。
- 鋸切速度：15~20 次/分。
- 工作台可左、右各60°定位。
- 壓料機構採用線性滑軌。



### 精密、快速壓料機構

壓料機構採用氣壓缸驅動，配合線性滑軌，進退快速，鬆解卸壓快。



### 迴轉工作台

- 工作台可微左、右最大45°角度定位，適合斜度車切。
- 工作台附有定位檔，可於45°快速定位。
- 工作台，台面經研磨處理。

| Specifications    | YL-508             | YL-610 (YL-660)                                  |  |
|-------------------|--------------------|--------------------------------------------------|--|
| 加工能力 (厚x寬-45度斜角)  | 150 x 85 mm        | 200 x 115 mm (YFC-610)<br>200 x 145 mm (YFC-660) |  |
| 工作台旋轉角度           | +45°~ 0°~ - 45°    | +60°~ 0°~ - 60°                                  |  |
| 加工速度              | 20~45 cuts/min     | 15~20 cuts/min                                   |  |
| 鋸片尺寸 (選購)         | 20"                | 24" (26")                                        |  |
| 鋸輪直徑              | 25.4 mm            | 30 mm                                            |  |
| 鋸片轉速              | 3100 rpm           | 2000 rpm                                         |  |
| 集塵罩出口徑            | $\phi 4"$ x (2)    | $\phi 4"$ x (2)                                  |  |
| 馬達                | 7.5 HP             | 10 HP (15 HP)                                    |  |
| 工作台尺寸 (mm)        | 920 x 460 mm       | 1173 x 600 mm                                    |  |
| 淨重                | 540 kg             | 880 kg                                           |  |
| 毛重                | 660 kg             | 1080 kg                                          |  |
| 裝箱尺寸 (長x寬x高) (mm) | 1310 x 1100 x 1600 | 1550 x 1550 x 1920                               |  |

• 本公司不斷研究改良，目錄上所示之尺寸及機器特性可能會有變更，恕不另行通知。



# 高速切斷機 Cut-Off Saw

## YL-14/18

- Cutting off capacity (T \* W): 2"x12", 3"x11", 4"x10". Stripped table surface is precision ground, assuring cutting accuracy.
- Picture shown left-hand model is standard.
- Right-hand model (optional).
- Fast cutting rate up to 25 strokes per minute. Cycle speeds are adjustable.
- Motion cycles are pneumatically operated, and conveniently controlled by a foot switch.
- Powerful, high torque 7 ½ HP motor drive. (optional: up to 10 HP)
- 18" sawblade (optional).
- Clamp is easily adjusted for workpiece thickness variation.
- High stability at fast cutting rates.
- Infeed and outfeed roller conveyors (optional).
- Convenient cycle speed adjustment from outside the machine is available.
- A version model YL-18M is available for cutting aluminum and acrylic material. (optional: with hydraulic system).



## YL-24/30

- Cutting off capacity (TxW): 240x240mm, 200x400mm, 150x530mm, 100x610mm, 50x680mm.
- Picture shown left-hand model is standard.
- Right-hand model (optional).
- Fast cutting rate up to 10-15 strokes per minute. Cycle speeds are adjustable.
- Motion cycles are pneumatically operated, and conveniently controlled by a foot switch.
- Powerful, high torque 15 HP motor drive. (optional: up to 20 HP)
- 30" sawblade (optional).
- High guard holds workpiece securely.
- Infeed and outfeed roller conveyors (optional).
- Convenient cutting thickness adjustment is made of a knob. A rule gauge is provided for correct reading of sawblade protrusion over the table.



| Model                    |           | YL-14                | YL-18                  | YL-24                         | YL-30                                      |
|--------------------------|-----------|----------------------|------------------------|-------------------------------|--------------------------------------------|
| Cutting capacity (T x W) | 鋸切能力(厚x寬) | 1"x10", 2"x9", 3"x8" | 2"x12", 3"x11", 4"x10" | 2"x21", 4"x19", 6"x15", 8"x8" | 240x240, 200x400, 150x530, 100x610, 50x680 |
| Cycle speed              | 鋸切速度      | 95                   | 45 strokes/min         | 40 strokes/min                | 10-15 strokes/min                          |
| Cycle operation          | 驅動方式      | Air 氣壓式              | Air 氣壓式                | Air 氣壓式                       | Pneumatic                                  |
| Sawblade size (optional) | 鋸片直徑      | 14"                  | 18"                    | 20"/22"/24"                   | 30"                                        |
| Saw arbor diameter       | 主軸直徑      | 1"                   | 1"                     | 1"                            | 1"                                         |
| Sawblade speed           | 鋸片轉速      | 4100 RPM             | 3600 RPM               | 2400 RPM                      | 1500RPM                                    |
| Dust exhaust diameter    | 集塵罩出口徑    | Ø4"                  | Ø4"                    | Ø4"                           | Ø4"                                        |
| Motor                    | 馬達        | 5 HP (7 ½ opt.)      | 7 ½ HP                 | 7 ½ HP (10 HP)                | 15 HP (20 HP opt.)                         |
| Table size               | 工作台尺寸     | 630x590mm            | 660x700mm              | 1150x660 mm                   | 820x820 mm                                 |
| N.W.                     | 淨重        | 240 kgs              | 350 kgs                | 480 kgs                       | 580 kgs                                    |
| G.W.                     | 毛重        | 290 kgs              | 410 kgs                | 560 kgs                       | 680 kgs                                    |
| Packing size (LxWxH)     | 裝箱尺寸      | 770x760x1300 mm      | 940x850x1350 mm        | 1360x900x1450 mm              | 1430x1030x1650 mm                          |





YL-14



YL-18



YL-24



YL-30



**Infeed and outfeed roller conveyor (OPT.)**

- The outfeed roller conveyor is equipped with a graduated gauge bar, with a swing for identical length of cut.
- Roller conveyor are supplied as optional. Length as required.



**Safety Switch (OPT.)**

- When operator approaches the cutting area, the safety switch controls T-clamp and unable to cut workpiece.



**Extension Stop (OPT.)**

- Extension stop is used on outfeed roller conveyor. It is convenient for length stop and for repetitive cutting in a mass production line.
- There are 3 kinds of extension stop, fix stop, flip stop and lift stop.



**Safety Guard (OPT.)**

- The complete safety for fast cutting operation and to avoid operator to approach the cutting area.



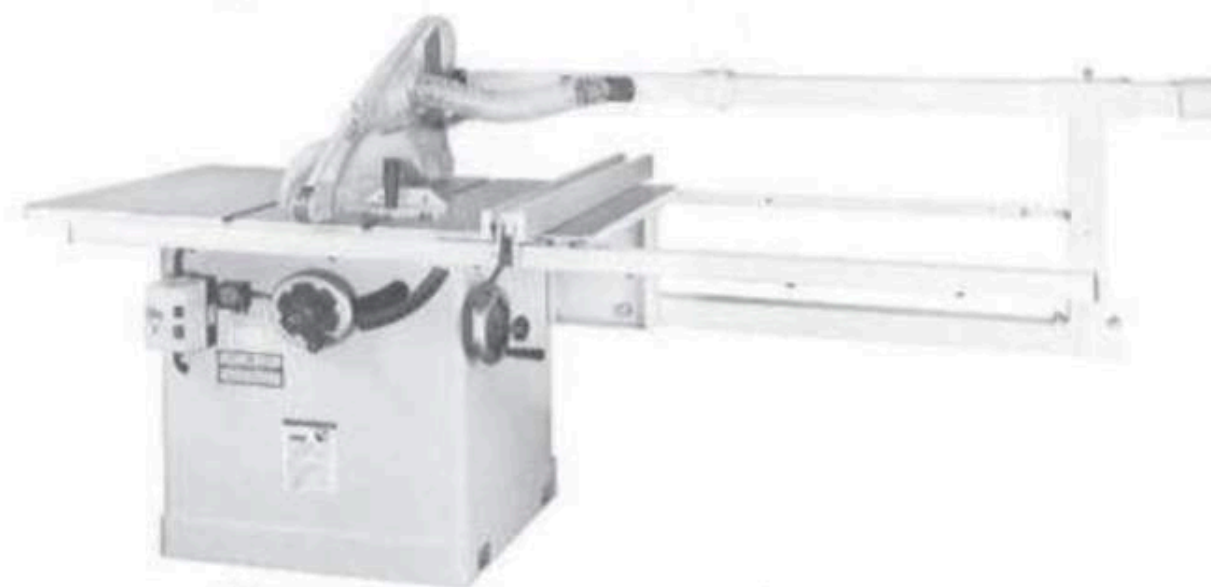
## DOUBLE SPINDLE SHAPER (Extra Large)



| 型式 / MODEL                             | YL-10                  | YL-12             | YL-14               | YL-16                |
|----------------------------------------|------------------------|-------------------|---------------------|----------------------|
| 鋸片直徑<br>Sawblade Diameter              | 10" (250mm)            | 12" (305mm)       | 14" (350mm)         | 16" (405mm)          |
| 90° 最大加工深度<br>Max. Depth of cut of 90° | 76 mm                  | 101.6 mm          | 125 mm              | 152 mm               |
| 45° 最大加工深度<br>Max. Depth of cut of 45° | 50.8 mm                | 70 mm             | 88 mm               | 108 mm               |
| 鋸軸直徑 Arbor Diameter                    | 25.4 mm or 30mm (Opt.) |                   |                     |                      |
| 鋸軸轉速 Arbor Speed                       | 4200 rpm               | 4000 rpm          | 3750 rpm            |                      |
| 工作台尺寸 Table Size                       | 915x685mm              | 1220x762mm        | 1220x965mm          |                      |
| 工作台高度 Table Height                     | 857mm                  |                   |                     |                      |
| 推台工作能力<br>Sliding Table Capacity       | 914x1828mm             | 1220x2440mm       |                     |                      |
| 鋸切寬度<br>Max. Rip to right of Blade     | 635mm                  | 965mm             | 1245mm              | 1245mm               |
| 馬力 Motor                               | 3HP<br>(opt. 2HP/5HP)  | 3HP<br>(opt. 5HP) | 5HP<br>(opt. 7.5HP) | 7.5HP<br>(opt. 10HP) |
| 淨重 / 毛重                                | 185kgs/225 kgs         | 260kgs/320kgs     | 385kgs/460kgs       | 395kgs/470kgs        |

## DOUBLE SPINDLE SHAPER

| 型式 / MODEL                     | YL-550        |
|--------------------------------|---------------|
| 鋸片傾斜角度 Blade Tilt              | 0° ~45°       |
| 工作盤升降範圍<br>Table up-down Range | 150mm         |
| 鋸軸直徑 Arbor Diameter            | 25.4mm/30mm   |
| 鋸片直徑 Blade Diameter            | 350mm         |
| 主軸轉速 Spindle Speed             | 3400-4500rpm  |
| 馬力 Motor                       | 2HP or 3HP    |
| 工作台尺寸 Table Size               | 720 x 710mm   |
| 機械尺寸 Machine Size              | 850x900x850mm |



## CB-LTS-12 傾軸圓鋸機

### 機械特性

- 1.左傾斜式主軸・提高特殊加工範圍
- 2.新式切料靠板提高準確度及耐用度
- 3.高轉速主軸裁切物料更美觀快速

| 型式/MODEL                              | CB-LTS-12            |
|---------------------------------------|----------------------|
| 鋸片 Sawblade                           | 12" (305mm)          |
| 90° 最大切割高度<br>90° Max. Cutting Height | 4" (101.6mm)         |
| 45° 最大切割高度<br>45° Max. Cutting Height | 2-4/3 (70mm)         |
| 鋸片內徑<br>Sawblade Inner Diameter       | 1" (25.4mm)          |
| 主軸轉速 Spindle Speed                    | 4500 rpm             |
| 工作台尺寸 Table Size                      | 48"×30" (1220×762mm) |
| 工作台高度 Table Height                    | 34-1/4 (857mm)       |
| 最大加工尺寸<br>Max. Processing Size        | 1220 × 2440mm        |
| 工作馬達 Motor                            | 3HP                  |
| 電壓 / 電流<br>Voltage / Current          | 220V/9A              |
| 淨重 N.W                                | 572lb (260kgs)       |
| 機械尺寸 Machine Size                     | 2400×920×1320 mm     |

機械出廠時不附贈鋸片



## 自動雙端作榫機

### Automatic Double Ended Tenoner



▶ YL-46AJ  
YL-66AJ  
YL-86AJ

▶ YL-24AJ

- 採用精密滾珠螺桿，搭配線性滑軌，調整寬度快速，定位準確。
- 鏈條採用密封滾針軸承，特殊材質軸心，具高抗張力。
- 送料速度，採變頻器控制，調整範圍極廣。
- 全機刀頭均配有數字顯示表，調整方便定位快速。
- Equipped with precision ball screw and linear guide ways for fast adjustment of width and high accuracy positioning.
- The chain employs sealed needle bearings with special material of shaft, featuring high tensile strength.
- Feed speed is controlled by a frequency inverter, providing wide speed range.
- All cutterheads are equipped with digital meters for convenient adjustment and accurate positioning.

| MODEL                                      | 型式    | YL-24AJ         | YL-46AJ      | YL-66AJ             | YL-86AJ     |
|--------------------------------------------|-------|-----------------|--------------|---------------------|-------------|
| Working width                              | 工作寬度  | 100~300 mm      | 230~1250 mm  | 230~1850 mm         | 230~2450 mm |
| Working thickness                          | 工作高度  | 45 mm           |              | 75 mm               |             |
| Scoring saw motor                          | 槽切鋸馬達 | -               |              | 2 HP x 2            |             |
| Main saw motor                             | 主鋸馬達  | 2HP x 2 ( 3HP ) |              | 3 HP x 2 ( 5 HP )   |             |
| Shaper motor                               | 立軸馬達  | 3HP x 2 ( 5HP ) |              | 5 HP x 2 ( 7.5 HP ) |             |
| <b>Chaintrack system 履帶進給系統</b>            |       |                 |              |                     |             |
| Motor                                      | 馬力    |                 | 2 HP         |                     |             |
| Feed speed                                 | 進給速度  |                 | 4~16 m/min   |                     |             |
| Distance between dogs                      | 檔點間距  |                 | 400 (200) mm |                     |             |
| <b>Movable side shifting system 調整寬度系統</b> |       |                 |              |                     |             |
| Motor                                      | 馬力    |                 | 1/2 HP       |                     |             |
| Feed speed                                 | 進給速度  |                 | 1.5 min/m    |                     |             |

規格僅供參考，如有變更恕不另行通知

The specifications is just for refer, if those are subjected to change, without notice.

## 雙端圓鋸機

### Double Ended Circular Sawing Machine



▶ YL-422R

▶ YL-622RT  
YL-822RT

- 照片所示式為手動操作型機種。
- 兩端裝置圓鋸片，可作木板裁切尺寸。
- 切斷長度可達8尺。
- 雙軌道構造。圓棒滾珠滑動，送料平穩，裁切精確。
- 可選購手動控制氣壓缸壓料，提供更舒適方便之操作。
- 8尺以上機種也可指定製造。
- The picture shown is a manual model.
- Sawblades are equipped at both ends for cutting wood to size.
- Cutting length up to 8 feet.
- Two rails configuration. Round rod slideways ensure extremely smooth feed motion and accurate cutting.
- When requested, a manually-controlled air clamp is available for operational convenience. (optional)
- A custom model with over 8 feet capacity is available.

| MODEL                                           | 型式       | YL-422R        | YL-622RT            | YL-822RT       |
|-------------------------------------------------|----------|----------------|---------------------|----------------|
| Processing Length                               | 加工長度     | 230~1220 mm    | 500~1850 mm         | 500~2440 mm    |
| Processing Width                                | 加工寬度     |                | 580 mm              |                |
| Sawblade diameter                               | 鋸片使用直徑   |                | 10"-14"             |                |
| (Optional)                                      | (選購)     |                | (Ø25.4 mm)          |                |
| Tilting degree of sawblade and moulding spindle | 鋸片與立軸傾斜度 |                | 360°                |                |
| Turning speed of circular sawing blade          | 圓鋸片轉速    |                | 3000~3300 R.P.M.    | 50~60Hz        |
| No. of rails                                    | 軌道數目     | 1set           | 2set                | 2set           |
| Motor of circular sawing blade                  | 鋸片馬達     |                | 2HPx2 ( 3HP / 5HP ) |                |
| N.w. / G.w. (kg)                                | 淨重/毛重    | 550/670kg      | 750/950kg           | 980/1140kg     |
| Machine size (L x W x H) (mm)                   | 機械尺寸     | 2230x1360x1100 | 2950x1360x1100      | 3450x1360x1100 |
| Shipping size (L x W x H)(mm)                   | 裝箱尺寸     | 2050x950x1400  | 2820x900x1400       | 3500x900x1400  |

另可選購自動模式Optional: Automatic Model (RH-422AR/622ART/822ART)

The specifications is just for refer, if those are subjected to change, without notice.



## 自動雙端圓鋸立軸機

### Automatic Double Ended Circular Sawing With Vertical Machine



- 雙端裝置圓鋸片和立軸刀、修邊、定寸、成型、打榫作業一次送料即可完成。
- 標準切斷長度4~8尺。8尺以上機種也可以指定製造。
- 腳踏開關輔助操控。送料速度可微調。
- 圓鋸片、刀具、退料裝置、手動控制氣壓缸壓料為選購配件。
- Sawblades and molder cutters are equipped at both ends providing trimming, size cutting, molding and tenoning operations-all quickly done in a single pass.
- Standard models provide 4~8 feet length capacity to choose from. A custom model with over 8 feet capacity is available.
- Foot switch facilitates operational control. Feed speed is micro adjusted.
- Sawblades, cutting tools, automatic workpiece outfeed and manually operated air clamp cylinder are optional equipment.

| MODEL                                           | 型式          | YL-424AR                           | YL-624ART          | YL-824ART      |
|-------------------------------------------------|-------------|------------------------------------|--------------------|----------------|
| Processing Length                               | 加工長度        | 230~1220 mm                        | 500~1850 mm        | 500~2440 mm    |
| Processing Width                                | 加工寬度        |                                    | 580 mm             |                |
| Sawblade diameter (Optional)                    | 鋸片使用直徑 (選購) |                                    | 10"~14" (Ø25.4 mm) |                |
| Tilting degree of sawblade and moulding spindle | 鋸片與立軸傾斜度    |                                    | 360°               |                |
| Turning speed of circular sawing blade          | 圓鋸片轉速       | 3000~3300R.P.M, 50~60Hz            |                    |                |
| No. of rails                                    | 軌道數目        | 1set                               | 2set               | 2set           |
| Motor of circular sawing blade                  | 鋸片馬達        | 2HPx2 ( 3HP / 5HP )                |                    |                |
| Vertical shaft motor                            | 立軸馬達        | 3HPx2 ( 5HP / 7.5HP )              |                    |                |
| Diameter of vertical shaft                      | 立軸直徑        | Ø30mm(標準規格/Standard specification) |                    |                |
| Turning speed vertical shaft                    | 立軸轉速        | 6600~7200R.P.M, 50~60Hz            |                    |                |
| N.w. / G.w. (kg)                                | 淨重/毛重       | 700/850                            | 950/1150           | 1100/1300      |
| Machine size (L x W x H) (mm)                   | 機械尺寸        | 2230x1920x1200                     | 2950x1920x1200     | 3450x1920x1200 |
| Shipping size (L x W x H)(mm)                   | 裝箱尺寸        | 2060x950x1400                      | 2820x1100x1400     | 3500x1100x1400 |

另可選購自動退料裝置 Optional: Automatic Workpiece Outfeed Device  
The specifications is just for refer, if those are subjected to change, without notice.

## 自動雙端上下圓鋸立軸機

### Automatic Double Ended Upper & Lower Circular Sawing With Vertical Shaft Machine



- 雙端裝置上下圓鋸片，適合修邊定寸，切邊整齊無毛邊。
- 雙端裝置上下圓鋸片和立軸刀、切斷、修邊、成型作業一次送料即可完成。
- 切斷長度超過4尺以上機種，採雙軌道設計，木料裁切更穩固、準確。
- 標準切斷長度4~8尺。8尺以上機種也可指定製造。
- 獨立式控制箱，可任意移動至所欲之操作位置。
- 另有手動控制氣壓缸壓料型，自動退料裝置，可以選購。
- Each end is equipped with upper and lower sawblades, providing trimming and size cutting function with burr-free effect.
- Upper and lower sawblades and molder cutters are equipped at both ends, providing cutting off, trimming and molding operations quickly and efficiently in a single pass.
- Two rails configuration for models with over 4 feet cutting length increases cutting stability and accuracy.
- Standard models provide 4~8 feet length capacity to choose from. A custom model with over 8 feet capacity is available.
- Separately mounted control box allows for moving into any position as desired.
- When requested, a manually-controlled air clamp is available for operational convenience.

| MODEL                                           | 型式          | YL-426AR                           | YL-626ART          | YL-826ART      |
|-------------------------------------------------|-------------|------------------------------------|--------------------|----------------|
| Processing Length                               | 加工長度        | 230~1220 mm                        | 500~1850 mm        | 500~2440 mm    |
| Processing Width                                | 加工寬度        |                                    | 580 mm             |                |
| Sawblade diameter (Optional)                    | 鋸片使用直徑 (選購) |                                    | 10"~14" (Ø25.4 mm) |                |
| Tilting degree of sawblade and moulding spindle | 鋸片與立軸傾斜度    |                                    | 360°               |                |
| Turning speed of circular sawing blade          | 圓鋸片轉速       | 3000~3300R.P.M, 50~60Hz            |                    |                |
| No. of rails                                    | 軌道數目        | 1set                               | 2set               | 2set           |
| Motor of circular sawing blade                  | 鋸片馬達        | 2HPx4 ( 3HP / 5HP )                |                    |                |
| Vertical shaft motor                            | 立軸馬達        | 3HPx2 ( 5HP / 7.5HP )              |                    |                |
| Diameter of vertical shaft                      | 立軸直徑        | Ø30mm(標準規格/Standard specification) |                    |                |
| Turning speed vertical shaft                    | 立軸轉速        | 6600~7200R.P.M, 50~60Hz            |                    |                |
| N.w. / G.w. (kg)                                | 淨重/毛重       | 820/970                            | 1070/1270          | 1220/1420      |
| Machine size (L x W x H) (mm)                   | 機械尺寸        | 2230x1920x1200                     | 2950x2200x1200     | 3450x2200x1200 |
| Shipping size (L x W x H)(mm)                   | 裝箱尺寸        | 2150x1120x1400                     | 2820x1120x1400     | 3520x1120x1400 |

另可選購自動退料裝置 Optional: Automatic Workpiece Outfeed Device  
The specifications is just for refer, if those are subjected to change, without notice.



## 自動雙端上下圓鋸立軸機

### Automatic Double Ended Upper & Lower Circular Sawing With Vertical Shaft Machine



- 雙端裝置上下圓鋸片及立軸刀。特別適合地板之裁切、定寸及打樺。
- 本機為自動化作業，操作方便、高產能。
- 本機型為雙軌道結構。採用線性滑軌，送料行程同步運作。
- 圓鋸片、刀具為選購配件。
- 獨立式控制箱，可任意移動至所欲之操作位置。
- Upper and lower sawblades and molder cutter are equipped at both ends. Especially ideal for parquet cutting off, cutting to size and molding operations.
- Automatic operation provides maximum operational convenience and high productivity.
- Two rails configuration. Slideways are equipped with precision linear motion guides. Synchronized feed motion for both ends assures high cutting accuracy.
- Sawblades and cutting tools are optional equipment.
- Separately mounted control box allows for moving into any position as desired.

| MODEL                                           | 型式          | YL-426AST                          | YL-626AST          | YL-826AST      |
|-------------------------------------------------|-------------|------------------------------------|--------------------|----------------|
| Processing Length                               | 加工長度        | 300~1200 mm                        | 300~1850 mm        | 300~2440 mm    |
| Processing Width                                | 加工寬度        |                                    | 580 mm             |                |
| Sawblade diameter (Optional)                    | 鋸片使用直徑 (選購) |                                    | 10"~14" (Ø25.4 mm) |                |
| Tilting degree of sawblade and moulding spindle | 鋸片與立軸傾斜度    |                                    | 360°               |                |
| Turning speed of circular sawing blade          | 圓鋸片轉速       | 3000~3300R.P.M, 50~60Hz            |                    |                |
| No. of rails                                    | 軌道數目        | 2 set                              |                    |                |
| Motor of circular sawing blade                  | 鋸片馬達        | 2HPx4 ( 3HP / 5HP )                |                    |                |
| Vertical shaft motor                            | 立軸馬達        | 3HPx2 ( 5HP / 7.5HP )              |                    |                |
| Diameter of vertical shaft                      | 立軸直徑        | Ø30mm(標準規格/Standard specification) |                    |                |
| Turning speed vertical shaft                    | 立軸轉速        | 6600~7200R.P.M, 50~60Hz            |                    |                |
| N.w. / G.w. (kg)                                | 淨重/毛重       | 1000/1170                          | 1120/1300          | 1400/1620      |
| Machine size (L x W x H) (mm)                   | 機械尺寸        | 2230x2200x1200                     | 2950x2200x1200     | 3450x2200x1200 |
| Shipping size (L x W x H)(mm)                   | 裝箱尺寸        | 2150x2275x1400                     | 2820x2275x1400     | 3520x2275x1400 |

另可選購自動送料裝置 Optional: Automatic Workpiece Outfeed Device  
The specifications is just for refer, if those are subjected to change, without notice.

## 自動雙端上下圓鋸附立軸鑽孔機

### Automatic Double Ended Upper & Lower Circular Sawing With Vertical Shaft & Boring Machine



- 雙端裝置上下圓鋸片，適合修邊定寸，切邊整齊無毛邊。
- 雙端裝置上下圓鋸片和立軸刀、切斷、修邊、成型、鑽孔作業一次送料即可完成。
- 獨立式控制箱，可任意移動至所欲之操作位置。
- Each end is equipped with upper and lower sawblands, providing trimming and size cutting function with burr-free effect.
- Upper and lower sawblades and molder cutters are equipped at both ends, providing cutting off, trimming, molding and boring operations quickly and efficiently in a single pass.
- Separately mounted control box allows for moving into any position as desired.

| MODEL                                           | 型式          | YL-428ART                          | YL-628ART         | YL-828ART      |
|-------------------------------------------------|-------------|------------------------------------|-------------------|----------------|
| Processing Length                               | 加工長度        | 500~1220 mm                        | 500~1850 mm       | 500~2440 mm    |
| Processing Width                                | 加工寬度        |                                    | 540 mm            |                |
| Sawblade diameter (Optional)                    | 鋸片使用直徑 (選購) |                                    | 10"~14" (Ø25.4mm) |                |
| Tilting degree of sawblade and moulding spindle | 鋸片與立軸傾斜度    |                                    | 360°              |                |
| Turning speed of circular sawing blade          | 圓鋸片轉速       | 3000~3300R.P.M, 50~60Hz            |                   |                |
| No. of rails                                    | 軌道數目        | 2set                               |                   |                |
| Motor of circular sawing blade                  | 鋸片馬達        | 2HPx4 ( 3HP / 5HP )                |                   |                |
| Vertical shaft motor                            | 立軸馬達        | 3HPx2 ( 5HP / 7.5HP )              |                   |                |
| Boring motor                                    | 鑽孔頭馬達       | 2HPx2                              |                   |                |
| Diameter of vertical shaft                      | 立軸直徑        | Ø30mm(標準規格/Standard specification) |                   |                |
| Turning speed vertical shaft                    | 立軸轉速        | 6600~7200R.P.M, 50~60Hz            |                   |                |
| N.w. / G.w.(kg)                                 | 淨重/毛重       | 1200/1370                          | 1470/1670         | 1620/1850      |
| Machine size (L x W x H) (mm)                   | 機械尺寸        | 2230x2230x1200                     | 2950x2230x1200    | 3450x2230x1200 |
| Shipping size (L x W x H)(mm)                   | 裝箱尺寸        | 2280x2280x1550                     | 2820x2280x1550    | 3520x2280x1550 |

規格僅供參考，如有變更恕不另行通知  
The specifications is just for refer, if those are subjected to change, without notice.



[www.routmac.com](http://www.routmac.com)

Precise Smooth Flexible

精密·順暢·多功能

雷射紅外線  
Infrared Laser Equipment



1

選配 OPTIONAL

回復彈簧  
Returning-Type Spring



2

3



工作台微調裝置  
Work table micro-adjustment

4



氣壓滾筒式固緊裝置  
Pneumatic Cylinder Clamp

5



滾輪送料工作台  
Feed Roller Table



1. Cut with piloting arm at 45° to the fence. Pivoting arm adjustment: 45° on the left-45° on the right  
1. 導臂與擋板成45度切削，導臂可調整左45度、右45度。



2. Cut with 45°-tilted saw blade. Saw blade adjustment: 0°-90°  
Note: front lifting of the piloting arm (upon request)  
2. 傾斜鋸片45度切削，鋸片調整0-90度。



3. Cut with saw blade perpendicular and square to the fence; cutting off.  
3. 鋸片切削，與擋板垂直切斷。



4. Cut with saw blade parallel to the fence for squaring and trimming operations.  
4. 鋸片切削，與擋板平行，削直及修整。



5. Cut or milling with saw blade in horizontal position and parallel to the fence.  
5. 鋸片水平位置可切削或銑，與擋板平行。



6. Saw holder saddle with 8 ball bearings and interchangeable ways with added material. (15 mm.)  
6. 鋸片鞍座有8個滾珠軸承，即可互換軌道。(15 mm.)



YL-888



懸臂橫切萬能圓鋸機

**RADIAL ARM SAW**

BLADE DIAMETER: 14" (355 mm.)  
MAX CROSS CUTTING LENGTH: 620 mm.  
MOTOR: 2Ø 2.5HP, 3Ø 4.5 HP  
THICKNESS OF CUT: 95 mm.

選配OPTIONAL:  
BRAKE MOTOR  
INFRARED LASER EQUIPMENT  
RETURNING-TYPE SPRING



YL-999



懸臂橫切萬能圓鋸機

**RADIAL ARM SAW**

BLADE DIAMETER: 16" (405 mm.)  
MAX CROSS CUTTING LENGTH: 900 mm.  
MOTOR: 2Ø 2.5 HP, 3Ø 4.5 HP  
THICKNESS OF CUT: 120 mm.

選配OPTIONAL:  
BRAKE MOTOR  
INFRARED LASER EQUIPMENT  
RETURNING-TYPE SPRING





➤ **YL-168**



懸臂橫切萬能圓鋸機

**RADIAL ARM SAW**

BLADE DIAMETER: 12" (305 mm.)  
MAX CROSS CUTTING LENGTH: 420 mm.  
MOTOR: 2Ø 1 HP, 3Ø 2 HP  
THICKNESS OF CUT: 65 mm.

選配OPTIONAL:  
BRAKE MOTOR  
INFRARED LASER EQUIPMENT  
RETURNING-TYPE SPRING



➤ **YL-666**



線性軌道懸臂橫切萬能圓鋸機

**UNIVERSAL RADIAL ARM SAW**

BLADE DIAMETER: 14" (355 mm.)  
MAX CROSS CUTTING LENGTH: 620 mm.  
MOTOR: 2Ø 2.5 HP, 3Ø 4.5 HP  
THICKNESS OF CUT: 95 mm.

選配OPTIONAL:  
BRAKE MOTOR  
INFRARED LASER EQUIPMENT  
RETURNING-TYPE SPRING





## YL-888B

PACKAGING: UNASSEMBLED IN BOX



## YL-888A, 999A



## YL-777



## YL-555

線性軌道懸臂自動橫切萬能圓鋸機  
UNIVERSAL AUTO. RADIAL ARM SAW

This machine is an automatic universal circular saw for cross-section cutting equipped with linear rails. Standard accessories: 2 sets of pressure rollers; 2 sets of 5-meter feeders; two inverters in the control box for the control of saw speed 0-1800RPM and the adjustment of cutting cycle respectively. Inching forward or backward can be done in auto cutting cycle or by manual cutting; equipped with a powerful 7.5HP motor; a specialty for 90-degree wood cutting; not applicable for 45-degree cutting while a special design is needed.



| MODEL                                                   | YL-555                        |
|---------------------------------------------------------|-------------------------------|
| Motor 馬達                                                | 3 Ø7.5 HP+ 0.5HP              |
| Motor speed 馬達轉速                                        | 無段變速 Variable speed           |
| Bearings for rails 軸承                                   | 線行軌道 UNIVERSAL                |
| Spindle bore 主軸直徑                                       | Ø25.4 mm, 30 mm, 40 mm, 50 mm |
| Blade diameter (Thickness of cut) 鋸片直徑 (裁切厚度)           | 24" (200 mm)                  |
|                                                         | 28" (250 mm)                  |
|                                                         | 32" (300 mm)                  |
| Blade diameter (Max cross cutting length) 鋸片直徑 (最大橫切能力) | 24" (450 mm)                  |
|                                                         | 28" (400 mm)                  |
|                                                         | 32" (350 mm)                  |
| Table area L x W 工作台面積                                  | 1300 x 1250 mm                |
| Machine size 機械尺寸                                       | 1450 x 1250 x 1900 mm         |
| Packing size 裝箱尺寸                                       | 1550 x 1350 x 2100 mm         |
| N.W/G.W 淨毛重                                             | 500/550 kgs                   |

\* All specifications, dimensions and design characteristics are subject to change without notice.  
\* 以上規格如有更動，恕不另行通知。

UNIVERSAL AUTO. RADIAL ARM SAW



推台鋸  
SLIDING TABLE SAW

YL-19 / 26 / 32 / 38

| 規格 MODEL                          |                                 | YL-19       | YL-26                                                | YL-32      | YL-38      |
|-----------------------------------|---------------------------------|-------------|------------------------------------------------------|------------|------------|
| 鑄鐵工作台尺寸 Table Size                |                                 |             | 570x1000 mm                                          |            |            |
| 滑動工作台尺寸 Sliding Table Size        |                                 | 380x1900 mm | 380x2600mm                                           | 380x3200mm | 380x3800mm |
| 標準鋸片尺寸 Main Sawblade Size         |                                 | ø305 mm     | 標配 Standard                                          |            |            |
| 最大可裝載鋸片尺寸 Max. Sawblade Size      |                                 | ø400 mm     | 標配 Standard                                          |            |            |
| 鋸片孔徑 Sawblade Bore                |                                 |             | ø30 (ø25.4)                                          |            |            |
| 90° 最大切削深度 90° Max. Cutting Depth |                                 |             | 100 mm                                               |            |            |
| 45° 最大切削深度 45° Max. Cutting Depth |                                 |             | 70 mm                                                |            |            |
| 馬達 Motor                          | 馬力 HP                           |             | 7.5HP (5.5kw)                                        |            |            |
|                                   | 轉速 Speed                        |             | 3000/4000/5000 rpm                                   |            |            |
|                                   | 轉速顯示 Speed Show                 |             | LED Display                                          |            |            |
|                                   | 馬力 HP                           |             | 1HP (0.75kw)                                         |            |            |
| 修邊鋸 Scoring                       | 尺寸 Size                         |             | ø120                                                 |            |            |
|                                   | 轉速 Speed                        |             | 8000 rpm                                             |            |            |
|                                   | 孔徑 Bore                         |             | ø22                                                  |            |            |
|                                   | 高度調整 Height Adjustment          |             | 手動 Manual                                            |            |            |
| 裁切尺寸 Cutting Size                 | 方向調整 Direction Adjustment       |             | 手動 Manual                                            |            |            |
|                                   | 1000 mm                         |             | 標配 Standard                                          |            |            |
|                                   | 1300 mm                         | 選配 Optional | 標配 Standard                                          |            |            |
|                                   | 1500 mm                         | -           | 選配 Optional                                          |            |            |
| 延伸工作台 Table Extension             | 調整 Adjustment                   |             | 手動 Manual                                            |            |            |
|                                   | 標配 Standard                     |             | 370 mm                                               |            |            |
|                                   | 選配 Optional                     |             | 720 mm (CE)                                          |            |            |
|                                   | 斜切靠板 Mitre Fence                |             | 標配 Standard                                          |            |            |
| 靠板 Fence                          | 橫切靠板數字顯示 Crosscut Fence Display |             | 選配 Optional                                          |            |            |
|                                   | 靠板電子顯示 Rapid Fence Display      |             | 選配 Optional                                          |            |            |
|                                   | 傾斜調整 Tilting Adjustment         |             | 手動 Manual (0° ~45°)                                  |            |            |
|                                   | 高度調整 Height Adjustment          |             | 手動(電動升降-選配) Manual (Motorized up/down movement Opt.) |            |            |
| 鋸片調整 Blade Adjustment             | 傾斜角度顯示 Tilting Angle Show       |             | 數字顯示 Digital Display                                 |            |            |
|                                   | 標配 Standard                     |             | 簡易版 Simple                                           |            |            |
|                                   | 選配 Optional                     |             | 豪華版 Luxurious                                        |            |            |
|                                   | 工具架 Tool Frame                  |             | ● (CE)                                               |            |            |
| 集塵系統 Dust Collection              |                                 |             | Main Channel 4", Simple ø100, Luxurious 3"           |            |            |
| 手動壓料座 Rapid Clamp                 |                                 |             | 選配 Optional                                          |            |            |

※機台規格若有變更，恕不另行通知。 Specifications subject to change without prior notice.

推台鋸  
SLIDING TABLE SAW

YL-19 / 26 / 32 / 38

| 技術規格 Technical Specifications              |                                               |
|--------------------------------------------|-----------------------------------------------|
| 滑動工作台切削長度<br>Sliding Table Cutting Lengths | 有無修邊鋸切削長度<br>With or without Scoring Sawblade |
| 1900 mm (74.8")                            | 1800 mm (70.87")                              |
| 2600 mm (102.36")                          | 2500 mm (98.53")                              |
| 3200 mm (126")                             | 3100 mm (122.05")                             |
| 3800 mm (149.61")                          | 3700 mm (145.67")                             |

| 切削深度 Cutting Depths         |                   |                   |                    |                    |
|-----------------------------|-------------------|-------------------|--------------------|--------------------|
| 鋸片尺寸 Saw blade Size         | ø250mm (10")      | ø305mm (12")      | ø355mm (14")       | ø400mm (16")       |
| 90° 切削深度 90° Cutting Depths | 0~52 mm (0~2.04") | 0~77 mm (0~3.03") | 0~102 mm (0~4.01") | 0~122 mm (0~4.80") |
| 45° 切削深度 45° Cutting Depths | 0~35 mm (0~1.37") | 0~53 mm (0~2.04") | 0~70 mm (0~2.75")  | 0~85 mm (0~3.34")  |

## Rapid Clamp (Opt.)



## Luxurious Type Safety Guard

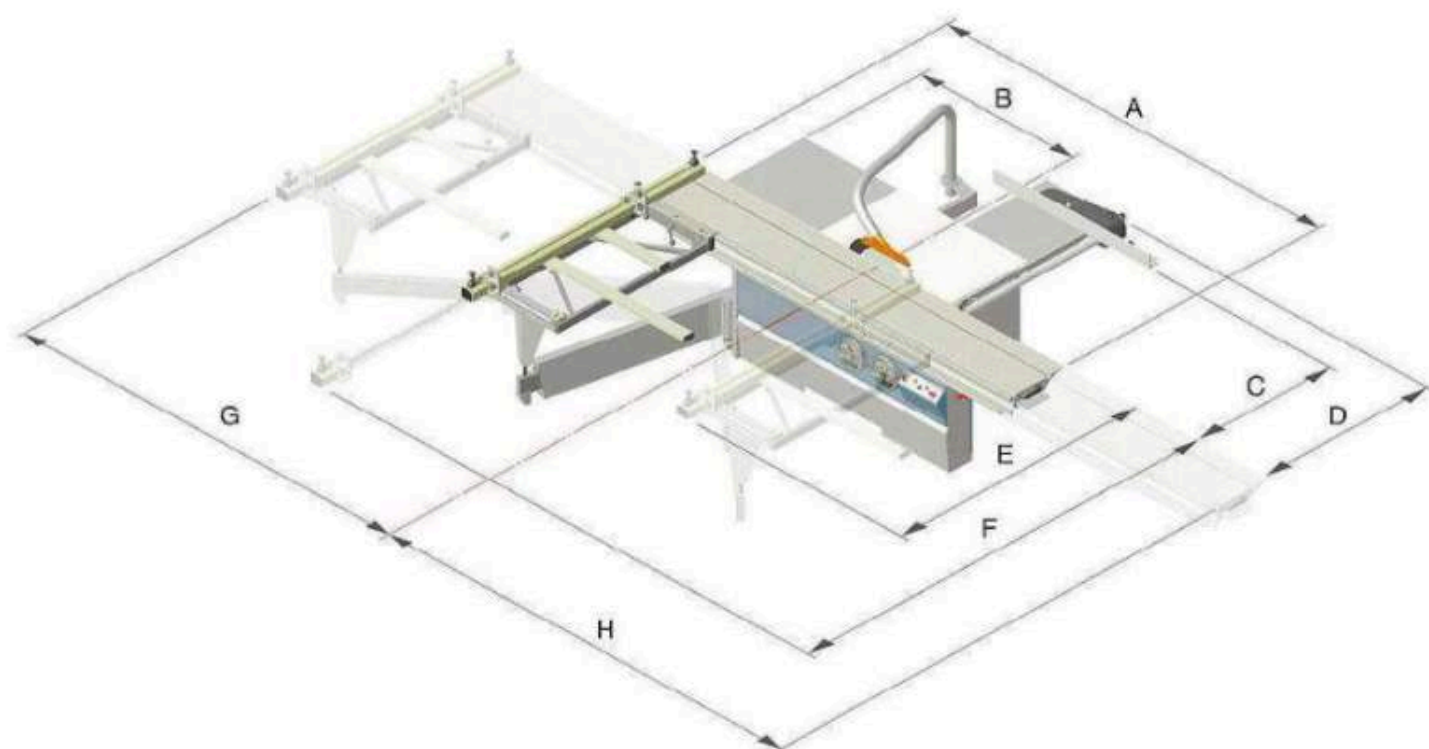




## 推台鋸

## SLIDING TABLE SAW

YL-19 / 26 / 32 / 38



|   |                                                 |                           |
|---|-------------------------------------------------|---------------------------|
| A | 滑動工作台長度 Sliding Table Length                    | 1900, 2600, 3200, 3800 mm |
| B | CE                                              | 1200 mm                   |
|   | Non-CE                                          | 850 mm                    |
| C | 切削寬度 Cutting Width                              | 1000, 1300, 1500 mm       |
| D | 切削寬度 Cutting Width +225                         |                           |
| E | 橫切靠板 Crosscut Fence                             | 1320 mm                   |
|   | 橫切靠板 (YL-26/32/38) Crosscut Fence (YL-26/32/38) | 1820 mm                   |
|   | 橫切靠板 (YL-38) Crosscut Fence (YL-38)             | Max. 4128 mm              |
| F | 橫切靠板 (YL-26/32) Crosscut Fence (YL-26/32)       | Max. 3230 mm              |
|   | 橫切靠板 (YL-19) Crosscut Fence (YL-19)             | Max. 2730 mm              |
|   | YL-38工作台長度 YL-38 Table Length                   | 4070 mm                   |
|   | YL-32工作台長度 YL-32 Table Length                   | 3525 mm                   |
| G | YL-26工作台長度 YL-26 Table Length                   | 2935 mm                   |
|   | YL-19工作台長度 YL-19 Table Length                   | 2235 mm                   |
|   | YL-32工作台長度 YL-32 Table Length                   | 3470 mm                   |
| H | YL-26工作台長度 YL-26 Table Length                   | 2885 mm                   |
|   | YL-19工作台長度 YL-19 Table Length                   | 2155 mm                   |

## 推台鋸

## SLIDING TABLE SAW



YL-2600TM / 3200TM / 3800TM

| 規格 MODEL                                      | YL-2600TM                       | YL-3200TM                                            | YL-3800TM  |
|-----------------------------------------------|---------------------------------|------------------------------------------------------|------------|
| 鑄鐵工作台尺寸 Table Size                            |                                 | 620x1125 mm                                          |            |
| 滑動工作台尺寸 Sliding Table Size                    | 380x2600mm                      | 380x3200mm                                           | 380x3800mm |
| 標準鋸片尺寸 $\phi 305$ mm                          |                                 | 標配 Standard                                          |            |
| Main Sawblade Size $\phi 400$ mm              |                                 | 標配 Standard                                          |            |
| 最大可裝載鋸片尺寸 Max. Sawblade Size ( $\phi 355$ mm) |                                 | 選配 Optional                                          |            |
| 鋸片孔徑 Sawblade Bore                            |                                 | $\phi 30$ ( $\phi 25.4$ )                            |            |
| 90° 最大切削深度 90° Max. Cutting Depth             |                                 | 125 mm                                               |            |
| 45° 最大切削深度 45° Max. Cutting Depth             |                                 | 88 mm                                                |            |
| 馬達 Motor                                      | 馬力 HP                           | 7.5HP (5.5kw)                                        |            |
|                                               | 轉速 Speed                        | 3000/4000/5000/6000 rpm                              |            |
| 修邊鋸 Scoring                                   | 馬力 HP                           | 1HP (0.75kw)                                         |            |
|                                               | 尺寸 Size                         | $\phi 120$                                           |            |
|                                               | 轉速 Speed                        | 8000 rpm                                             |            |
|                                               | 孔徑 Bore                         | $\phi 22$                                            |            |
| 裁切尺寸 Cutting Size                             | 高度調整 Height Adjustment          | 手動 Manual                                            |            |
|                                               | 方向調整 Direction Adjustment       | 手動 Manual                                            |            |
|                                               | 1300 mm                         | 標配 Standard                                          |            |
|                                               | 1500 mm                         | 選配 Optional                                          |            |
| 延伸工作台 Table Extension                         | 調整 Adjustment                   | 手動 Manual                                            |            |
|                                               | 標配 Standard                     | 400 mm                                               |            |
| 靠板 Fence                                      | 選配 Optional                     | 670 mm (CE)                                          |            |
|                                               | 斜切靠板 Mitre Fence                | 標配 Standard                                          |            |
|                                               | 橫切靠板數字顯示 Crosscut Fence Display | 選配 Optional                                          |            |
| 鋸片調整 Blade Adjustment                         | 傾斜調整 Tilting Adjustment         | 手動 Manual ( $0^\circ \sim 45^\circ$ )                |            |
|                                               | 高度調整 Height Adjustment          | 手動(電動升降-選配) Manual (Motorized up/down movement Opt.) |            |
|                                               | 鋸片角度顯示 Sawblade Angle Show      | 數字顯示 Digital Display                                 |            |
|                                               | 主鋸片速度顯示 Sawblade Speed Show     | 數字顯示 Digital Display                                 |            |
| 安全護罩 Saw Guard                                | 標配 Standard                     | 簡易版 Simple                                           |            |
|                                               | 選配 Optional                     | 豪華版 Luxurious                                        |            |
| 工具架 Tool Frame                                | 標配 Standard                     | ● (CE)                                               |            |
| 集塵系統 Dust Collection                          |                                 | Main Channel 5", Simple 4", Luxurious 3"             |            |

※機台規格若有變更，恕不另行通知。 Specifications subject to change without prior notice.





手輪控制 Hand Wheel



靠板電子顯示 Display of Rapid Fence

豪華型安全護罩  
Luxurious type safety guard (Opt.)手動壓料座  
Rapid Clamp (Opt.)修邊鋸調整  
Scoring Blade Adjusting長軸  
Long spindle控制面板  
Control panel推台鋸  
SLIDING TABLE SAW

## YL-350-3H



| 規格 MODEL                                  |                              | YL-350-3H                     |
|-------------------------------------------|------------------------------|-------------------------------|
| 鑄鐵工作台尺寸 Table Size                        |                              | 620x1125 mm                   |
| 滑動工作台尺寸 Sliding Table Size                |                              | 380x2600/3200/3800 mm         |
| 標準鋸片尺寸 Main Sawblade Size                 | Ø305 mm                      | 標配 Standard                   |
|                                           | Ø355 mm                      | 選配 Optional                   |
| 最大可裝載鋸片尺寸<br>Max. Sawblade Size (Ø400 mm) | 標配 Standard                  | Ø400 mm                       |
|                                           | 選配 Optional                  | Ø400 mm                       |
| 觸碰螢幕 Touch Panel                          |                              | 5.7" STN Color                |
| 鋸片孔徑 Sawblade Bore                        |                              | Ø30 (Ø25.4)                   |
| 90° 最大切削深度 90° Max. Cutting Depth         |                              | 125 mm                        |
| 45° 最大切削深度 45° Max. Cutting Depth         |                              | 88 mm                         |
| 馬達 Motor                                  | 馬力 HP                        | 標配 Standard 7.5HP (5.5kw)     |
|                                           |                              | 選配 Optional 10HP (7.5kw)      |
|                                           | 轉速 Speed                     | 3000/4000/5000/6000 rpm       |
| 修邊鋸 Scoring                               | 馬力 HP                        | 1HP (0.75kw)                  |
|                                           | 尺寸 Size                      | Ø120                          |
|                                           | 轉速 Speed                     | 8000 rpm                      |
|                                           | 孔徑 Bore                      | Ø22                           |
| 裁切尺寸 Cutting Size                         | 高度調整 Height Adjustment       | 電動 Motorize Control           |
|                                           | 方向調整 Direction Adjustment    | 電動 Motorize Control           |
|                                           | 1300 mm                      | 標配 Standard                   |
| 延伸工作台 Table Extension                     | 1500 mm                      | 選配 Optional                   |
|                                           | 調整 Adjustment                | 電腦控制 CNC Control              |
| 靠板 Fence                                  | 標配 Standard                  | 400 mm                        |
|                                           | 選配 Optional                  | 670 mm (CE)                   |
|                                           | 斜切靠板 Mitre Fence             | 標配 Standard                   |
|                                           | 斜切靠板電子顯示 Mitre Fence Display | 選配 Optional                   |
|                                           | 橫切靠板 Crosscut Fence          | 手動 Manual                     |
| 鋸片調整 Blade Adjustment                     | 橫切靠板顯示                       | 雙電子顯示(選配)                     |
|                                           | Crosscut Fence Display       | Digital Show(Optional)        |
|                                           | 傾斜調整                         | 電腦控制 CNC Control              |
| 安全護罩 Saw Guard                            | 高度調整 Height Adjustment       | (0° ~45°)                     |
|                                           | 標配 Standard                  | 電腦控制 CNC Control              |
| 工具架 Tool Frame                            | 標配 Standard                  | 豪華版 Luxurios                  |
| 懸吊式控制面板 Hanging Type Control Panel        |                              | ●                             |
| 集塵系統 Dust Collection                      |                              | 標配 Standard                   |
| 手動壓料座 Rapid Clamp                         |                              | Main Channel 5", Luxurious 3" |
| 程序記憶 Memory Program                       |                              | 選配 Optional                   |
|                                           |                              | Max. 300 sets                 |

※機台規格若有變更，恕不另行通知。 Specifications subject to change without prior notice.





橫切靠板  
Crosscut

電子顯示  
Digital Display



安全桿  
Safety Bar



長軸  
Long Spindle



## 推台鋸 SLIDING TABLE SAW



### YL-26-2x / 32-2x / 38-2x

| 規格 MODEL                               | YL-26-2x                      | YL-32-2x                      | YL-38-2x   |
|----------------------------------------|-------------------------------|-------------------------------|------------|
| 鑄鐵工作台尺寸 Table Size                     |                               | 570x1000 mm                   |            |
| 滑動工作台尺寸 Sliding Table Size             | 380x2600mm                    | 380x3200mm                    | 380x3800mm |
| 標準鋸片尺寸 Main Sawblade Size              | ø305 mm                       | 標配 Standard                   |            |
|                                        | ø400 mm                       | 選配 Optional                   |            |
| 最大可裝載鋸片尺寸 Max. Sawblade Size (ø400 mm) | 標配 Standard                   | ø355 mm                       |            |
|                                        | 選配 Optional                   | ø400 mm                       |            |
| 鋸片孔徑 Sawblade Bore                     |                               | ø30 (ø25.4)                   |            |
| 90° 最大切削深度 90° Max. Cutting Depht      |                               | 102 mm                        |            |
| 45° 最大切削深度 45° Max. Cutting Depht      |                               | 72 mm                         |            |
| 馬達 Motor                               | 馬力 HP                         | 標配 Standard 7.5HP (5.5kw)     |            |
|                                        |                               | 選配 Optional 10HP (7.5kw)      |            |
|                                        | 轉速 Speed                      | 3000/4000/5000 rpm            |            |
|                                        | 馬力 HP                         | 1HP (0.75kw)                  |            |
|                                        | 尺寸 Size                       | ø120                          |            |
| 修邊鋸 Scoring                            | 轉速 Speed                      | 8000 rpm                      |            |
|                                        | 孔徑 Bore                       | ø22                           |            |
|                                        | 高度調整 Height Adjustment        | 手動 Manual                     |            |
|                                        | 方向調整 Direction Adjustment     | 手動 Manual                     |            |
| 裁切尺寸 Cutting Size                      | 1300 mm                       | 標配 Standard                   |            |
|                                        | 1500 mm                       | 選配 Optional                   |            |
|                                        | 調整 Adjustment                 | 電腦控制 CNC Control              |            |
| 延伸工作台 Table Extension                  | 標配 Standard                   | 370 mm                        |            |
|                                        | 選配 Optional                   | 720 mm (CE)                   |            |
| 靠板 Fence                               | 斜切靠板 Mitre Fence              | 標配 Standard                   |            |
|                                        | 靠板顯示 Digital Display          | 選配 Optional                   |            |
|                                        | 橫切靠板顯示 Crosscut Fence Display | 選配 Optional                   |            |
| 鋸片調整 Blade Adjustment                  | 傾斜調整 Tilting Adjustment       | 電腦控制 CNC Control (0° ~45°)    |            |
|                                        | 高度調整 Height Adjustment        | 電腦控制 CNC Control              |            |
|                                        | 轉速顯示 Speed Display            | 標配 Standard                   |            |
| 安全護罩 Saw Guard                         | 標配 Standard                   | 豪華版 Luxurios                  |            |
| 工具架 Tool Frame                         | 標配 Standard                   |                               |            |
| 集塵系統 Dust Collection                   |                               | Main Channel 4", Luxurious 3" |            |
| 手動壓料座 Rapid Clamp                      |                               | 選配 Optional                   |            |

※機台規格若有變更，恕不另行通知。 Specifications subject to change without prior notice.



## 技術規格 Technical Specifications

| 滑動工作台長度<br>Sliding Table Lengths | 加橫切靠板<br>With Crosscut Fence | 加橫切靠板與氣動夾具<br>With Crosscut Fence & pneumatic clamp |
|----------------------------------|------------------------------|-----------------------------------------------------|
| 1900 mm                          | 1800 mm                      | 1700 mm                                             |
| 2600 mm                          | 2500 mm                      | 2400 mm                                             |
| 3200 mm                          | 3100 mm                      | 3000 mm                                             |
| 3800 mm                          | 3700 mm                      | 3600 mm                                             |

## 切削深度 Cutting Depths

| 鋸片尺寸 Saw blade Size            | Ø250mm (10")      | Ø305mm (12")      | Ø355mm (14")      | Ø400mm (16")           |
|--------------------------------|-------------------|-------------------|-------------------|------------------------|
| 90° 切削深度<br>90° Cutting Depths | 0~50 mm (0~2")    | 0~75 mm (0~2.95") | 0~100 mm (0~4")   | 28~125 mm (1.1"~4.92") |
| 45° 切削深度<br>45° Cutting Depths | 0~35 mm (0~1.38") | 0~53 mm (0~2.09") | 0~70 mm (0~2.76") | 19.8~88 mm (0.8"~3.5") |

電動靠板  
Auto Rapid Fence



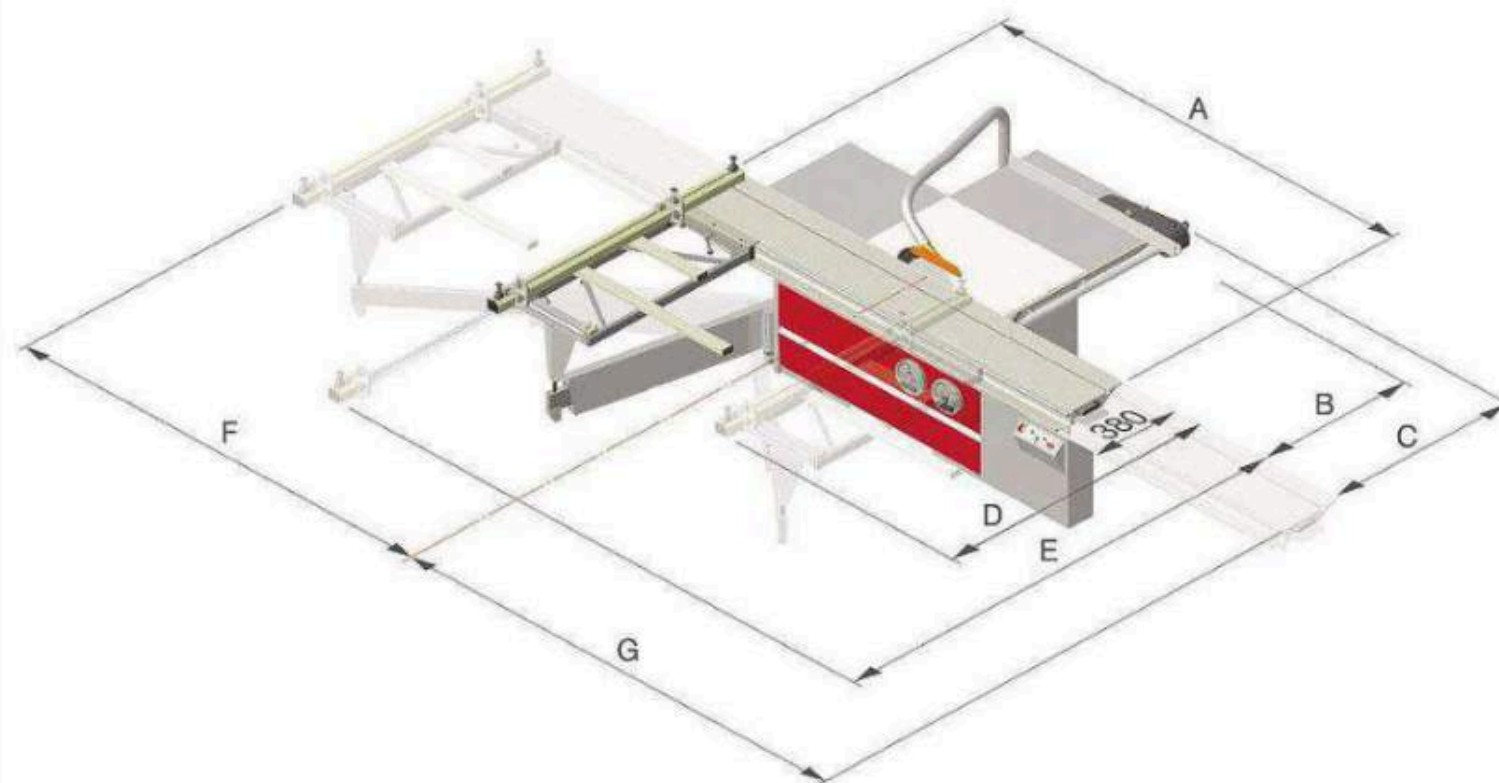
安全桿  
Safety Bar



滑動工作台  
Sliding Table



工具架  
Tool Frame



|                                             |                       |
|---------------------------------------------|-----------------------|
| A 滑動工作台長度 Sliding Table Length              | 2600 / 3200 / 3800 mm |
| B 切削寬度 Cutting Width                        | 1300 / 1500 mm        |
| C 切削寬度 Cutting Width +225                   |                       |
| D 切削寬度 Cutting Width +420                   | (2X / 3H)             |
| E 橫切靠板 Crosscut Fence                       | 1820 mm               |
| F 滑動工作台長度 +340<br>Sliding Table Length +340 | Max. 3215 mm          |
| G 滑動工作台長度 +260<br>Sliding Table Length +260 |                       |

滑動工作台-上鎖  
Sliding table lock



滑動工作台-未鎖  
Sliding table unlock





## 規格：

| 型 號                | YL-MRS-700                              | YL-MRS-350                                   |
|--------------------|-----------------------------------------|----------------------------------------------|
| 最大鋸切厚度             | 220 mm (8.661")                         | 135 mm (5.315")                              |
| 最大鋸切寬度             | 350 mm (13.779")                        | 350 mm (13.78")                              |
| 機柱至履帶中心之距離         | 345 mm (13.583")                        | 380 mm (14.961")                             |
| 最短壓料長度             | 900 mm (35.433")                        | 650 mm (25.591")                             |
| 最大鋸片直徑             | Ø350 mm (14")                           | Ø405 mm (16")                                |
| 最小鋸片直徑             | Ø250 mm (10")                           | Ø250 mm (10")                                |
| 鋸片孔徑               | Ø70 mm (2.756")                         | Ø70 mm (2.756")                              |
| 主軸直徑               | Ø55 mm (2.165")                         | Ø55 mm (2.165")                              |
| 主軸迴轉數              | 3500 rpm                                | 3800 rpm (50, 60 HP) / 3000 rpm (75, 100 HP) |
| 主軸馬達               | 2 x 50, 60, 75, 100 HP or 125 HP        | 50, 60, 75, 100 HP                           |
| 進料速度               | -                                       | 7.5 ~ 30 M/min (24' ~ 98'/min)               |
| 變頻進料速度             | 4 ~ 25 M/min (13' ~ 82'/min)            | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)     |
| 進料馬達               | 5 HP                                    | 2 HP (3 HP on request)                       |
| 壓料輪自動昇降馬達          | 0.5 HP                                  | 0.5 HP                                       |
| 工作台面離地高度 (H)       | 840 mm (33.07")                         | 745 mm (29.331")                             |
| 工作台尺寸 (L x W)      | 2630 mm x 750 mm (104' x 29")           | 1840 mm x 770 mm (72'x31")                   |
| 機械最大尺寸 (L x W x H) | 2700 x 2400 x 1720 mm (106'x 94' x 68") | 2400 x 1648 x 1580 mm (95' x 65' x 71")      |
| 包裝尺寸               | 2970 x 2520 x 1900 mm (117'x 99'x 75")  | 2090 x 1750 x 1800 mm (82' x 69' x 70.9")    |
| 淨重                 | 5150 kgs                                | 2400 kgs                                     |
| 毛重                 | 5600 kgs                                | 2700 kgs                                     |

| 型 號                | YL-MRS-300                                       | YL-MRS-12                                       |
|--------------------|--------------------------------------------------|-------------------------------------------------|
| 最大鋸切厚度             | 120 mm (4.724")                                  | 85 mm (3.346")                                  |
| 最大鋸切厚度 (短料系統)      | 95 mm (3.74") (optional)                         | 70 mm (2.756") (optional)                       |
| 最大鋸切寬度             | 300 mm (11.811")                                 | 300 mm (11.811")                                |
| 機柱至履帶中心之距離         | 360 mm (14.173")                                 | 360 mm (14.173")                                |
| 最短壓料長度             | 500 mm (19.685")                                 | 400 mm (16")                                    |
| 最短壓料長度 (短料系統)      | 300 mm (11.811") (optional)                      | 200 mm (7.874") (optional)                      |
| 最大鋸片直徑             | Ø380 mm (15")                                    | Ø300 mm (12")                                   |
| 最小鋸片直徑             | Ø250 mm (10")                                    | Ø200 mm (8")                                    |
| 鋸片孔徑               | Ø70 mm (2.756")                                  | Ø70 mm (2.756")                                 |
| 主軸直徑               | Ø50 mm (1.969")                                  | Ø50 mm (1.969")                                 |
| 主軸迴轉數              | 3800 rpm                                         | 3800 rpm                                        |
| 主軸馬達               | 30, 40, 50, 60 HP                                | 30, 40, 50 HP                                   |
| 進料速度               | 7.5 ~ 30 M/min (24' ~ 98'/min)                   | 7.5 ~ 30 M/min (24' ~ 98'/min)                  |
| 變頻進料速度 (選購)        | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)         | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)        |
| 進料馬達               | 2 HP (3 HP on request)                           | 2 HP (3 HP on request)                          |
| 壓料輪自動昇降馬達          | 0.5 HP                                           | 0.5 HP                                          |
| 工作台面離地高度 (H)       | 850 mm (33.46")                                  | 850 mm (33.46")                                 |
| 工作台尺寸 (L x W)      | 1530 mm x 760 mm (60' x 30")                     | 1530mm x 760mm (60' x 30")                      |
| 機械最大尺寸 (L x W x H) | 1930 x 1500 x 1722 mm (76' x 59' x 67.8")        | 1930 x 1500 x 1646 mm (76' x 59' x 64.8")       |
| 包裝尺寸               | 1720 x 1690 x 1820 mm (67.72' x 66.54' x 71.65") | 1730 x 1670 x 1900 mm (68.11' x 65.75' x 74.8") |
| 淨重                 | 2050 kgs                                         | 2050 kgs                                        |
| 毛重                 | 2350 kgs                                         | 2350 kgs                                        |

■ 由於本公司不斷改進研究，以上規格本公司有變更權利，恕不另行通知。



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# MULTIPLE RIP SAW

## YL-MRS-700 雙軸多片縱鋸機



特殊設計的氣壓式入料軸，適合大型超重料的入料作業。5排防反彈指片（2排獨立安裝，1排安裝於台面上，2排安裝於送料軸），確實保護操作者安全。



本機是特別設計，用於原木截切後之第一段或第二段加工使用。特別適合地板、建材和門板框加工。超厚的加工能力（220mm以上），可取代帶鋸的加工。



### 人機操作介面（選購）

本機配備PLC人性化的操作介面，並且具有自我偵測功能，方便維修。觸控式的操作面板，方便操作。



## 多片縱鋸機操作特點 YL-MRS-12 / YL-MRS-300 / YL-MRS-350



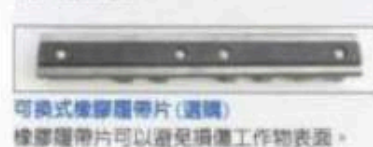
**履帶送料機構**  
送料履帶採用特殊鋼製成。連結軸為高級鋼材，經熱處理硬化，精密研磨。整體送料機構，於高速運轉時，擁有最佳的直線精度。



**短料與薄料截切裝置（選購）**  
前段和後段的壓料輪，結合了特殊設計的壓料板，適合短料和薄料的加工。



**可換式導軌帶片（選購）**  
導片磨損時，只要更換中心的導軌片，更換容易且迅速。



**可換式橡膠帶片（選購）**  
橡膠帶片可以保護工作物表面。



**自動潤滑系統（YL-MRS-12, YL-MRS-300）**  
此中央潤滑系統，能確保在輸送片與軌道間注入保護的油膜。本潤滑系統具有油量不足警示燈，和缺油自動停止履帶運轉功能，確實保護送料機構的使用壽命。



**數值控制履帶給油裝置（YL-MRS-350A）**  
本機採用集中式潤滑系統，履帶及軌道隨時保持適當的油膜。潤滑系統可依各種不同木料的鋸切特性，使用者可自行調整。油箱內油量不足時有警示燈指示，且自動停止履帶運轉，徹底保護履帶與軌道壽命。



**過載保護裝置（選購）**  
●這是鋸輪馬達的過載保護裝置。如果鋸輪馬達與馬達超過設定的安培數（即燈號轉為黃紅燈時），送料履帶會自動停轉。此裝置可防止工件推擠鋸輪或損壞鋸片，大槪提升鋸片壽命10-20%。  
●送料履帶變速無段變速，操控容易。



**雷射投光設備（選購）**  
提供操作者更方便的鋸切尺寸設定，並將材料耗損減到最低程度。

## YL-MRS-350 多片縱鋸機

結構穩重的YL-MRS-350是針對強而有力的重切削作業而設計。



**強力的送料架（選購）**  
本機送料架配備有上下強力的齒式輸送輪，以確保在輸送重料的安全和效率。

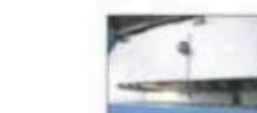
## YL-MRS-300 多片縱鋸機

備受歡迎的YL-MRS-300，再升級！！



## YL-MRS-12 多片縱鋸機

●新設計滾輪座電動升降（0.5 HP）



本機前後各三排的壓料輪，結合特殊的壓料板，最短加工長度200 mm。

獨特設計與製造的YL-MRS-12，適合木芯板、指接材和傢俱廠備料加工，本機更具有高精度裁切的加工特性。



| Model                                                 | YL-MRS-350                                   |
|-------------------------------------------------------|----------------------------------------------|
| Max. cutting thickness                                | 135 mm (5.315")                              |
| Max. cutting width                                    | 350mm (13.78")                               |
| Distance from column to link chain center             | 380 mm (14.961")                             |
| Mini. working length                                  | 650 mm (25.591")                             |
| Max. sawblade diameter                                | Ø405 mm (16")                                |
| Mini. sawblade diameter                               | Ø250 mm (10")                                |
| Sawblade bore                                         | Ø70 mm (2.756")                              |
| Saw arbor diameter                                    | Ø55 mm (2.165")                              |
| Saw arbor speed                                       | 3800 rpm (50, 60 HP) / 3000 rpm (75, 100 HP) |
| Saw arbor motor                                       | 50, 60, 75, 100 HP                           |
| Variable feed speed                                   | 7.5 ~ 30 M/min (24' ~ 98'/min)               |
| Variable feed speed (for electrical amperage display) | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)     |
| Feed motor                                            | 2 HP (3 HP on request)                       |
| Hold down roller elevating motor                      | 0.5 HP                                       |
| Table height                                          | 745 mm (29.331")                             |
| Table area (LxW)                                      | 1840 mm x 770 mm (72"x31")                   |
| Overall dimensions (LxWxH)                            | 2400 x 1648 x 1580 mm (95" x 65" x 71")      |
| Packing dimensions (LxWxH)                            | 2090 x 1750 x 1800 mm (82" x 69" x 70.9")    |
| Net weight                                            | 2400 kgs                                     |
| Gross weight                                          | 2700 kgs                                     |

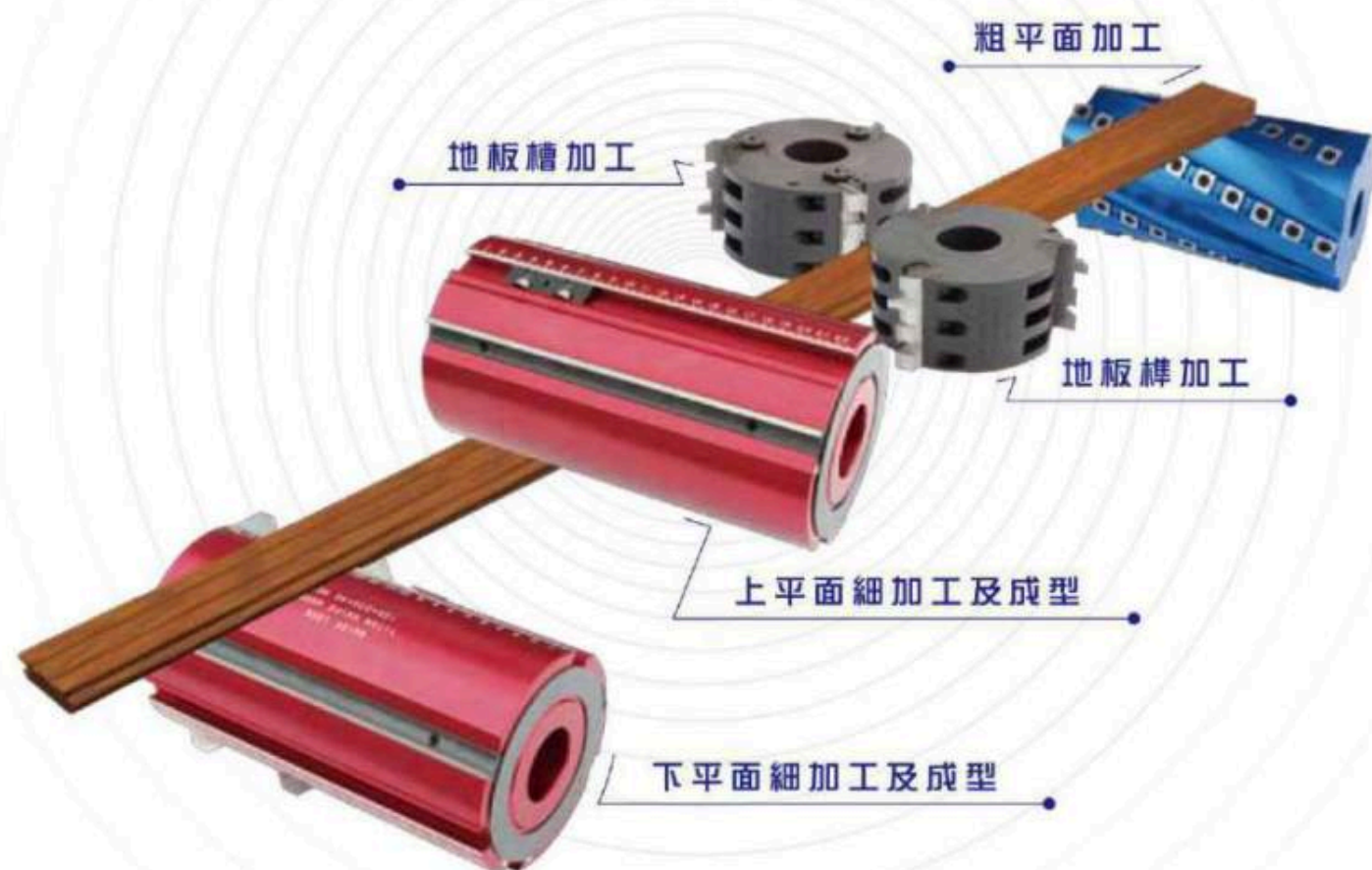
| Model                                                 | YL-MRS-300                                       | YL-MRS-12                                       |
|-------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Max. cutting thickness                                | 120 mm (4.724")                                  | 85 mm (3.346")                                  |
| Max. cutting thickness (w/short stock device)         | 95 mm (3.74") (optional)                         | 70 mm (2.756") (optional)                       |
| Max. cutting width                                    | 300 mm (11.811")                                 | 300 mm (11.811")                                |
| Distance from column to link chain center             | 360 mm (14.173")                                 | 360 mm (14.173")                                |
| Mini. working length                                  | 500 mm (19.685")                                 | 400 mm (16")                                    |
| Mini. working length (w/short stock device)           | 300 mm (11.811") (optional)                      | 200 mm (7.874") (optional)                      |
| Max. sawblade diameter                                | Ø380 mm (15")                                    | Ø300 mm (12")                                   |
| Mini. sawblade diameter                               | Ø250 mm (10")                                    | Ø200 mm (8")                                    |
| Sawblade bore                                         | Ø70 mm (2.756")                                  | Ø70 mm (2.756")                                 |
| Saw arbor diameter                                    | Ø50 mm (1.969")                                  | Ø50 mm (1.969")                                 |
| Saw arbor speed                                       | 3800 rpm                                         | 3800 rpm                                        |
| Saw arbor motor                                       | 30, 40, 50, 60 HP                                | 30, 40, 50 HP                                   |
| Variable feed speed                                   | 7.5 ~ 30 M/min (24' ~ 98'/min)                   | 7.5 ~ 30 M/min (24' ~ 98'/min)                  |
| Variable feed speed (for electrical amperage display) | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)         | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)        |
| Feed motor                                            | 2 HP (3 HP on request)                           | 2 HP (3 HP on request)                          |
| Hold down roller elevating motor                      | 0.5 HP                                           | 0.5 HP                                          |
| Table height                                          | 850 mm (33.46")                                  | 850 mm (33.46")                                 |
| Table area (LxW)                                      | 1530 mm x 760 mm (60" x 30")                     | 1530mm x 760mm (60" x 30")                      |
| Overall dimensions (LxWxH)                            | 1930 x 1500 x 1722 mm (76" x 59" x 67.8")        | 1930 x 1500 x 1646 mm (76" x 59" x 64.8")       |
| Packing dimensions (LxWxH)                            | 1720 x 1690 x 1820 mm (67.72" x 66.54" x 71.65") | 1730 x 1670 x 1900 mm (68.11" x 65.75" x 74.8") |
| Net weight                                            | 2050 kgs                                         | 2050 kgs                                        |
| Gross weight                                          | 2350 kgs                                         | 2350 kgs                                        |

| 型 號                | YL-MRS-350                                   |
|--------------------|----------------------------------------------|
| 最大鋸切厚度             | 135 mm (5.315")                              |
| 最大鋸切寬度             | 350mm (13.78")                               |
| 機柱至履帶中心之距離         | 380 mm (14.961")                             |
| 最短壓料長度             | 650 mm (25.591")                             |
| 最大鋸片直徑             | Ø405 mm (16")                                |
| 最小鋸片直徑             | Ø250 mm (10")                                |
| 鋸片孔徑               | Ø70 mm (2.756")                              |
| 主軸直徑               | Ø55 mm (2.165")                              |
| 主軸迴轉數              | 3800 rpm (50, 60 HP) / 3000 rpm (75, 100 HP) |
| 主軸馬達               | 50, 60, 75, 100 HP                           |
| 進料速度               | 7.5 ~ 30 M/min (24' ~ 98'/min)               |
| 變頻進料速度             | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)     |
| 進料馬達               | 2 HP (3 HP on request)                       |
| 壓料輪自動昇降馬達          | 0.5 HP                                       |
| 工作台面離地高度 (H)       | 745 mm (29.331")                             |
| 工作台尺寸 (L x W)      | 1840 mm x 770 mm (72"x31")                   |
| 機械最大尺寸 (L x W x H) | 2400 x 1648 x 1580 mm (95" x 65" x 71")      |
| 包裝尺寸               | 2090 x 1750 x 1800 mm (82" x 69" x 70.9")    |
| 淨重                 | 2400 kgs                                     |
| 毛重                 | 2700 kgs                                     |

| 型 號                | YL-MRS-300                                       | YL-MRS-12                                       |
|--------------------|--------------------------------------------------|-------------------------------------------------|
| 最大鋸切厚度             | 120 mm (4.724")                                  | 85 mm (3.346")                                  |
| 最大鋸切厚度 (短料系統)      | 95 mm (3.74") (optional)                         | 70 mm (2.756") (optional)                       |
| 最大鋸切寬度             | 300 mm (11.811")                                 | 300 mm (11.811")                                |
| 機柱至履帶中心之距離         | 360 mm (14.173")                                 | 360 mm (14.173")                                |
| 最短壓料長度             | 500 mm (19.685")                                 | 400 mm (16")                                    |
| 最短壓料長度 (短料系統)      | 300 mm (11.811") (optional)                      | 200 mm (7.874") (optional)                      |
| 最大鋸片直徑             | Ø380 mm (15")                                    | Ø300 mm (12")                                   |
| 最小鋸片直徑             | Ø250 mm (10")                                    | Ø200 mm (8")                                    |
| 鋸片孔徑               | Ø70 mm (2.756")                                  | Ø70 mm (2.756")                                 |
| 主軸直徑               | Ø50 mm (1.969")                                  | Ø50 mm (1.969")                                 |
| 主軸迴轉數              | 3800 rpm                                         | 3800 rpm                                        |
| 主軸馬達               | 30, 40, 50, 60 HP                                | 30, 40, 50 HP                                   |
| 進料速度               | 7.5 ~ 30 M/min (24' ~ 98'/min)                   | 7.5 ~ 30 M/min (24' ~ 98'/min)                  |
| 變頻進料速度 (選購)        | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)         | 2.5 ~ 24 M/min (8' ~ 79'/min) (optional)        |
| 進料馬達               | 2 HP (3 HP on request)                           | 2 HP (3 HP on request)                          |
| 壓料輪自動昇降馬達          | 0.5 HP                                           | 0.5 HP                                          |
| 工作台面離地高度 (H)       | 850 mm (33.46")                                  | 850 mm (33.46")                                 |
| 工作台尺寸 (L x W)      | 1530 mm x 760 mm (60" x 30")                     | 1530mm x 760mm (60" x 30")                      |
| 機械最大尺寸 (L x W x H) | 1930 x 1500 x 1722 mm (76" x 59" x 67.8")        | 1930 x 1500 x 1646 mm (76" x 59" x 64.8")       |
| 包裝尺寸               | 1720 x 1690 x 1820 mm (67.72" x 66.54" x 71.65") | 1730 x 1670 x 1900 mm (68.11" x 65.75" x 74.8") |
| 淨重                 | 2050 kgs                                         | 2050 kgs                                        |
| 毛重                 | 2350 kgs                                         | 2350 kgs                                        |



# 自動鉋木機 手押鉋木機





## 自動鉋木機

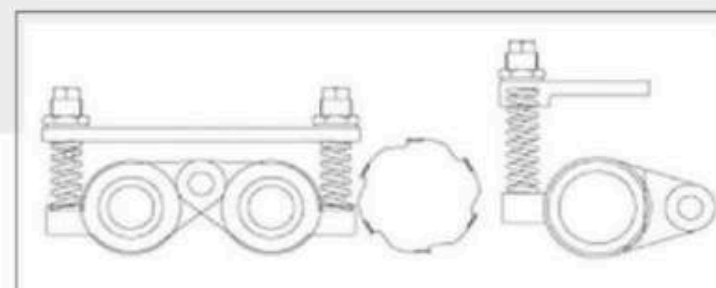
YL-932

YL-940

YL-952

### 機器特性：

- 配備數值位置控制器，提供精準、方便的厚度設定。
- 標準配備直刀刀頭。螺旋刀頭及快速更換刀頭為選購配備。
- 單入料輪、雙出料輪及工作台配置 2 支滾輪，送料強勁平穩。
- 鋼製入料輪及橡膠出料輪為標準配備。  
橡膠入料輪及橡膠出料輪為選購配備。
- 採用變頻器，提供送料之無段變速。
- 工作台電動升降，厚度調整更輕鬆、更快速。
- 工作台採用 4 支大直徑圓柱支撐，使機器擁有高剛性及高穩定性。
- 工作台升降採用 4 支精密滾珠螺桿傳動，具有定位精準及移動順暢之特色（限 YL-940 及 YL-952）。
- 工作台為鑄鐵製成，且台面經精密研磨。
- 上蓋打開自動斷電。
- 附防反彈裝置，以保護操作者之安全。



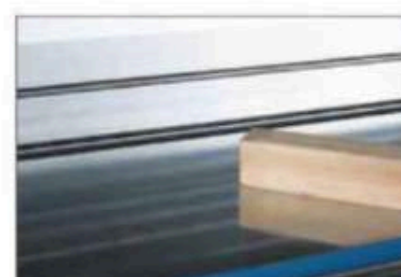
### 獨特槓桿式壓料機構

摒除傳統之滑塊式壓料裝置，此系列機型採用特殊設計的槓桿式壓料機構，可大幅提升送料的穩定性。



### 數值位置控制器

鉋削厚度可經由數值位置控制器設定，提供更精準的厚度控制。



### 工作台面鍍硬鉻

(限 YL-940 及 YL-952)

工作台面經過鍍硬鉻處理，使台面具有優異的耐磨耗性，並且有助於送料之順暢性。



### 精密滾珠螺桿

(限 YL-940 及 YL-952)

工作台升降採用 4 支大直徑之滾珠螺桿傳動，使工作台定位更精準，且升降動作極順暢。



### 工作台滾輪調整簡易

調整工作台滾輪時，只需推動機器前面之調整桿即可。工作台之兩支滾輪可同步調整，既方便又快速。

### 規格表

| 型號               | YL-932                          | YL-940                           | YL-952                           |
|------------------|---------------------------------|----------------------------------|----------------------------------|
| 工作台面積            | 813 x 1000 mm                   | 1016 x 1100 mm                   | 1320 x 1100 mm                   |
| 最大鉋削寬度           | 813 mm                          | 1016 mm                          | 1320 mm                          |
| 最大鉋削厚度           | 300 mm                          | 300 mm                           | 300 mm                           |
| 最小鉋削厚度           | 3 mm                            | 3 mm                             | 3 mm                             |
| 最大加工深度           | 9 mm                            | 9 mm                             | 9 mm                             |
| 刀片數量             | 4                               | 4                                | 4                                |
| 刀片尺寸             | 6 滿槽 / 206 個<br>813 x 38 x 6 mm | 6 滿槽 / 258 個<br>1016 x 38 x 6 mm | 6 滿槽 / 336 個<br>1320 x 38 x 6 mm |
| 刀頭轉速             | 5000 rpm                        | 5000 rpm                         | 5000 rpm                         |
| 刀頭直徑             | 125 mm                          | 125 mm                           | 125 mm                           |
| 刀頭馬達             | 15 HP                           | 20 HP                            | 25 HP                            |
| 升降馬達             | 1/4 HP                          | 1/2 HP                           | 1/2 HP                           |
| 送料速度             | 5-18 m/min                      | 5-18 m/min                       | 5-18 m/min                       |
| 送料馬達             | 1 HP                            | 2 HP                             | 2 HP                             |
| 機器淨重             | 1100 kgs                        | 1250 kgs                         | 1800 kgs                         |
| 機器毛重             | 1250 kgs                        | 1450 kgs                         | 2000 kgs                         |
| 機器尺寸 (寬 x 深 x 高) | 138 x 102 x 125 cm              | 153 x 118 x 125 cm               | 183 x 118 x 125 cm               |
| 裝箱尺寸 (寬 x 深 x 高) | 150 x 123 x 150 cm              | 180 x 136 x 150 cm               | 210 x 136 x 150 cm               |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。



# 自動鉋木機

YL-926



## 機器特性：

- 配備數值位置控制器。
- 標準配備直刀刀頭。
- 螺旋刀頭及快速更換刀頭為選購配備。
- 採用無段變速皮帶輪變換送料速度。
- 單入料輪、雙出料輪及工作台配置2支滾輪，送料強勁平穩。
- 變頻器控制無段送料速度為選購配備。
- 工作台電動升降。
- 工作台採用4支大直徑圓柱支撐。
- 上蓋打開自動斷電。



- 壓料機構調整簡易。
- 附防反彈裝置，確保操作者安全。



- 鋼製入料輪及橡膠出料輪為標準配備。
- 橡膠入料輪及橡膠出料輪為選購配備。



## 工作台4支圓柱支撐

工作台採用4支大直徑圓柱支撐，重切削時更凸顯機器之獨特剛性與穩定性。



## 變頻器（選購配備）

送料速度可依客戶要求改變變頻器控制，提供無段變速(5~18 m/min)，適合加工各種軟硬木料。



## TMA系列刀頭（選購配備）

- 高速鋼Tersa刀片
- 4溝槽
- Tersa系統刀具



## TMR系列刀頭（選購配備）

- 螺旋刀頭
- 圓弧刀片 (15x15x2.5mm R150)
- 標準6溝槽



## TMS系列刀頭（選購配備）

- 螺旋刀頭
- 方型刀片 (14x14x2.0mm, 15x15x2.5mm)
- 標準6溝槽

## 規格表

| 型號               | YL-926                                       |
|------------------|----------------------------------------------|
| 工作台面積            | 660 x 920 mm                                 |
| 最大鉋削寬度           | 660 mm                                       |
| 最大鉋削厚度           | 300 mm                                       |
| 最小鉋削厚度           | 3 mm                                         |
| 最大加工深度           | 9 mm                                         |
| 刀片數量             | 4                                            |
| 直刀刀頭             | 6溝槽 / 168個                                   |
| 螺旋刀頭             | 660 x 30 x 3 mm                              |
| 刀片尺寸             | 14x14x2.0mm (15x15x2.5mm) (15x15x2.5mm R150) |
| 刀頭轉速             | 5000 rpm                                     |
| 刀頭直徑             | 125 mm                                       |
| 刀頭馬達             | 10 HP                                        |
| 升降馬達             | 1/4 HP                                       |
| 送料速度             | 5-18 m/min                                   |
| 送料馬達             | 1 HP                                         |
| 機器淨重             | 900 kgs                                      |
| 機器毛重             | 1000 kgs                                     |
| 機器尺寸 (寬 x 深 x 高) | 115 x 92 x 125 cm                            |
| 裝箱尺寸 (寬 x 深 x 高) | 130 x 102 x 150 cm                           |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。

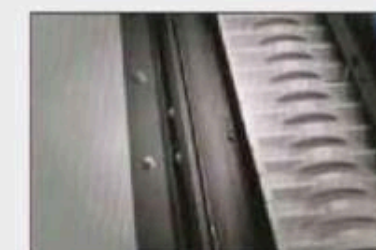
# 自動鉋木機

YL-926P



## TMD系列 平面鉋削/多曲型加工刀頭 多功能、高效率加工

平面鉋削及成型加工(溝槽、屋頂、飾板等)可一次快速完成。



- 最大成型加工寬度: 660 mm
- 最大成型加工深度: 15 mm
- 4溝槽Tersa刀片
- 2溝槽端尾型成型刀片
- 2溝槽實體成型刀片



# 自動鉋木機

YL-20

YL-24



## 機器特性：

- 工作台為鑄鐵製成，且台面經精密研磨。
- 工作台配置 2 支滾輪，有助於增加送料的順暢性。
- 直刀刀頭為標準配備。螺旋刀頭及快速更換刀頭為選購配備。
- 附電磁開關。

YL-20B

YL-24B

## 機器特性：

- 可調式下滾輪。
- 可選配無段變速皮帶輪變換送料速度。



## 規格表

| 型號               | YL-20            | YL-24             |
|------------------|------------------|-------------------|
| 工作台面積            | 546 x 699 mm     | 648 x 760 mm      |
| 最大鉋削寬度           | 508 mm           | 610 mm            |
| 最大鉋削厚度           | 178 mm           | 178 mm            |
| 最小鉋削厚度           | 3 mm             | 3 mm              |
| 最大加工深度           | 6.4 mm           | 6.4 mm            |
| 刀片數量             | 直刀刀頭             | 3                 |
|                  | 螺旋刀頭             | 6 溝槽 / 132 個      |
| 刀片尺寸             | 直刀刀頭             | 510 x 30 x 3 mm   |
|                  | 螺旋刀頭             | 14 x 14 x 2.0 mm  |
| 刀頭轉速             | 5200 rpm         | 5200 rpm          |
| 刀頭直徑             | 77 mm            | 77 mm             |
| 送料速度             | 8 m/min          | 8 m/min           |
| 刀頭馬達             | 3 HP / 5 HP      | 5 HP / 7.5 HP     |
| 機器淨重             | 330 kgs          | 420 kgs           |
| 機器毛重             | 400 kgs          | 500 kgs           |
| 機器尺寸 (寬 x 深 x 高) | 82 x 70 x 97 cm  | 92 x 77 x 97 cm   |
| 裝箱尺寸 (寬 x 深 x 高) | 93 x 79 x 117 cm | 109 x 97 x 117 cm |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。

YL-20H

YL-24H



## 機器特性：

- 密封式構造。此系列鉋木機重量比 YL-20 及 YL24 型更重，因此更適合重切削。
- 直刀刀頭為標準配備。螺旋刀頭及快速更換刀頭為選購配備。
- 工作台為鑄鐵製成，且台面經精密研磨。
- 工作台配置 2 支滾輪，有助於增加送料的順暢性。

YL-20HD

YL-24HD

## 數值位置控制型



## 規格表

| 型號               | YL-20H           | YL-24H            |
|------------------|------------------|-------------------|
| 工作台面積            | 546 x 724 mm     | 635 x 775 mm      |
| 最大鉋削寬度           | 508 mm           | 610 mm            |
| 最大鉋削厚度           | 178 mm           | 178 mm            |
| 最小鉋削厚度           | 3 mm             | 3 mm              |
| 最大加工深度           | 6.4 mm           | 6.4 mm            |
| 刀片數量             | 直刀刀頭             | 3                 |
|                  | 螺旋刀頭             | 6 溝槽 / 132 個      |
| 刀片尺寸             | 直刀刀頭             | 510 x 30 x 3 mm   |
|                  | 螺旋刀頭             | 14 x 14 x 2.0 mm  |
| 刀頭轉速             | 5200 rpm         | 5200 rpm          |
| 刀頭直徑             | 77 mm            | 77 mm             |
| 送料速度             | 8 m/min          | 8 m/min           |
| 刀頭馬達             | 5 HP             | 5 HP / 7.5 HP     |
| 機器淨重             | 360 kgs          | 550 kgs           |
| 機器毛重             | 430 kgs          | 630 kgs           |
| 機器尺寸 (寬 x 深 x 高) | 86 x 72 x 111 cm | 95 x 78 x 111 cm  |
| 裝箱尺寸 (寬 x 深 x 高) | 93 x 86 x 135 cm | 107 x 86 x 135 cm |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。



# 手押鉋木機

## Yl-912J 機器特性：

Yl-914J

Yl-916J

Yl-920J

- 直刀刀頭為標準配備。螺旋刀頭及快速更換刀頭為選購配備。
- 厚鋼板底座，具有高剛性、高穩定性特色。
- 鑄鐵導板可作 45°~90° 之傾斜調整。
- 控制盒操作方便。
- 特殊設計刀頭護蓋，安全性高。
- 快速致動把手，使入料及出料台面調整更快速、更方便。
- 入料及出料台面均經精密研磨。



CE

## 規格表

| 型號               | YL-912J           | YL-914J           | YL-916J           | YL-920J           |
|------------------|-------------------|-------------------|-------------------|-------------------|
| 工作台面積            | 305 x 2020 mm     | 355 x 2020 mm     | 406 x 2300 mm     | 510 x 2300 mm     |
| 主軸轉速             | 5300 rpm          | 5300 rpm          | 5300 rpm          | 5300 rpm          |
| 刀頭直徑             | 100 mm            | 100 mm            | 100 mm            | 100 mm            |
| 刀頭馬達             | 3 HP              | 3 HP              | 5 HP              | 5 HP              |
| 刀片數量             | 3                 | 3                 | 4                 | 4                 |
| 刀片尺寸             | 305 x 30 x 3 mm   | 355 x 30 x 3 mm   | 406 x 30 x 3 mm   | 510 x 30 x 3 mm   |
| 導板尺寸             | 1100 x 150 mm     | 1100 x 150 mm     | 1100 x 150 mm     | 1100 x 150 mm     |
| 導板傾斜角度           | 90° ~ 45°         | 90° ~ 45°         | 90° ~ 45°         | 90° ~ 45°         |
| 機器淨重             | 380 kgs           | 420 kgs           | 450 kgs           | 560 kgs           |
| 機器毛重             | 460 kgs           | 500 kgs           | 540 kgs           | 660 kgs           |
| 機器尺寸 (寬 x 深 x 高) | 202 x 58 x 95 cm  | 202 x 63 x 95 cm  | 230 x 68 x 95 cm  | 240 x 78 x 95 cm  |
| 裝箱尺寸 (寬 x 深 x 高) | 210 x 58 x 115 cm | 210 x 63 x 115 cm | 238 x 68 x 115 cm | 248 x 81 x 115 cm |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。

## Yl-612 機器特性：

- 直刀刀頭為標準配備。螺旋刀頭及快速更換刀頭為選購配備。
- 厚鋼板底座，具有高剛性、高穩定性特色。
- 電磁開關控制。
- 特殊設計安全護蓋，安全性高。
- 刀頭具有降音設計。



## 規格表

| 型號               | YL-612            |
|------------------|-------------------|
| 工作台面積            | 305 x 1840 mm     |
| 主軸轉速             | 5300 rpm          |
| 刀頭直徑             | 100 mm            |
| 刀頭馬達             | 2 HP (3HP)        |
| 刀片數量             | 3                 |
| 刀片尺寸             | 305 x 30 x 3 mm   |
| 導板尺寸             | 110 x 990 mm      |
| 機器淨重             | 330 kgs           |
| 機器毛重             | 400 kgs           |
| 機器尺寸 (寬 x 深 x 高) | 184 x 60 x 95 cm  |
| 裝箱尺寸 (寬 x 深 x 高) | 188 x 95 x 105 cm |

• 本公司保留本目錄內之規格及機器設計特性變更之權利，恕不另行通知。



## YL-635ARD

# 高速送料 速度高達40米/分

## 高產能！創造利潤！



- 馬達採標準Y-△啓動。
- 送料鏈條採自動潤滑系統。
- 工作台面鍍硬鉻，精密研磨，送料順暢，耐磨耗。
- 節段式入料滾輪。
- 附過載警示燈。
- 工作台附三支動力滾輪。
- 上機座電動昇降。

規格表

| 機型          | YL-635ARD        |
|-------------|------------------|
| 最大加工寬度      | 635mm (25")      |
| 最大加工厚度      | 200mm (8")       |
| 最小加工厚度      | 10mm             |
| 最小加工長度      | 310mm            |
| 各軸鏈刀數量      | 96pcs (x2)       |
| 鏈刀規格        | TCT30x12x1.5mm   |
| 刀頭直徑        | φ 126mm          |
| 刀軸轉速        | 5000rpm          |
| 雙料送料速度      | 8-40m/min        |
| 吸塵口徑        | 6" x 2           |
| 工作台面積       | 27"x103"         |
| 上刀軸馬達       | 25HP             |
| 下刀軸馬達       | 20HP             |
| 送料馬達        | 5HP              |
| 上部機座昇降馬達    | 1/2HP            |
| 機械尺寸(LxWxH) | 2667x1145x1720mm |
| 機械重量        | 3000kg           |
| 機械裝箱尺寸      | 2767x1245x1870mm |
| 機械裝箱重量      | 3500kg           |

● 本目錄僅供參考，若有任何變更，恕不另行通知。



後段節段機構

上刀頭之出料端有二支送料鏈及二支工作滾輪，所有滾輪皆由動力傳動，確保更強勁，更穩定的送料效果。



柔性壓料栓

壓料栓採重要結構設計，無間隙，壓力穩定均勻，配合柔性壓料設計，即便厚料加工也無晃動現象。



工作台滾輪

工作台面附三支動力滾輪，及一支被動滾輪，提供穩定送料之順暢性。



【標準】

螺旋刀頭

• 螺旋刀頭精密加工而成。  
• 提供精細的切削面，且無噪音。  
• 使用15x15x2.5MM硬化鋼刀片。



強力送料驅動

50HP送料馬達，以雙鏈條及齒輪式減速機，驅動送料，適合高速切削。



旋轉式控制面板

特殊設計的旋轉式控制面板，使操作者在任何位置皆方便操控。



出料延伸滾輪

工作台之出料端加裝二支滾輪，對於長工件出料，提供穩定的支撐效果。



【選購】

螺旋刀頭（重切削型）

• 螺旋刀頭精密加工而成。  
• 提供精細的切削面，且無噪音。  
• 可選擇使用30x12x1.5MM硬化鋼刀片。



元隆精密機械廠/蒼隆工業有限公司  
YUAN LUNG MACHINERY WORKS/ ROUTMAC  
INDUSTRY CO., LTD  
429 台中市神岡鄉豐洲路1166號  
No. 1166, Fengzhou Rd., Shengang Dist.,  
Taichung City 429, Taiwan (R.O.C.).

## 雙面鉋木機 DOUBLE SURFACE PLANER



### YL-1020W

### YL-635ARD



YL-1020W

最大加工寬度 1020mm

重切削！結構穩重！



- 最大加工寬度1020mm。
- 上刀頭40(50)HP馬達。  
下刀頭30(40)HP馬達。
- 送料鏈條採自動潤滑系統。
- 工作台面鍍硬鉻，精密研磨，送料順暢，耐磨耗。
- 節段式入料滾輪。
- 附機構過載警示燈。
- 工作台附四支動力滾輪。
- 上機座電動昇降。

| 規格表         |                  |
|-------------|------------------|
| 機型          | YL-1020W         |
| 最大加工寬度      | 1020mm (40")     |
| 最大加工厚度      | 200mm (8")       |
| 最小加工厚度      | 10mm             |
| 最小加工長度      | 310mm            |
| 各軸馬力數量      | 328pcs (x2)      |
| 鋸片規格        | TCT 15x15x2.5mm  |
| 刀頭直徑        | φ131mm           |
| 刀軸回轉數       | 4000rpm          |
| 變頻送料速度      | 8-24m/min        |
| 鋸齒口徑        | 8"x4"            |
| 工作台面積       | 40"x103"         |
| 上刀軸馬達       | 40 (50HP)        |
| 下刀軸馬達       | 30 (40HP)        |
| 送料馬達        | 7.5HP            |
| 上卸機座昇降馬達    | 1HP              |
| 機械尺寸(LxWxH) | 2750x1950x1900mm |
| 機械重量        | 6300kg           |
| 機械裝箱尺寸      | 2850x2050x2050mm |
| 機械裝箱重量      | 7000kg           |

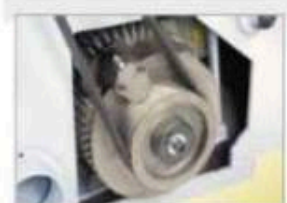
●本目錄僅供參考，若有任何變更，恕不另行通知。



**刀頭承刀座**  
刀頭可拉出，提供刀片更換之方便性。



**後段送料機構**  
上刀頭之入料端及出料端各有二支送料輪及二支工作台滾輪，所有滾輪皆由動力驅動，確保更強勁、更穩定的送料效果。



**氣壓碟式滾車**  
上、下刀頭採用氣壓碟式滾車，可於瞬間停止刀頭轉動，確保人機之安全。



**迴轉式控制面板**  
特殊設計的迴轉式控制面板，使操作者在任何位置皆方便操控。



**入出料台底延伸滾輪**  
工作台之入料端及出料端各加裝五支滾輪，對於長工件之入料及出料，提供穩定的支撐效果。



**簡易精準的前台面調整**  
前台面昇降調整採大型手輪，配合旋轉機構，調整輕鬆。昇降調整的數字錶，可精準指示底面與內面。



**柔性壓料控**  
壓料性採重疊密佈設計，無間隙，壓力穩定均勻。配合柔性壓料設計，即使厚料加工也無跳動現象。



**滑道穩定氣缸**  
上機座昇降滑道兩邊各裝有一支穩定氣缸，提升滑動時之穩定性，確保優良的加工品質。



**強力傳動機構**  
送料及工作台滾輪採用獨特設計的雙鏈條傳動，送料力道更強勁、更順暢。



**高級電控元件**  
電控系統採用高級元件組成，並符合歐洲標準。電控箱內新配置整齊，維修方便。



**螺旋刀頭【標準】**  
• 螺旋刀頭精細加工而成。  
• 提供精細的鋸屑出口，且無廢屑。  
• 使用15x15x2.5MM碳化鎢刀片。



**螺旋刀頭（重切削型）【選購】**  
• 螺旋刀頭精細加工而成。  
• 提供精細的鋸屑出口，且無廢屑。  
• 可選擇使用30x12x1.5MM碳化鎢刀片。



# 雙面刨木機

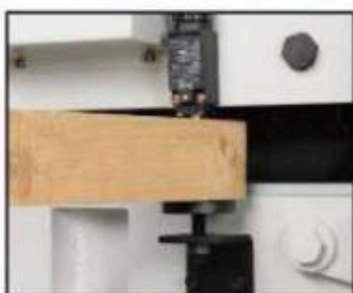
## 優異特性

- 工作台配置四支滾輪，送料效果優異。
- 馬達採標準Y-△啟動。
- 下刀頭皮帶可快速更換。
- 送料鍊條採電動自動潤滑。
- 自動給油系統，提供履帶滑道之方便性。
- 工作台面鍍硬鉻，精密研磨、送料順暢、耐磨耗。
- 上、下刀頭可選購螺旋刀頭。
- 節段式入料滾輪。
- 採氣動拆裝刀具，節省鉋刀更換時間。



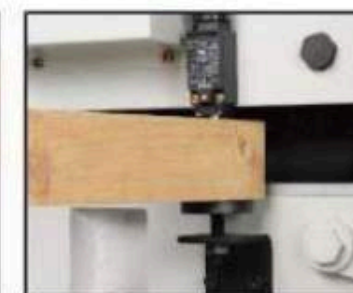
- 加工寬度635mm (25")
- 附數值控制器
- 附NO.1螺旋刀頭
- 快速厚度設定裝置
- 滑座採集中式給油
- 送料變頻器加齒輪減速機

### YL-635ARD



- 加工寬度610mm (24")
- 附平刀刀頭
- 快速厚度設定裝置
- 滑座採集中式給油
- 送料變頻器加齒輪減速機

### YL-610A





## YL-610B

### 短料加工

- 加工寬度610mm (24")
- 短料加工專用
- 附平刀刀頭
- 送料變頻器加齒輪減速機



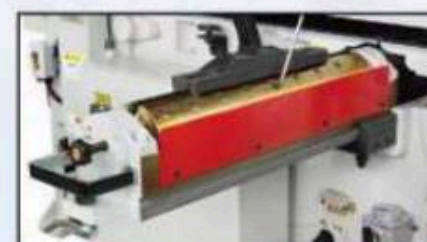
## 標準配備

- 簡易快速校刀器。
- 鍍硬鉻平作平台。
- 快速換刀片平刀頭。
- 快速皮帶鬆緊裝置。
- 自動給油系統。
- 工作台面滾輪校高器。



### 壓料控重疊配置

壓料控採重疊密佈設計，無間隙，壓力穩定均勻，即使窄料加工也無跳動現象。



### 快速鉋刀更換

下刀頭可拉出，拆裝刀具節省鉋刀更換時間。



### 快速皮帶鬆緊調整

只需鬆開固定把手，即可快速更換皮帶或做鬆緊調整。



### 注油器

自動給油系統，提供履帶鍊條經常性自動給油裝置。



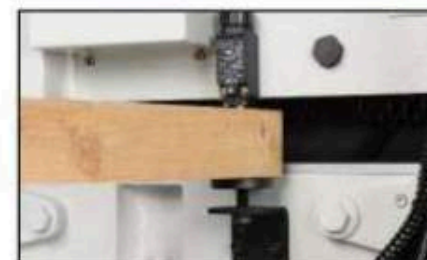
### 送料變頻器

數位顯示、操作便捷，減少機械式變速器耗損。



### 齒輪式減速機

減少溫升磨耗，增加動力傳達效能。



### 快速厚薄設定

只需將預設厚度木塊放置於微動開關處，即可做快速簡易厚度設定。  
(610A, 635ARD為標準配備，其餘為選購配備)



### 後置操控裝置

即時反應異常緊急停止，或僅送料停止及啟動，並提供後段操作者就地調整機械高度。



### 集中給油系統

本機配置集中給油系統，方便各昇降滑座之保養潤滑。  
(610A, 635ARD為標準配備，其餘為選購配備)

## YL-400B

### 短料加工

- 加工寬度405mm (16")
- 短料加工專用
- 附平刀刀頭
- 送料變頻器加齒輪減速機



### 平刀刀頭

- 刀片安裝可採氣動扳手拆裝。
- 適用

610A: 刀片尺寸(610x38x6mm) x 8pcs

610B: 刀片尺寸(610x30x3mm) x 8pcs

400B: 刀片尺寸(406x30x3mm) x 8pcs



## 選購配備

- 數位式工作台定位。
- 加大主軸馬力。
- 螺旋刀頭。
- 側面調整工作台。



### NO.1 螺旋刀頭 選購配備

- 螺旋刀頭精密加工而成。
- 提供精細的鉋削面，且無噪音。
- 螺旋刀頭裝置捨棄式碳化鎢刀片。
- 適用全系列機種

635ARD: 刀片尺寸(15x15x2.5mm) x 312pcs

610A: 刀片尺寸(15x15x2.5mm) x 312pcs

610B: 刀片尺寸(15x15x2.5mm) x 300pcs

400B: 刀片尺寸(15x15x2.5mm) x 204pcs



### NO.2 螺旋刀頭(重切削) 選購配備

- 適合較大量切削加工。
- 螺旋刀頭精密加工而成。
- 螺旋刀頭裝置捨棄式碳化鎢刀片。
- 適用全系列機種

635ARD: 刀片尺寸(30x12x1.5mm) x 192pcs

610A: 刀片尺寸(30x12x1.5mm) x 192pcs

610B: 刀片尺寸(30x12x1.5mm) x 180pcs

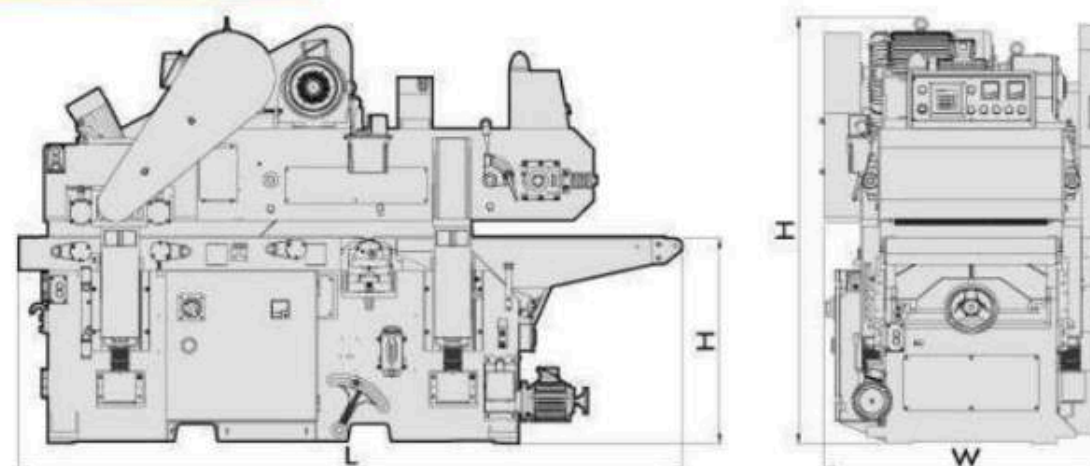
400B: 刀片尺寸(30x12x1.5mm) x 120pcs

## 機械規格

| 機 型           | YL-635ARD        | YL-400B                         | YL-610B                         | YL-610A                            |
|---------------|------------------|---------------------------------|---------------------------------|------------------------------------|
| 最大加工寬度        | 635mm(25")       | 405mm(16")                      | 610mm(24")                      | 610mm(24")                         |
| 最大加工厚度        | 200mm(8")        | 200mm(8")                       | 200mm(8")                       | 200mm(8")                          |
| 最小加工厚度        | 10mm             | 8mm                             | 8mm                             | 10mm                               |
| 最小加工長度        | 310mm            | 250mm                           | 250mm                           | 310mm                              |
| 各軸鉋刀數量        | 156pcs           | 4pcs                            | 4pcs                            | 4pcs                               |
| 鉋刀規格          | TCT 15x15x2.5mm  | 405x3x30mm<br>(16"x1/8"x1-1/8") | 610x3x30mm<br>(24"x1/8"x1-1/8") | 610x6.35x38mm<br>(24"x1/4"x1-1/2") |
| 刀頭直徑          | Ø126mm           | Ø101mm                          | Ø101mm                          | Ø126mm                             |
| 刀軸回轉數         | 5000RPM          | 4000RPM                         | 4000RPM                         | 4000RPM                            |
| 變頻送料回轉速       | 8-24 m/min       | 8-24 m/min                      | 8-24 m/min                      | 8-24 m/min                         |
| 吸塵口徑          | 6"               | 5"                              | 5"                              | 6"                                 |
| 工作台面積         | 27"x103"         | 19"x86"                         | 27"x86"                         | 27"x103"                           |
| 上刀軸馬達         | 20(25HP)         | 10HP                            | 15HP                            | 20(25HP)                           |
| 下刀軸馬達         | 15(20HP)         | 7.5HP                           | 10HP                            | 15(20HP)                           |
| 送料馬達          | 3HP              | 2HP                             | 2HP                             | 3HP                                |
| 上部機座昇降馬達      | 1/2HP            | 1/2HP                           | 1/2HP                           | 1/2HP                              |
| 機械尺寸 (LxWxH)  | 2667x1145x1720mm | 2200x900x1700mm                 | 2200x1100x1720mm                | 2667x1145x1720mm                   |
| 機械重量          | 3000kg           | 1900kg                          | 2500kg                          | 3000kg                             |
| 機械裝箱尺寸(LxWxH) | 2767x1245x1870mm | 2300x950x1850mm                 | 2300x1190x1850mm                | 2767x1245x1870mm                   |
| 機械裝箱重量        | 3500kg           | 2100kg                          | 3000kg                          | 3500kg                             |

\*本目錄僅供參考，若有任何變更，恕不另行通知。

## 機械尺寸圖



### 側面調整工作台

提供任何體型之操作人員，簡易且舒適之設計。



### 數位式厚度自動設定

將預設數據鍵入控制器內，便可執行到所需之正確厚度。



高效率！ 精密！

## Mouldtec 4 / 5 / 6

從嶄新外型到傳統一貫的高品質，MOULDTEC 系列以創造優質四面成型鋸木機為藍圖，從一體成型的獨創外型、極其精準的切削精準度，至人性化的簡易操作介面，再搭配最佳調校的組裝精密度。MOULDTEC 系列不只全面改造及進化，更以全方位技術回應使用者及擁有者的需要。

## YL-230

以 MOULDTEC 系列為基礎，更進一步地提升各方面機能，不只擁有更強勁的切削馬力，可容納更大範圍的加工厚度，在各項配備的搭配上則增加了更多彈性、及多樣化的選擇。

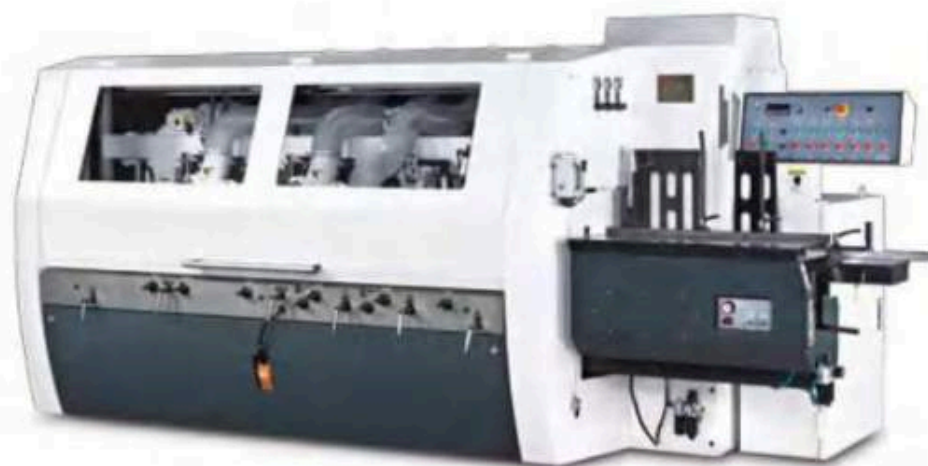
## YLG-230

YLG 系列的出現，是針對於難以處理的木料而設計，除了能夠處理更多種類的木料，對於特殊硬木、潮濕木料、難以加工的彎曲木料，依舊可以送料順暢，將木材卡料的可能性大幅地降低。

# 4-SIDE MOULDER

## Mouldtec 4/5/6 • YL-230 • YLG-230

### 四面成型鋸木機

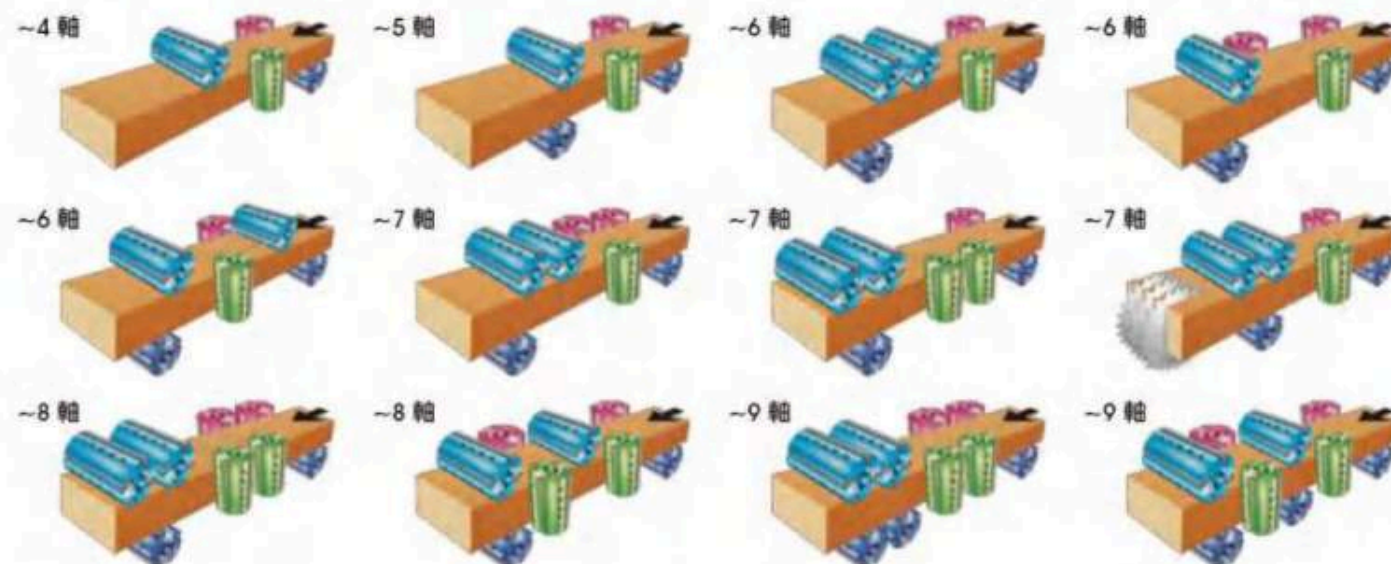


(重型鋸木機)

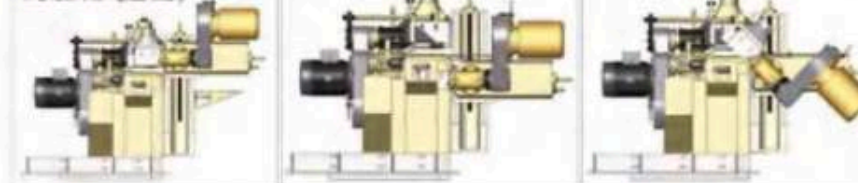


(重型鋸木機)

刀軸示意：其餘刀軸變化，可依客戶需求訂製。



萬能軸 (選配)



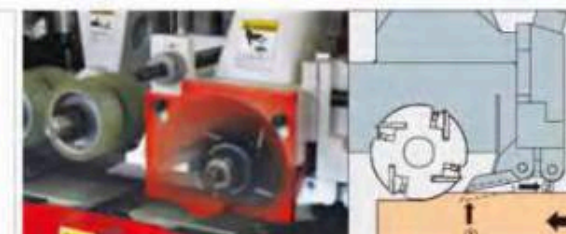
傾斜立軸 ±20° (選配)



上橫刀 下橫刀 右立軸 左立軸



上刀軸前後壓料裝置



上刀軸前後壓料裝置



| 型 號           | Mouldtec/6   | YL-230       | YLG-230      |
|---------------|--------------|--------------|--------------|
| 加工寬度          | 15~230 mm    | 15~230 mm    | 15~230 mm    |
| 加工厚度          | 10~120 mm    | 10~150 mm    | 10~150 mm    |
| 入料台面長度        | 1.6 M        | 2 M          | 1.2 M        |
| 主軸馬力          | 7.5 HP/10 HP | 10 HP/15 HP  | 10 HP/15 HP  |
| 送料馬力          | 5 HP         | 7.5 HP       | 7.5 HP       |
| 送料速度          | 6 ~36 M/min  | 6 ~36 M/min  | 6 ~36 M/min  |
| 主軸直徑          | 40 mm        | 40 mm        | 40 mm        |
| 主軸轉速          | 6,000 RPM    | 6,000 RPM    | 6,000 RPM    |
| 第一下刀軸刀具直徑使用範圍 | 110~160 mm   | 110~160 mm   | 110~160 mm   |
| 立軸刀具直徑使用範圍    | 110~180 mm   | 110~180 mm   | 110~180 mm   |
| 橫軸刀具直徑使用範圍    | 110~180 mm   | 110~180 mm   | 110~180 mm   |
| 進料台面及導板調整範圍   | 10 mm        | 10 mm        | 10 mm        |
| 立式刀頭調整範圍      | 50 mm        | 50 mm        | 50 mm        |
| 水平刀頭調整範圍      | 30 mm        | 30 mm        | 30 mm        |
| 送料輪直徑         | 140 x ø35 mm | 140 x ø35 mm | 140 x ø35 mm |
| 送料鋼輪寬度        | 25 mm        | 25 mm        | 25 mm        |
| 左刀輪對面送料鋼輪寬度   | 20 mm        | 20 mm        | 20 mm        |
| 送料膠輪寬度        | 50 mm        | 50 mm        | 50 mm        |
| 第一下刀輪最大切削量    | 10 mm        | 10 mm        | 10 mm        |
| 第二右刀輪最大切削量    | 10 mm        | 10 mm        | 10 mm        |

※ 工作台面使銘處理。

※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。



變頻送料系統

送料速度經變頻控制，提供所需的送料速度。可依實際加工需求調整送料速度。速度範圍為6~36 米/分。



刀軸

本刀軸由兩對軸承支撐，增加刀軸之穩定及降低迴轉時所產生之振動，另有特殊設計之防護蓋，可防止木屑進入，延長軸承之壽命。



SKG 系列機備有氣壓浮動式工作台面滾輪，確保潮濕木料或硬木可順暢送入機器內，不會在第一下刀輪發生卡料問題。



高效率！精密！

# 4-SIDE MOULDER

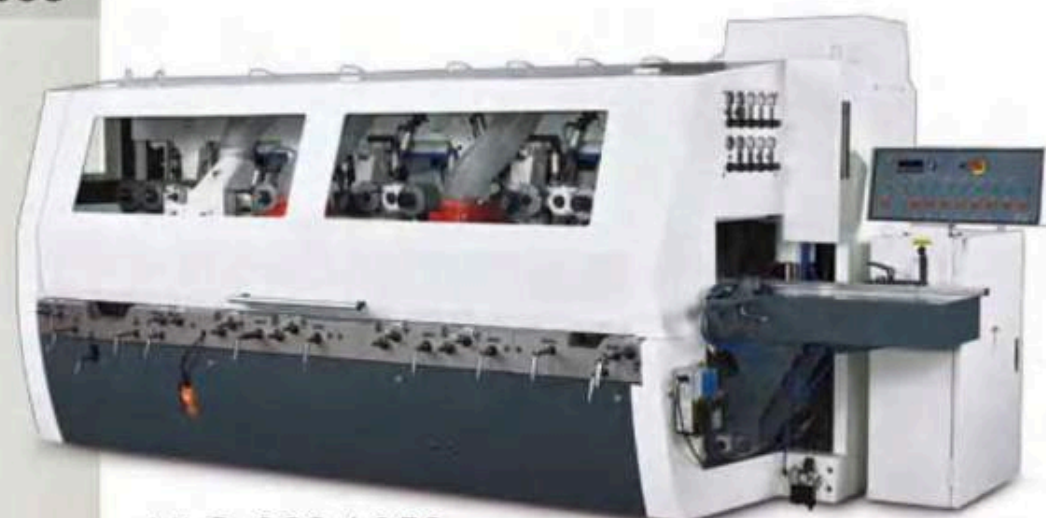
YLG-300 • 350 • 400 • 500

四面成型重型刨木機

YLG series

300 / 350 / 400 / 500

除了擁有原本 YLG 系列的全部優點外，YLG-300 及 350 系列在功能上又有了大幅度的提升，在木料的加工寬度上範圍又更廣泛，可加工更寬板的木料，同時在每支水平刀軸上，安裝了外部軸承裝置，使得木料成品的表面，可以呈現出最光滑的品質。



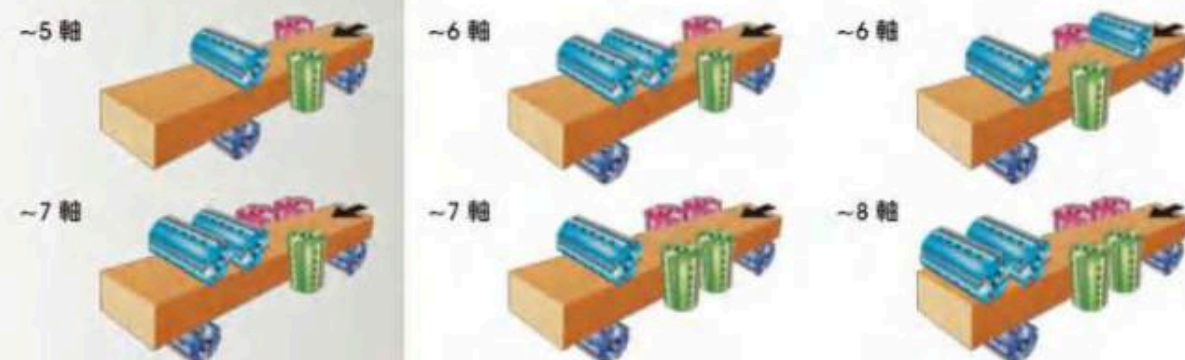
YLG-300 / 350



YLG-500

刀軸示意：

其餘刀軸變化，可依客戶需求訂製。



氣壓式入料台面側壓輪

用氣缸取代彈簧施加壓力，除了能提供更大壓力之外，在調整壓力上有更大的彈性，且不會有彈性疲乏的問題。



水平刀軸外端軸承支撐

水平刀軸具有外部支撐設計，提升加工性能，且成品表面更光滑。



右刀軸對面之氣壓式壓料機構



上刀軸之氣壓式壓料機構



刀軸

本刀軸由兩對軸承支撐，增加刀軸之穩定及降低迴轉時所產生之震動，另有特殊設計之防護蓋，可防止木屑進入，延長軸承之壽命。

| 型 號            | YLG-300                 | YLG-350                 | YLG-400                 | YLG-500                 |
|----------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 加工寬度           | 20~310 mm               | 20~350 mm               | 20~400 mm               | 20~500 mm               |
| 加工厚度           | 10~150 mm<br>(200mm 選購) | 10~150 mm<br>(200mm 選購) | 10~200 mm<br>(250mm 選購) | 10~200 mm<br>(250mm 選購) |
| 進料台面長度 (含硬銘處理) | 1.2 M                   | 1.2 M                   | 1.2 M                   | 1.2 M                   |
| 主軸馬力           | 15 HP & 20 HP           | 15 HP & 20 HP           | 20 HP & 25 HP           | 20 HP & 25 HP           |
| 送料馬力           | 7.5 HP                  | 7.5 HP                  | 10 HP (15 HP 選購)        | 10 HP (15 HP 選購)        |
| 送料速度           | 6 ~36 M/min             | 6 ~36 M/min             | 6 ~36 M/min             | 6 ~36 M/min             |
| 主軸直徑           | 50 mm                   | 50 mm                   | 50 mm                   | 50 mm                   |
| 主軸轉速           | 6,000 RPM               | 6,000 RPM               | 6,000 RPM               | 6,000 RPM               |
| 第一下刀軸刀直徑使用範圍   | 125~180 mm              | 125~180 mm              | 125~180 mm              | 125~180 mm              |
| 立軸刀直徑使用範圍      | 125~180 mm              | 125~180 mm              | 125~180 mm              | 125~180 mm              |
| 橫軸刀直徑使用範圍      | 125~230 mm              | 125~230 mm              | 125~230 mm              | 125~230 mm              |
| 進料台面調整範圍       | 10 mm                   | 10 mm                   | 10 mm                   | 10 mm                   |
| 立式刀頭調整範圍       | 50 mm                   | 50 mm                   | 50 mm                   | 50 mm                   |
| 水平刀頭調整範圍       | 30 mm                   | 30 mm                   | 30 mm                   | 30 mm                   |
| 送料輪直徑          | 140 x ø35 mm            | 140 x ø35 mm            | 200 x ø45 mm            | 200 x ø45 mm            |
| 送料調輪寬度         | 25 mm                   | 25 mm                   | 50 mm                   | 50 mm                   |
| 左刀軸對面送料調輪寬度    | 20 mm                   | 20 mm                   | 20 mm                   | 20 mm                   |
| 送料膠輪寬度         | 50 mm                   | 50 mm                   | 50 mm                   | 50 mm                   |
| 第一下刀軸最大切削量     | 10 mm                   | 10 mm                   | 10 mm                   | 10 mm                   |
| 第二右刀軸最大切削量     | 10 mm                   | 10 mm                   | 10 mm                   | 10 mm                   |

※ 工作台面硬銘處理。

※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。



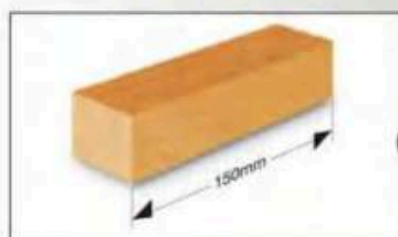
# High Speed Short Wood 4-Side Moulder

YLG-230GH 高速短料加工四面刨



YLG-230GH

為了能更有效率地節省木材成本，YLG-230GH 系列正是為此目的而設計，在一般機器加工過後所剩餘的短木料，也能因為此機型的處理後而再度擁有使用價值，配合高速送料裝置，在減少浪費木材成本的情形下，又能快速地提高產能，是擁有最高效率的機種。



最短加工長度150mm。

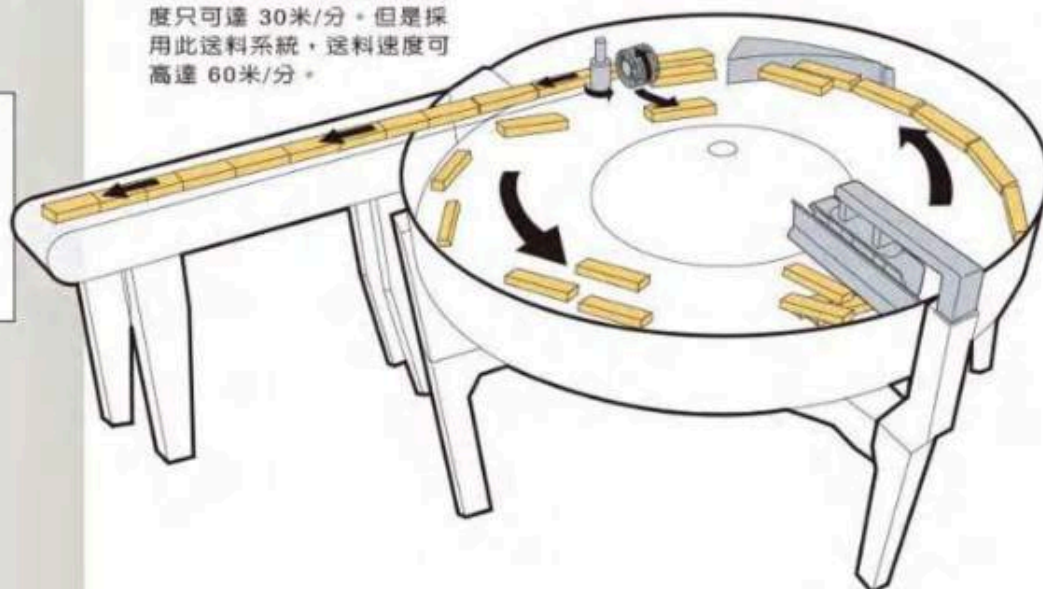
## 離心力式送料系統 (選配)

- 可節省人工送料。
- 降低機械損耗：木料在送料時，由於沒有緊密貼合且連續送料，容易導致機械的損耗。此送料系統可以讓木料在送料行進時沒有間隙。
- 大幅提升效率：手動送料速度只可達 30米/分。但是採用此送料系統，送料速度可高達 60米/分。

### 離心力式送料系統

AT11

|        |                         |
|--------|-------------------------|
| 木料長度   | 150-450 mm<br>(以上長度可訂製) |
| 最大木料寬度 | 20-100 mm               |
| 最大木料厚度 | 20-100 mm               |
| 圓面徑    | 2.1 M                   |
| 送料馬達   | 3 HP                    |
| 馬達     | 1/2 HP x 3              |
| 送料速度   | 10-60 M/min             |



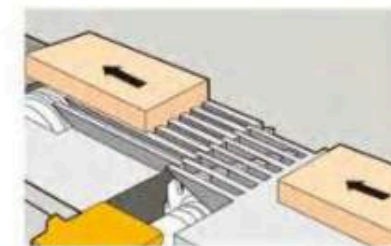
### 型號

YLG-230GH

|                |                  |
|----------------|------------------|
| 加工寬度           | 35~230 mm        |
| 加工厚度           | 10~120 mm        |
| 最短加工長度         | 150 mm           |
| 進料台面長度 (含硬銘處理) | 1.2 M            |
| 主軸馬力           | 10 HP & 15 HP    |
| 送料馬力           | 7.5 HP           |
| 送料速度           | 10~60 M/min      |
| 主軸直徑           | 40 mm (50 mm 選購) |
| 主軸轉速           | 7,200 RPM        |
| 第一下刀軸刀具直徑使用範圍  | 125~160 mm       |
| 立軸刀具直徑使用範圍     | 125~180 mm       |
| 橫軸刀具直徑使用範圍     | 125~180 mm       |
| 進料台面調整範圍       | 10 mm            |
| 立式刀頭調整範圍       | 50 mm            |
| 水平刀頭調整範圍       | 30 mm            |
| 送料輪直徑          | 140 x φ35 mm     |
| 送料鋼輪寬度         | 25 mm            |
| 左刀軸對面送料鋼輪寬度    | 20 mm            |
| 送料膠輪寬度         | 50 mm            |
| 第一下刀軸最大切削量     | 10 mm            |
| 第二右刀軸最大切削量     | 10 mm            |

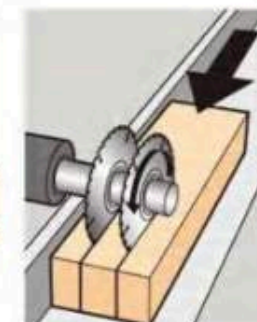
- 工作台面硬銘處理。
  - 上刀軸之氣壓式壓料機構。
  - 左刀軸對面之氣壓式壓料機構。
  - 溝槽台面。
  - 附短料自動送料裝置。
  - 附皮帶式送料機。
- ※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。

www.routmac.com



溝槽導板台面

此溝槽導板台面，適合加工短料或扭曲木料。



多片鋸 (選購)

多片鋸只適合使用在6軸機種，多片鋸安裝在第5上刀軸。



短料自動送料裝置



皮帶式送料機

- 送料速度10~80米/分。
- 加工寬度35~150mm。
- 送料速度無段變速，採變頻器控制。送料速度顯示。
- 操作簡易。加工寬度調整容易。



左立軸採氣壓式壓料。  
送料輪間距縮短。

## 刀軸示意：

其餘刀軸變化，可依客戶需求訂製。

~5 軸



~6 軸



~6 軸



上橫刀 下橫刀 右立軸 左立軸





# Multiple Spindle Vertical Slicer Machine

YLG-230S Series

多軸橫鋸剖片機

YLG-230S

此YLG-230S系列的設計，結合了傳統四面刨木機又擁有剖片機的功能，可以節省寶貴的時間外，又大大地提升產能，適合複合式地板、百葉窗、窗簾、氣窗...等，是木材橫切剖片的專用機型。

## 電動式出料垂直滾輪（選配）

此滾輪安裝在出料台面，使剖片後之成品送料更順暢。

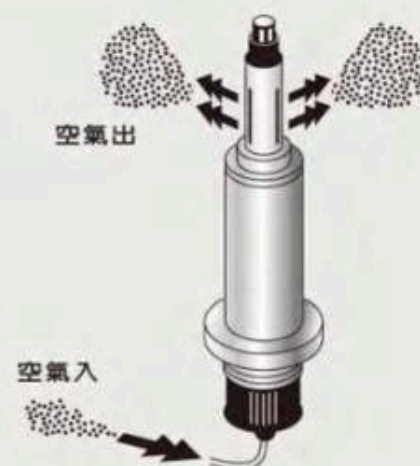


## 鋸片清潔裝置

此裝置附有清潔溶劑儲存桶，溶劑隨外部送風一起噴向鋸片，可清除附著在鋸片上之木屑，以降低鋸片之溫昇。此外，並具有時間設定功能。

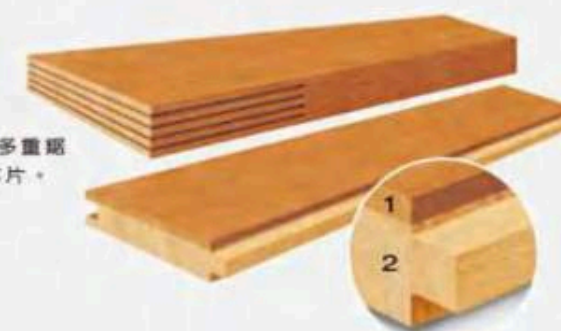
## 鋸片冷卻系統

氣冷式鋸片冷卻系統，可降低鋸片裁切時的溫度。同時具有軸心送風冷卻鋸片與外部送風冷卻鋸片，冷卻效果卓越。除了可延長鋸片壽命，並且確保裁切精度。



## 多片剖切

本機之2支剖片軸可安裝多重鋸片，可以一次剖出多片木片。



## 剖鋸片（開路鋸）

本機加裝剖鋸片，適合木料之剖片，可避免木料之碎裂毛病。並可提高剖切速度。



## 型號

## YLG-230S

|         |                         |
|---------|-------------------------|
| 最大加工寬度  | 60~180 mm               |
| 工件完成厚度  | 2~20 mm                 |
| 工件最多出片數 | 每次 5 片                  |
| 刀軸馬力    | 7.5 HP~10 HP            |
| 剖片鋸馬力   | 10 HP (15 HP 選購)        |
| 送料馬力    | 20 HP (30 HP, 40 HP 選購) |
| 送料速度    | 5 HP                    |
| 刀軸轉速    | 4~24 M/min              |
| 剖鋸片軸轉速  | 6,000 RPM               |
| 進料台面長度  | 3,600 RPM               |
| 剖片軸轉速   | 1.2 M                   |

- 變頻無段變速，送料速度顯示。
- 刀軸軸承集中打油潤滑。
- 剖片軸用時規皮帶傳動，不易打滑。
- 壓式壓料座確保剖片時之最佳穩定性。
- 同時具有軸心送風冷卻鋸片與外部送風冷卻鋸片，鋸片冷卻效果卓越。
- 工作台面硬銘處理。

※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。

## 刀軸示意：

其餘刀軸變化，可依客戶需求訂製。





# High Speed 4-Side Moulder For Parquet

YLG-230H Series

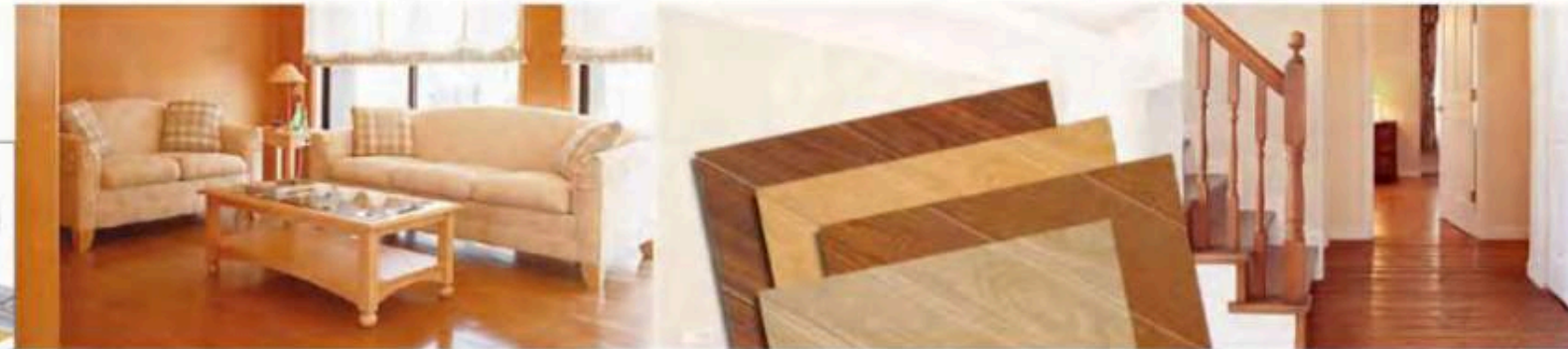
高速地板加工四面刨

針對實木地板以及複合式地板，YLG-230H 具有優異的送料系統。前段送料機為堆疊送料用，後段緩衝式送料機是為了讓木料在進行時沒有間隙，以緊密貼合的方式進入機台加工，以達到最佳精確度。此外，高速的送料速度，讓生產效能可以大大的提升，在質與量之間，二者兼顧。



雙工作台板 (選配)

上台板具有溝槽，可减少地板與工作台面之摩擦。除了可延長工作台之使用壽命，而且工作台板磨損時，更換容易。



第一下刀軸桌面，可選購雙修邊桌面來設定寬度，亦可當一般下刀軸使用。

## 型號 YLG-230H

|                 |                          |
|-----------------|--------------------------|
| 加工寬度            | 10~230 mm                |
| 加工厚度            | 10~120 mm                |
| 進料台面長度          | 1.2 M                    |
| 主軸馬力            | 10 HP & 15 HP            |
| 送料馬力            | 7.5 HP                   |
| 送料速度            | 10~60 M/min              |
| 主軸直徑            | 40 mm (50 mm 選購)         |
| 第一下水平軸轉速 (附正逆轉) | 6,000 RPM                |
| 立軸轉速            | 7,200 RPM (8,000 RPM 選購) |
| 上水平刀軸轉速         | 7,200 RPM (8,000 RPM 選購) |
| 第一下刀軸刀直徑使用範圍    | 110~160 mm               |
| 立軸刀直徑使用範圍       | 110~180 mm               |
| 橫軸刀直徑使用範圍       | 110~180 mm               |
| 進料台面調整範圍        | 10 mm                    |
| 立式刀頭調整範圍        | 50 mm                    |
| 水平刀頭調整範圍        | 30 mm                    |
| 送料輪直徑           | 140 x ø35 mm             |
| 送料鋼輪寬度          | 25 mm                    |
| 左刀軸對面送料鋼輪寬度     | 20 mm                    |
| 送料膠輪寬度          | 50 mm                    |
| 第一下刀軸最大切削量      | 10 mm                    |
| 第二右刀軸最大切削量      | 10 mm                    |

- 附前段式送料機。
  - 附緩衝式送料機。
  - 立軸部份附雙重氣缸壓料輪。
  - 工作台面硬銘處理。
- ※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。

## 刀軸示意：

其餘刀軸變化，可依客戶需求訂製。

~5 軸



~6 軸



~6 軸



~7 軸



~7 軸



~7 軸



- 上橫刀
- 下橫刀
- 右立軸
- 左立軸

## 真空地板送料機

單段地板送料機特性：

- 地板輸送及中央位置壓料。
- 地板可連續送入機器。地板間無空隙。
- 真空吸引裝置可使木料貼合送料皮帶，減少送料皮帶磨損。

## 真空地板送料機

AT07

|          |             |
|----------|-------------|
| 送料馬達     | 2 HP (變頻控制) |
| 送料速度     | 10-80 M/min |
| 長度       | 3500 mm     |
| 附有真空吸引裝置 |             |





# HMI High Speed 4 Side Moulder

YLG-230JH with AT12+AT23

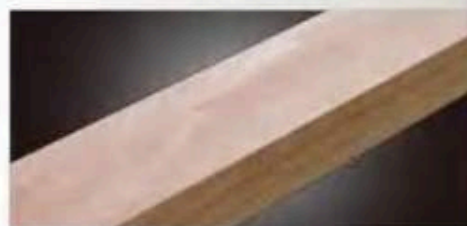
電腦高速四面刨 + 橫式鏈條送料機  
+ 後出料輸送機



森科新一代機種，電腦高速四面刨，主要用於建築材、壁板、指接料...各式長木料加工，搭配線上磨刀設備以及橫式鏈條送料機，讓成品不單只是擁有光潔的表面，而在加工的效率上更是能大大提升。



沒有裝置線上磨刀設備，木料加工面有明顯刀痕。



裝置線上磨刀設備，加工速度在80米/分以下，加工面不會有刀痕產生。

刀軸示意：

其餘刀軸變化，可依客戶需求訂製。



~5 軸



~6 軸



~6 軸



~6 軸



~7 軸



~7 軸



~8 軸



~8 軸



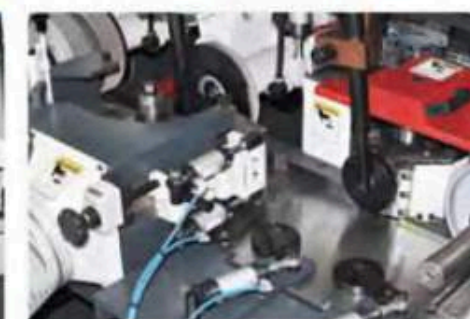
~9 軸



~9 軸



更強化的第一上方送料輪，內置特殊裝置可使送料不卡料，搭配下方氣壓式工作台面滾輪，則確保送料更為順暢。



線上磨刀設備

線上磨刀設備可以延長刀具的使用時間，並使加工表面無刀痕，呈現完美的加工表面。



## 移動式觸控面板(選配)

- 採用10.4吋高解析度觸控螢幕。
- 可記憶多組生產機組。
- 輸入刀頭外徑後，電腦自動校刀，縮短校刀時間。
- 遠端監控 (機械故障遠端排除，生產機組遠端集中管理)。
- 使用精密螺桿，搭配譯碼器可使精度大大提升。
- 刀軸定位後，油壓固定以確保定位精度。
- 機械故障顯示，加速故障排除。



## 送料機

|        | AT12            | AT23            |
|--------|-----------------|-----------------|
| 送料寬度   | 20~230 mm       | 20~230 mm       |
| 送料高度   | 10~150 mm       | 10~150 mm       |
| 工作長度   | 1,000~5,000 mm  | 1,500~可訂製 mm    |
| 待料區    | 2 M (可依木料尺寸做調整) | 2 M (可依木料尺寸做調整) |
| 送料馬力   | 7.5 HP          | 3 HP            |
| 送料速度   | 10~120 M/min    | 30~140 M/min    |
| 送料輪直徑  | φ200 mm         | φ132 mm         |
| 鏈條傳動馬力 | 3 HP            | 3 HP            |

## 型號

|                |                        |
|----------------|------------------------|
| 加工寬度           | 30~230 mm              |
| 加工厚度           | 10~150 mm              |
| 進料台面長度 (含硬銘處理) | 1.2 M                  |
| 主軸馬力           | 20 HP/25 HP (30 HP 選購) |
| 送料馬力           | 20 HP/25 HP            |
| 送料速度           | 10~120 M/min           |
| 主軸直徑           | 40 mm (50 mm 選購)       |
| 主軸轉速           | 6,000 RPM              |
| 第一下刀軸刀具直徑使用範圍  | 125~180 mm             |
| 立軸刀具直徑使用範圍     | 150~200 mm             |
| 橫軸刀具直徑使用範圍     | 150~230 mm             |
| 進料台面調整範圍       | 10 mm                  |
| 立式刀頭調整範圍       | 50 mm                  |
| 水平刀頭調整範圍       | 30 mm                  |
| 送料輪直徑          | 200 x φ45 mm           |
| 送料調輪寬度         | 50 mm                  |
| 左刀軸對面送料調輪寬度    | 20 mm (可加寬)            |
| 送料調輪寬度         | 50 mm                  |
| 第一下刀軸最大切削量     | 10 mm                  |

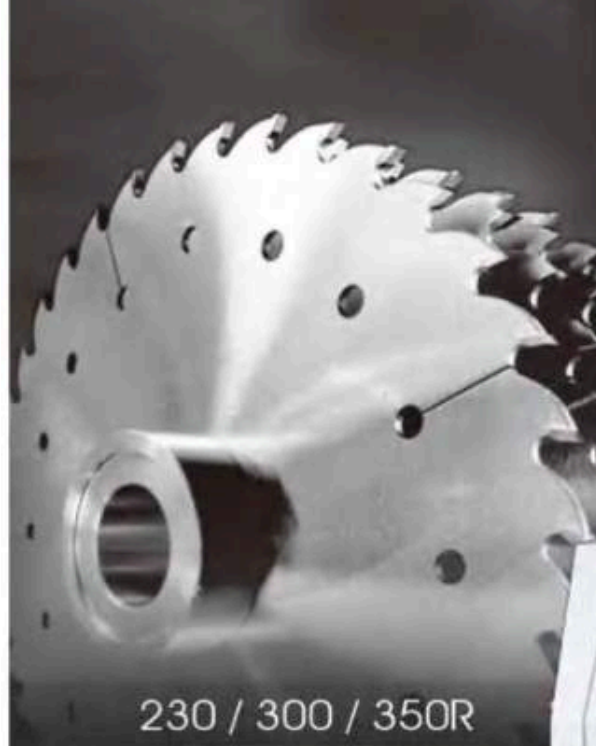
## YLG-230JH

• 線上磨刀設備。 • 水平刀軸外端軸承支撐。

• 工作台面硬銘處理。

※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。





# Top And Bottom Planer With Multiple Rip Saw

YLG-230R • 300R • 350R

上下刨兼多片鋸



230 / 300 / 350R

此機型的訴求在於融合了雙面刨木機以及多片鋸的功能，減少了產品製作程序，讓操作者更方便去使用，並且能更快速完成產品的製作，在節省時間以及減少人力成本上，提供了最好的選擇。



以強力的上壓板施加壓力，讓工作物件穩定。四組送料鋼輪以及二組桌面帶動輪，提供了強力的送料力量，讓物件在剖鋸時送料更順暢，並且在剖鋸軸內側，安裝可以修邊的鋸片，將木料不平整的內側修齊，讓每隻木料所剖鋸出來的成品，寬度及厚度皆一致。剖鋸軸以外端軸承支撐，使剖鋸軸更穩定運轉，成品尺寸更準確。

## 型號

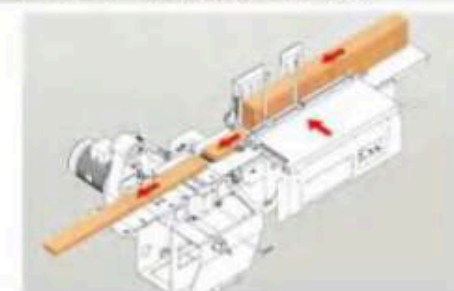
YLG-230R YLG-300R YLG-350R

|               |              |              |              |
|---------------|--------------|--------------|--------------|
| 加工寬度          | 230 mm       | 300 mm       | 350 mm       |
| 最大刨鋸厚度        | 75 mm        | 75 mm        | 75 mm        |
| 進料台面長度        | 1.2 M        | 1.2 M        | 1.2 M        |
| 第一下刀軸主軸馬力     | 10 HP        | 15 HP        | 15 HP        |
| 第一上刀軸主軸馬力     | 15 HP        | 15 HP        | 20 HP        |
| 鋸軸馬力          | 30 HP        | 40 HP        | 40 HP        |
| 送料馬力          | 5 HP         | 7.5 HP       | 7.5 HP       |
| 升降馬力          | 1 HP         | 1 HP         | 1 HP         |
| 送料速度          | 6~36 M/min   | 6~36 M/min   | 6~36 M/min   |
| 主軸直徑          | 50 mm        | 50 mm        | 50 mm        |
| 剖片軸直徑         | 50 mm        | 50 mm        | 50 mm        |
| 第一下水平刀軸轉速     | 6,000 RPM    | 6,000 RPM    | 6,000 RPM    |
| 第一上水平刀軸轉速     | 6,000 RPM    | 6,000 RPM    | 6,000 RPM    |
| 鋸軸轉速          | 3,200 RPM    | 3,200 RPM    | 3,200 RPM    |
| 鋸軸鏈槽寬度        | 10 mm x 2    | 10 mm x 2    | 10 mm x 2    |
| 第一下刀軸刀具直徑使用範圍 | 125~160 mm   | 125~160 mm   | 125~160 mm   |
| 第一上刀軸刀具直徑使用範圍 | 125~180 mm   | 125~180 mm   | 125~182 mm   |
| 鋸片最大直徑        | φ305 mm      | φ305 mm      | φ305 mm      |
| 進料台面調整範圍      | 10 mm        | 10 mm        | 10 mm        |
| 水平刀頭調整範圍      | 30 mm        | 10 mm        | 10 mm        |
| 送料鋼輪直徑        | 140 x φ35 mm | 140 x φ35 mm | 140 x φ35 mm |
| 進料鋼輪寬度        | 25 mm        | 25 mm        | 25 mm        |
| 出料鋼輪寬度        | 50 mm        | 50 mm        | 50 mm        |
| 第一下刀軸最大切屑量    | 10 mm        | 10 mm        | 10 mm        |

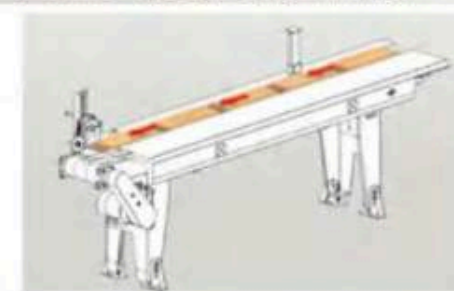
- 工作台面硬絡處理。
- 水平刀軸外端軸承支撐。
- 防反彈裝置。
- 上下軸氣壓式壓料裝置。
- ※ 本公司保留機械規格、設計特性變更之權利，恕不另行通知。

## 送料裝置

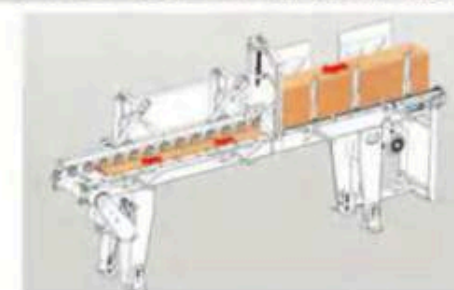
AT01 自動送料機



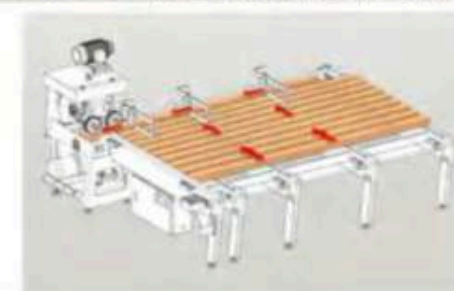
AT05 緩衝式送料機



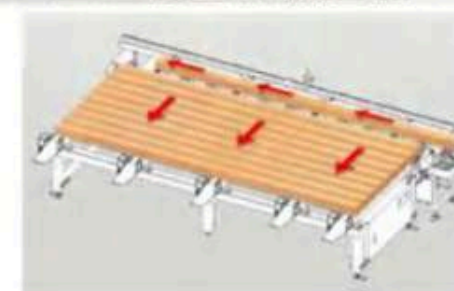
AT07 真空地板送料機



AT12 橫式鏈條式送料機



AT23 後出料輸送機



[www.routmac.com](http://www.routmac.com)





# 電腦化觸控控制系統

電腦控制自動刀軸定位

www.routmac.com

快速！方便！精準！



PLC控制搭配人機界面觸控螢幕，  
展現簡易的操控特性

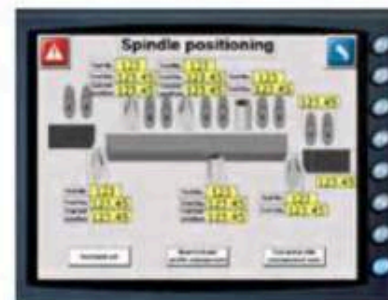
- 10.4" 高解析觸控螢幕。
- 電腦化自動刀具校正，大幅縮短校刀時間。
- 刀軸定位精度：0.01 mm。
- 200組刀具資料顯示。
- 50 組生產模組記憶能力。
- 遠端監控功能：遠端機器故障排除服務及遠端生產模組管理（選配）。
- 異常訊息顯示，使故障排除更方便。
- 也適用於少量多樣之生產模式。
- 刀軸配置可依客戶需求製作。



主畫面

主畫面提供3種操作模式：

- 進入刀軸定位畫面。
- 進入生產模式畫面。
- 工作燈ON/OFF控制。



刀軸定位畫面

操作者可利用此畫面選擇欲調整之刀軸。



刀軸及入料台面定位畫面

- 此畫面提供操作者設定刀軸位置。
- 刀軸定位精度：0.01 mm。
- 如果所輸入的位置數值大於所允許的極限值，電腦會自動將數值更改為所允許的最大值。



刀軸資料顯示畫面

- 此畫面為刀具資料庫。
- 總共可顯示200組刀具資料。



模組儲存畫面

- 操作者可經由此畫面儲存為刀具資料及成品尺寸。



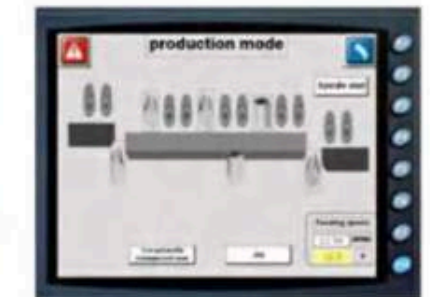
模組讀取畫面

- 此畫面可顯示50組刀具資料及成品尺寸。



全部刀軸定位畫面

- 操作者可利用此畫面，同時將所有主軸定位。



生產模式畫面

- 此畫面可提供長度計算功能，使操作者可知道目前之產量。
- 送料速度也可在此畫面設定。



寸動定位畫面

- 寸動定位畫面，提供每支刀軸及上壓料軸之寸動定位調整。



異常訊息顯示畫面

- 機器操作中，如果發生任何異常動作或故障狀況，螢幕上就會自動顯示異常訊息。
- 進入生產模式畫面。異常訊息顯示畫面，使操作者可瞭解機器異常原因，以方便故障排除。



異常訊息沿革畫面

- 此畫面可記錄曾經發生過的異常情況及故障排除次數。
- 異常訊息記錄可達50組。



# A Brand You Can Rely On... A Machine You Can Trust...

信賴的品牌、信賴的機械

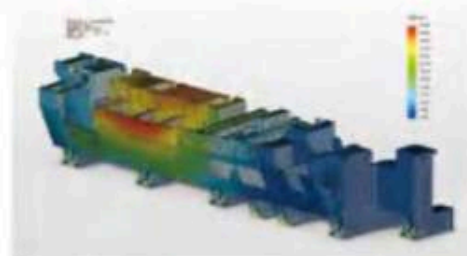


森科廣泛系列的四面鉋木機，將任何複雜曲型工件精密、快速的加工成型。每一部森科四面鉋木機，都歷經嚴格的製造、測試，以確保長年操作性能的信賴度。我們矢志為您提供高品質、結構穩定性佳及優異精度之機械，創造高附加價值的生產。秉持顯赫的成型技術背景，我們將幫您達成高產能、低加工成本的競爭優勢。



## 6-機座

由高鋼性鋼材所組成，結構紮實，精準的平面加工，確保機械之準確與壽命。



機械結構變形分析、規矩共構解析，使得整體機座在轉運時更穩定，維持加工高品質。



## 1-氣壓調整面板

氣壓調整面板置於機械的前方，易於調整。



## 2-短料輔助輪

縮短2個送料輪間之距離，確實壓緊木料，不致於使木料彈跳而損傷加工品質。並可加工短料。可快速舉起方便立軸更換刀具。



## 3-送料系統

本機之送料系統採用減速機驅動，配合萬向輪傳動，送料極順暢。



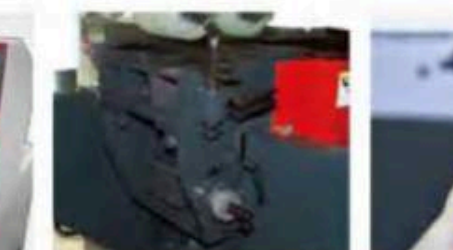
## 4-變頻送料系統

送料速度經變頻控制，提供所需的送料速度。可依實際加工需求調整送料速度。速度範圍為6-36米/分。



## 5-機械操控按鈕

本機將所有按鈕都集中在一起，每個按鈕皆有清楚之標示，操作十分容易。



## 7-後出料桌面升降裝置

此裝置可使最後下刀軸準確及輕易調整到想要之切削量。(Mouldtec, SKU系列除外)



## 8-移動式寸動控制器

此寸動控制器，使操作者可在機器週圍寸動操控機器，方便試機作業。



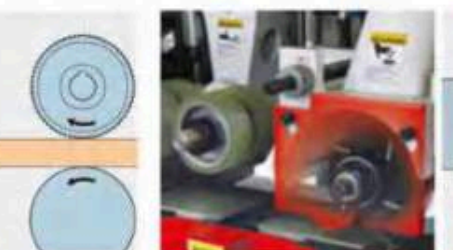
## 9-位置數字顯示器

當操作人員在調機時，本數字表可幫助刀軸迅速及準確地調整至想要的位置。



## 10-桌面帶動輪

此裝置能確實且平順地將木料送入機械，即使是溼度高或是硬度高的木材。此裝置另一功能是降低工作台面之磨損。



## 11-上刀軸前後壓板

可分別調整壓力，即使木料厚度變化大，也能穩固將木料壓於工作桌面。



## 12-半圓形嵌入塊

此零件可依刀具直徑大小調整。且於加工中可提供工件支撐，確保加工精度。



## 13-入料台面驅動輪

此裝置能確實平順地將木料送入機械，即使是溼度高或是硬度高的木材。



## 14-前進料台面側壓輪

在木料進入台面之前，由外側將木料向內推擠，使木料可以緊貼住內側導板，而進行準確的加工程序。



# Optional~ 選配

融合品質、服務、經驗及先進的技術，森科四面刨木機，  
將徹底滿足您的嚴格性能標準。

森科一個為您解決成型加工問題的信賴伙伴。



## 安全罩

加強工作人員在操作機械之安全  
性，並可降低工作環境之噪音。



高轉速主軸 (8000 RPM)



## 數控刀軸移動裝置

針對於配備大馬力的刀軸，在調校時移動  
的費力，加裝此裝置可以使刀軸更快速地  
移動，增加使用者調校的方便。



## 氣壓式輔助壓料輪

本機可於立刀軸前面加裝  
輔助壓料輪，以提升加工  
之穩定性。

捨棄一般所使用的彈簧式  
壓料，本機選用氣壓缸式  
壓料。



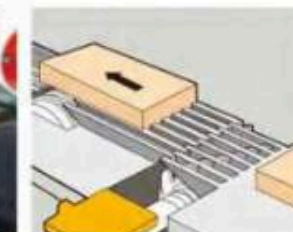
## 多片鋸 (加大鋸輪馬力：20HP, 30HP, 40HP)

本機可結合多片鋸之功能，可精確地剖切指定厚度的  
木材，可工作最高高度為 50 mm，可裝鋸片最大直徑  
為 255 mm。



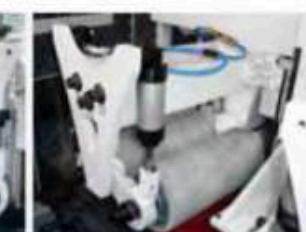
## 溝槽台面

此台面可提供短木料，翹曲木料，或不平整木料之順  
暢送料效果，使其緊靠側導板，達到準確鉋削。



## 雙向氣缸送料壓輪 (含外部軸承支撐)

針對工作寬度 400 mm 以上，讓送料可以更安定且提供更  
平均的雙向送料壓力，不論是鉋、鋸功能皆適用。



## 電動注油器

有別於一般傳統手拉式注油  
器，此注油器可以設定注油  
次數以及注油量，並且可以  
設定注油的週期，提供了保  
養機械及操作的便利性。



## 上刀軸之氣壓式壓料機構

用氣缸取代彈簧施加壓力，除  
了能提供更大壓力之外，在調整壓  
力上有更大的彈性，且不會有彈  
性疲乏問題，更適合用於高速送  
料的情形。



## 右刀軸對面之氣壓式壓料機構

用氣缸取代彈簧施加壓力，除  
了能提供更大壓力之外，在調整壓  
力上有更大的彈性，且不會有彈  
性疲乏問題，更適合用於高速送  
料的情形。



## 伸縮式送料輪

左刀軸對面之送料輪，可依工件寬  
度調整，適合地板及相框生產。



## 防反彈裝置

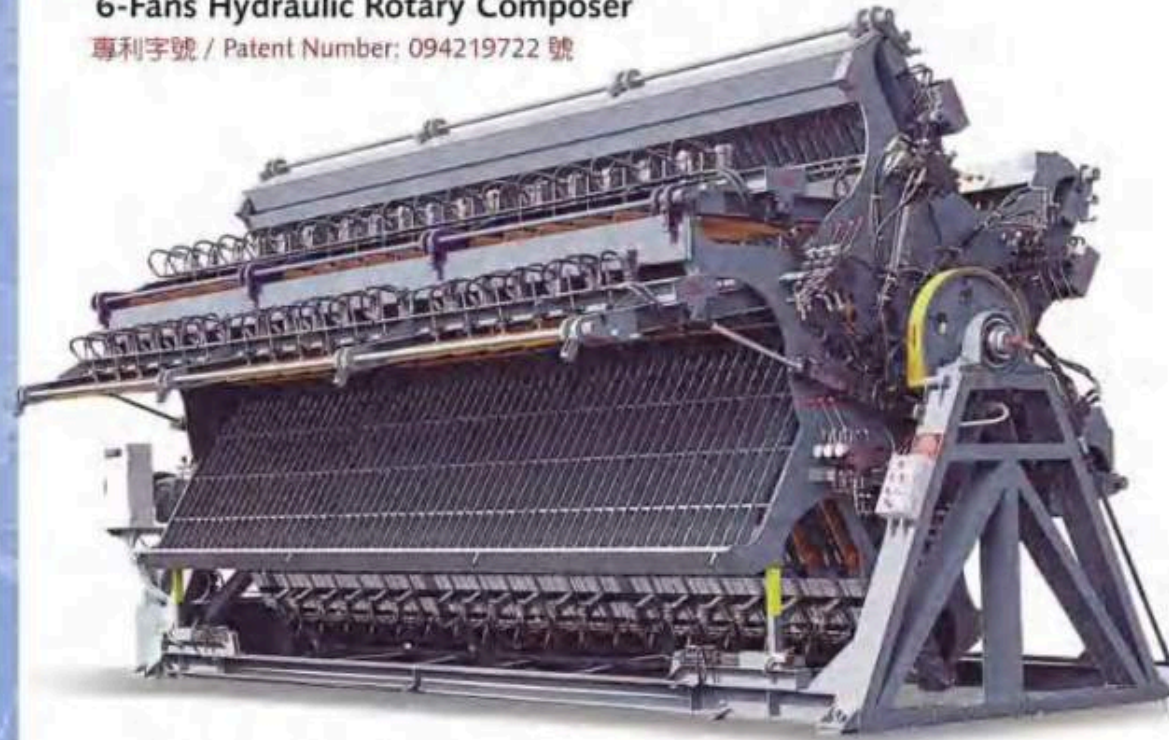
此設備的功能在於保護操  
作者的安全，尤其在進行  
刨削木料時，常常會因為  
木料的不規則形狀，以及  
彎曲的角度過大，而造成  
無法將木料完全平整地壓  
平於台面上，此時木料不  
規則的部份容易被鋸片擊  
飛至送料的方向，此時，  
防反彈裝置就能及時地保  
護操作者，將擊飛出來的  
木料擋住。



# R6-6200-1300-150-D

## 六面旋轉式油壓拼板機 6-Fans Hydraulic Rotary Composer

專利字號 / Patent Number: 094219722 號



### 機械特點:

此機械是特別針對實木拼板、集成材拼板所設計。

適用於大面積與平直的本料拼板，例如：傢俱、門窗、櫥櫃、桌板、床柱、木樑、地板材與建材...等。

### Machine features:

This machine is specially designed for solid wood laminating and particle board laminating. It's suitable for produce large and flat panels, such as: furniture, doors, windows, cabinet, table top, bed pillars, beams, floorboards and constructional material...etc.

### 型號簡介 / Model:



- \* D: 配上壓油壓缸 With surface press hydraulic cylinder
- M: 可拆卸式 Dismantle type
- H: 重型 (最大加工厚度150~250mm) Heavy duty type (Max. Working Thickness 150~250mm)
- A: A字型雙面展開 A type composer
- S: 雙面滑動型 A type slide composer
- V: 單面立式 Single section vertical type
- L: 單面臥式 Single section horizontal type

| 型號 Model                 | R6                                                     | R6                                                    | R6                                                    | R6                                                   |
|--------------------------|--------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|
| 類型 Type                  | 6200-1300-150-D                                        | 5200-1300-150-D                                       | DR6-4600-1300-150-D/M                                 | R6-4600-1300-150-M                                   |
| 工作尺寸 Working Size: LxWxT | 6200x1300x10~150mm                                     | 5200x1300x10~150mm                                    | 4600x1300x10~150mm                                    | 4600x1300x10~150mm                                   |
| 主側壓 Main Side Press      | 800x80mm <sup>2</sup><br>1 section 18pcs total 108pcs  | 800x80mm <sup>2</sup><br>1 section 16pcs total 96pcs  | 800x80mm <sup>2</sup><br>1 section 13pcs total 78pcs  | 800x80mm <sup>2</sup><br>1 section 13pcs total 78pcs |
| 上壓 Surface Press         | 400x150mm <sup>2</sup><br>1 section 18pcs total 108pcs | 400x150mm <sup>2</sup><br>1 section 16pcs total 96pcs | 400x150mm <sup>2</sup><br>1 section 13pcs total 78pcs |                                                      |
| 側壓 Side Lift             | 630x530mm <sup>2</sup><br>1 section 2pcs total 12pcs   | 630x530mm <sup>2</sup><br>1 section 2pcs total 12pcs  | 630x530mm <sup>2</sup><br>1 section 2pcs total 12pcs  | 630x280mm <sup>2</sup><br>1 section 2pcs total 12pcs |
| 壓力 Pressure              | 140 kg/cm <sup>2</sup>                                 | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                               |
| 驅動馬力 Drive Motor         | 3 HP 6 P                                               | 3 HP 6 P                                              | 3 HP 6 P                                              | 3 HP 6 P                                             |
| 油壓幫浦 Hydraulic Pump      | 15 HP                                                  | 15 HP                                                 | 10 HP                                                 | 10 HP                                                |
| 機械尺寸 Machine Size        | 7800x3550x3750mm                                       | 7100x3550x3750mm                                      | 6100x3550x3750mm                                      | 6100x3550x3750mm                                     |
| 包裝尺寸 Packing Size        | 8150x2250x2550mm                                       | 7450x2250x2550mm                                      | 6500x2250x2550mm                                      | 6500x2250x2550mm                                     |
| 淨重/毛重 N.W. / G.W.        | 25,000 / 27,000Kgs                                     | 21,000 / 22,500Kgs                                    | 19,000 / 20,000Kgs                                    | 18,000 / 19,000Kgs                                   |

● 經濟型機型: 主側壓油壓缸的數量較少，適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder will less, it's suitable for produce soft wood.

● 產品規格若有變動時恕不另行通知，目錄之圖表說明不具法律效力。  
The specification of our products are subject to change without notice in advice. Catalogue diagrams and instructions have no contractual basis.

專業製造，專為客戶要求設計製作。

Special specification can be designed and manufactured upon request.

# R6-2500-1300-150-D/M

## 六面旋轉式油壓拼板機 6-Fans Hydraulic Rotary Composer



- R6為有6個工作面並配合主側壓、上壓與側壓油壓缸之機型。
- 整體機械結構堅固耐用。
- 採用正品質油壓零組件，保證動作穩定，使用壽命長。
- 簡易操作、維護容易、最低故障率。

◎ 專利工作檯面可拆式設計，突破傳統改以貨櫃運輸出貨，可大幅省下運輸成本。



| R6                                                    | R6                                                   | R6                                                    | R6                                                   | R6                                                   | R6                                                   |
|-------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 3100-1300-150-D/M                                     | 3100-1300-150-M                                      | 3100-1300-250-M/H                                     | 2500-1300-150-D/M                                    | 2500-1300-150-M                                      | 2500-1300-250-M/H                                    |
| 3100x1300x10~150mm                                    | 3100x1300x10~150mm                                   | 3100x1300x10~250mm                                    | 2500x1300x10~150mm                                   | 2500x1300x10~150mm                                   | 2500x1300x10~250mm                                   |
| 800x80mm <sup>2</sup><br>1 section 10pcs total 60pcs  | 800x80mm <sup>2</sup><br>1 section 10pcs total 60pcs | 1000x80mm <sup>2</sup><br>1 section 10pcs total 60pcs | 800x80mm <sup>2</sup><br>1 section 8pcs total 48pcs  | 800x80mm <sup>2</sup><br>1 section 8pcs total 48pcs  | 1000x80mm <sup>2</sup><br>1 section 8pcs total 48pcs |
| 400x150mm <sup>2</sup><br>1 section 10pcs total 60pcs |                                                      |                                                       | 400x150mm <sup>2</sup><br>1 section 8pcs total 48pcs |                                                      |                                                      |
| 630x530mm <sup>2</sup><br>1 section 2pcs total 12pcs  | 630x280mm <sup>2</sup><br>1 section 2pcs total 12pcs | 630x280mm <sup>2</sup><br>1 section 2pcs total 12pcs  | 630x530mm <sup>2</sup><br>1 section 2pcs total 12pcs | 630x280mm <sup>2</sup><br>1 section 2pcs total 12pcs | 630x280mm <sup>2</sup><br>1 section 2pcs total 12pcs |
| 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                               | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                               | 140 kg/cm <sup>2</sup>                               | 140 kg/cm <sup>2</sup>                               |
| 3 HP 6 P                                              | 3 HP 6 P                                             | 3 HP 6 P                                              | 2 HP 6 P                                             | 2 HP 6 P                                             | 2 HP 6 P                                             |
| 10 HP                                                 | 10 HP                                                | 10 HP                                                 | 7 1/2 HP                                             | 7 1/2 HP                                             | 7 1/2 HP                                             |
| 4600x3550x3750mm                                      | 4600x3550x3750mm                                     | 4600x3850x3950mm                                      | 4200x3350x3750mm                                     | 3900x3000x2500mm                                     | 4200x3350x3750mm                                     |
| 5100x2250x2550mm                                      | 5100x2250x2550mm                                     | 5100x2250x2550mm                                      | 4950x2250x2550mm                                     | 4950x2250x2550mm                                     | 4950x2250x2550mm                                     |
| 12,500 / 13,500Kgs                                    | 11,500 / 12,500Kgs                                   | 13,000 / 14,000Kgs                                    | 7,500 / 8,500Kgs                                     | 6,500 / 7,900Kgs                                     | 9,000 / 10,000Kgs                                    |

● 經濟型機型: 主側壓油壓缸的數量較少，適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder will less, it's suitable for produce soft wood.

● 產品規格若有變動時恕不另行通知，目錄之圖表說明不具法律效力。  
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特殊規格，可依客戶要求設計製作。

Special specifications can be designed and manufactured upon request.

# R6-2500-1300-150-M

## 六面旋轉式油壓拼板機 6-Fans Hydraulic Rotary Composer

專利字號 / Patent Number: M 286765 號



- R6 model has 6 working sections with main side press; surface press and side lift hydraulic cylinders.
- Whole mechanical structure is sturdy and durable.
- Apply genuine hydraulic components to ensure that the action stability, long using life.
- Simple operation, easy maintenance and minimum failure.

◎ Patented working sections dismantle design, breaking the tradition in to a shipping container, which will greatly save transportation cost.

### 選購配件 / Option:

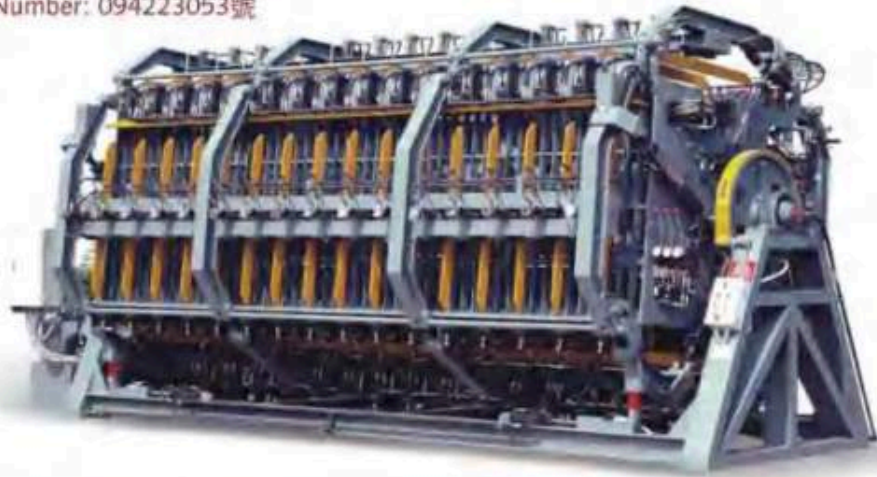
門框組立用側壓油壓缸  
Combination frame side press oil cylinder.  
如需生產窗框時，才使用此裝置。  
To produce combination frame use this device.



## R4-6200-1300-150-D/M CE

四面旋轉式油壓拼板機  
4-Fans Hydraulic Rotary Composer  
專利字號 / Patent Number: 094223053號

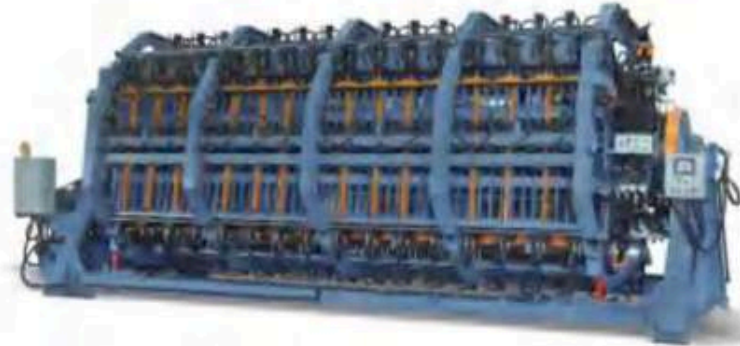
- ◎ 專利工作檯面可拆式設計，突破傳統改以貨櫃運輸出貨，可大幅省下運輸成本。
- ◎ Patented working sections dismantle design, breaking the tradition in to a shipping container, which will greatly save transportation cost.



## R4-2500-1300-210-D/M/H CE

四面旋轉式油壓拼板機  
4-Fans Hydraulic Rotary Composer

## R4-6200-1300-150 D/M CE

人機介面控制壓力設定  
Touch screen control the pressure of hydraulic cylinder

以觸控面板方式操控油壓缸之壓力。  
To use touch screen operated to control the pressure of hydraulic cylinders.

| 型號 Model                 | R4                                                    | R4                                                    | R4                                                    | R4                                                    | R4                                                    | R4                                                   | R4                                                   |
|--------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 機型 Type                  | 6200-1300-150-D/M                                     | 5200-1300-150-D/M                                     | 4600-1300-150-D/M                                     | 3100-1300-150-D/M                                     | 3100-1300-250-D/M/H                                   | 2500-1300-150-D/M                                    | 2500-1300-250-D/M/H                                  |
| 工作尺寸 Working Size: LxWxT | 6200x1300x10~150mm                                    | 5200x1300x10~150mm                                    | 4600x1300x10~150mm                                    | 3100x1300x10~150mm                                    | 3100x1300x100~250mm                                   | 2500x1300x10~150mm                                   | 2500x1300x100~250mm                                  |
| 主側壓 Main Side Press      | 800x80mm <sup>2</sup><br>1 section 18pcs total 72pcs  | 800x80mm <sup>2</sup><br>1 section 16pcs total 64pcs  | 800x80mm <sup>2</sup><br>1 section 13pcs total 52pcs  | 800x80mm <sup>2</sup><br>1 section 10pcs total 40pcs  | 1000x80mm <sup>2</sup><br>1 section 10pcs total 40pcs | 800x80mm <sup>2</sup><br>1 section 8pcs total 32pcs  | 1000x80mm <sup>2</sup><br>1 section 8pcs total 32pcs |
| 上壓 Surface Press         | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs | 400x150mm <sup>2</sup><br>1 section 16pcs total 32pcs | 400x150mm <sup>2</sup><br>1 section 13pcs total 26pcs | 400x150mm <sup>2</sup><br>1 section 10pcs total 20pcs | 400x150mm <sup>2</sup><br>1 section 10pcs total 20pcs | 400x150mm <sup>2</sup><br>1 section 8pcs total 16pcs | 400x150mm <sup>2</sup><br>1 section 8pcs total 16pcs |
| 側舉 Side Lift             | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs  | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs  |
| 壓力 Pressure              | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                               | 140 kg/cm <sup>2</sup>                               |
| 驅動馬力 Drive Motor         | 3 HP 6 P                                              | 3 HP 6 P                                              | 3 HP 6 P                                              | 3 HP 6 P                                              | 3 HP 6 P                                              | 3 HP 6 P                                             | 3 HP 6 P                                             |
| 油壓幫浦 Hydraulic Pump      | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 7 1/2 HP                                              | 7 1/2 HP                                              | 7 1/2 HP                                             | 7 1/2 HP                                             |
| 機械尺寸 Machine Size        | 7700x2650x2900mm                                      | 7100x2650x2900mm                                      | 6100x2650x2900mm                                      | 4600x2650x2900mm                                      | 4600x2800x2900mm                                      | 4020x2650x2900mm                                     | 4150x2800x3100mm                                     |
| 包裝尺寸 Packing Size        | 8030x2250x2550mm                                      | 7230x2250x2550mm                                      | 6500x2250x2550mm                                      | 5100x2250x2550mm                                      | 5100x2250x2550mm                                      | 4670x2250x2550mm                                     | 4650x2250x2550mm                                     |
| 淨重/毛重 N.W. / G.W.        | 17,500 / 19,500Kgs                                    | 14,700 / 16,700Kgs                                    | 12,000 / 14,000Kgs                                    | 9,000 / 10,500Kgs                                     | 11,500 / 12,800Kgs                                    | 7,800 / 8,900Kgs                                     | 89,000 / 10,000Kgs                                   |

● 經濟型機型：主側壓油壓缸的數量較少，適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder will less, it's suitable for produce soft wood.

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Special specifications can be designed and manufactured upon request.

## R1-2500-1300-210 A/S/D/H CE

滑動型雙面油壓式拼板機  
Sliding Double-sides Vertical Hydraulic Composer

## R1-4600-1300-150-A/D CE

雙面直立式油壓拼板機  
Two Sides Vertical Hydraulic Composer

機械特點：  
適用於生產樑、柱、建材與長料...等。  
Machine features:  
This machine is suitable for the production of beams, columns, building material and long material...etc.

| 型號 Model                 | R1                                                    | R1                                                    | R1                                                    | R1                                                    | R1                                                    |
|--------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 機型 Type                  | 6200-1300-150-A/D                                     | 6200-1300-250-A/D/H                                   | 5200-1300-150-A/D                                     | 5200-1300-250-A/D/H                                   | 4600-1300-150-A/D                                     |
| 工作尺寸 Working Size: LxWxT | 6200x1300x10~150mm                                    | 6200x1300x100~250mm                                   | 5200x1300x10~150mm                                    | 5200x1300x100~150mm                                   | 4600x1300x10~150mm                                    |
| 主側壓 Main Side Press      | 800x80mm <sup>2</sup><br>1 section 18pcs total 36pcs  | 1000x80mm <sup>2</sup><br>1 section 18pcs total 36pcs | 800x80mm <sup>2</sup><br>1 section 16pcs total 32pcs  | 1000x80mm <sup>2</sup><br>1 section 16pcs total 32pcs | 800x80mm <sup>2</sup><br>1 section 13pcs total 26pcs  |
| 上壓 Surface Press         | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs | 400x150mm <sup>2</sup><br>1 section 16pcs total 32pcs | 400x150mm <sup>2</sup><br>1 section 16pcs total 32pcs | 400x150mm <sup>2</sup><br>1 section 13pcs total 26pcs |
| 側舉 Side Lift             | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   |
| 壓力 Pressure              | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                |
| 驅動馬力 Drive Motor         | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 |
| 油壓幫浦 Hydraulic Pump      | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 |
| 機械尺寸 Machine Size        | 7100x2100x2300mm                                      | 7100x2250x2300mm                                      | 6100x2100x2300mm                                      | 6100x2250x2300mm                                      | 5500x2100x2300mm                                      |
| 包裝尺寸 Packing Size        | 7100x2100x2500mm                                      | 7100x2250x2500mm                                      | 6100x2100x2500mm                                      | 6100x2250x2500mm                                      | 5500x2100x2500mm                                      |
| 淨重/毛重 N.W. / G.W.        | 12,000 / 12,500Kgs                                    | 13,500 / 14,500Kgs                                    | 10,000 / 11,500Kgs                                    | 11,500 / 13,200Kgs                                    | 8,700 / 9,000Kgs                                      |

| 型號 Model                 | R1                                                    | R1                                                    | R1                                                    | R1                                                   | R1                                                   |
|--------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 機型 Type                  | 4600-1300-250-A/D/H                                   | 3100-1300-150-A/D                                     | 3100-1300-250-A/D/H                                   | 2500-1300-150-A/D                                    | 2500-1300-250-A/D/H                                  |
| 工作尺寸 Working Size: LxWxT | 4600x1300x100~250mm                                   | 3100x1300x10~150mm                                    | 3100x1300x100~250mm                                   | 2500x1300x10~150mm                                   | 2500x1300x100~250mm                                  |
| 主側壓 Main Side Press      | 1000x80mm <sup>2</sup><br>1 section 13pcs total 26pcs | 800x80mm <sup>2</sup><br>1 section 10pcs total 20pcs  | 1000x80mm <sup>2</sup><br>1 section 10pcs total 20pcs | 800x80mm <sup>2</sup><br>1 section 8pcs total 16pcs  | 1000x80mm <sup>2</sup><br>1 section 8pcs total 16pcs |
| 上壓 Surface Press         | 400x150mm <sup>2</sup><br>1 section 13pcs total 26pcs | 400x150mm <sup>2</sup><br>1 section 10pcs total 20pcs | 400x150mm <sup>2</sup><br>1 section 10pcs total 20pcs | 400x150mm <sup>2</sup><br>1 section 8pcs total 16pcs | 400x150mm <sup>2</sup><br>1 section 8pcs total 16pcs |
| 側舉 Side Lift             | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs   | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs  | 630x550mm <sup>2</sup><br>1 section 2pcs total 4pcs  |
| 壓力 Pressure              | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                                | 140 kg/cm <sup>2</sup>                               | 140 kg/cm <sup>2</sup>                               |
| 驅動馬力 Drive Motor         | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 7 1/2 HP                                             | 7 1/2 HP                                             |
| 油壓幫浦 Hydraulic Pump      | 10 HP                                                 | 10 HP                                                 | 10 HP                                                 | 7 1/2 HP                                             | 7 1/2 HP                                             |
| 機械尺寸 Machine Size        | 5500x2250x2400mm                                      | 4600x2100x2300mm                                      | 4600x2250x2300mm                                      | 3400x2100x2300mm                                     | 3400x2250x2300mm                                     |
| 包裝尺寸 Packing Size        | 5500x2250x2500mm                                      | 5100x2100x2500mm                                      | 5100x2250x2500mm                                      | 3400x2100x2500mm                                     | 3400x2250x2500mm                                     |
| 淨重/毛重 N.W. / G.W.        | 9,000 / 9,300Kgs                                      | 6,000 / 6,500Kgs                                      | 9,800 / 10,200Kgs                                     | 5,000 / 5,200Kgs                                     | 5,800 / 6,200Kgs                                     |

● 經濟型機型：主側壓油壓缸的數量較少，適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder will less, it's suitable for produce soft wood.

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Special specifications can be designed and manufactured upon request.



# R1-7000-1300-210-V/D/H

## 單面直立式油壓拼板機

### Single-side Vertical Hydraulic Composer

Two sections in one by connection

#### 機械特點：

適用於生產樑、柱、  
建材與長料....等。

#### Machine features:

This machine is suitable for the  
production of beams, columns,  
building material and long material...etc.

# R1-12000-1300-210-L/D/H

## 單面臥式油壓拼板機

### Single-side Horizontal Hydraulic Composer

Two sections in one by connection



| 型 號 Model                                                                                               | R1                                                         | R1                                                           | R1                                                    |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|
| 類 型 Type                                                                                                | 12000-1300-150-V or L<br>Two sections in one by connection | 12000-1300-250-V or L/H<br>Two sections in one by connection | 6200-1300-150-V or L                                  |
| 工作尺寸 Working Size: LxWxT                                                                                | 12000x1300x10~150mm                                        | 12000x1300x100~250mm                                         | 6200x1300x10~150mm                                    |
| 主 側 壓 Main Side Press                                                                                   | 800x80mm <sup>2</sup><br>1 section 18 pcs total 36pcs      | 1000x80mm <sup>2</sup><br>1 section 18pcs total 36pcs        | 800x80mm <sup>2</sup><br>1 section 18pcs total 18pcs  |
| 上 壓 Surface Press                                                                                       | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs      | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs        | 400x150mm <sup>2</sup><br>1 section 18pcs total 18pcs |
| 側 舉 Side Lift                                                                                           | 800x900mm <sup>2</sup><br>1 section 2pcs total 4pcs        | 800x900mm <sup>2</sup><br>1 section 2pcs total 4pcs          | 630x550mm <sup>2</sup><br>1 section 2pcs total 2pcs   |
| 起料滾輪架僅用於單面臥式 (L) / Raising material roller stand is only for single working section horizontal type (L) |                                                            |                                                              |                                                       |
| 起料滾輪架 Raising Material Roller Stand                                                                     | 500x30mm <sup>2</sup><br>9 units 18pcs                     | 500x30mm <sup>2</sup><br>9 units 18pcs                       | 500x30mm <sup>2</sup><br>9 units 18pcs                |
| 壓 力 Pressure                                                                                            | 140 kg/cm <sup>2</sup>                                     | 140 kg/cm <sup>2</sup>                                       | 140 kg/cm <sup>2</sup>                                |
| 驅動馬力 Drive Motor                                                                                        |                                                            |                                                              |                                                       |
| 油壓幫浦 Hydraulic Pump                                                                                     | 10 HP                                                      | 10 HP                                                        | 7 1/2 HP                                              |
| 機械尺寸 Machine Size                                                                                       | 13000x2300x3200mm                                          | 13000x2300x3200mm                                            | 7700x2000x1200mm                                      |
| 包裝尺寸 Packing Size                                                                                       | 6600x2300x2500mm (2pcs)                                    | 6600x2300x2500mm (2pcs)                                      | 7700x2000x1500mm                                      |
| 淨重/毛重 N.W. / G.W.                                                                                       | 13,000 / 13,800Kgs                                         | 14,500 / 15,300Kgs                                           | 5,000 / 5,200Kgs                                      |

■ 經濟型機型:主側壓油壓缸的數量較少,適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder  
will less, it's suitable for produce soft wood.

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# R1-6200-1300-210-A/D/H

## 雙面直立式油壓拼板機

### Double-sides Vertical Hydraulic Composer

Composer 油壓缸控制方式可分為:

Composer hydraulic cylinder control mode asbelow:



標準方式:以手動切換閥操控油壓缸之作動。  
Standard mode: use manually operated  
directional vales to control hydraulic cylinders  
function.



選配方式:以電控方式操控油壓缸之作動。  
Option mode: use electrical operated to  
control hydraulic cylinders function.



選配方式:以觸控面板方式操控油壓缸之壓力。  
Option mode:use touch screen operated to  
control the pressure of hydraulic cylinders.



# R1-12000-1300-150-A/D

## 雙面直立式油壓拼板機

### Double-sides Vertical Hydraulic Composer

Two sections in one by connection



| 型 號 Model                | R1                                                      | R1                                                      | R1                                                    |
|--------------------------|---------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| 類 型 Type                 | 12000-1300-150-A/D<br>Two sections in one by connection | 12000-1300-250-A/D<br>Two sections in one by connection | 6200-1300-150-A/D/H                                   |
| 工作尺寸 Working Size: LxWxT | 12000x1300x10~150mm                                     | 12000x1300x100~250mm                                    | 6200x1300x10~150mm                                    |
| 主 側 壓 Main Side Press    | 800x80mm <sup>2</sup><br>1 section 18 pcs total 36pcs   | 1000x80mm <sup>2</sup><br>1 section 18pcs total 36pcs   | 800x80mm <sup>2</sup><br>1 section 18pcs total 18pcs  |
| 上 壓 Surface Press        | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs   | 400x150mm <sup>2</sup><br>1 section 18pcs total 36pcs   | 400x150mm <sup>2</sup><br>1 section 18pcs total 18pcs |
| 側 舉 Side Lift            | 630x450mm <sup>2</sup><br>1 section 2pcs total 4pcs     | 630x450mm <sup>2</sup><br>1 section 2pcs total 4pcs     | 630x550mm <sup>2</sup><br>1 section 2pcs total 2pcs   |
| 壓 力 Pressure             | 140 kg/cm <sup>2</sup>                                  | 140 kg/cm <sup>2</sup>                                  | 140 kg/cm <sup>2</sup>                                |
| 驅動馬力 Drive Motor         |                                                         |                                                         |                                                       |
| 油壓幫浦 Hydraulic Pump      | 10 HP                                                   | 10 HP                                                   | 7 1/2 HP                                              |
| 機械尺寸 Machine Size        | 13000x2300x3200mm                                       | 13000x2300x3200mm                                       | 7700x2000x1200mm                                      |
| 包裝尺寸 Packing Size        | 6600x2300x2500mm (2pcs)                                 | 6600x2300x2500mm (2pcs)                                 | 7700x2000x1500mm                                      |
| 淨重/毛重 N.W. / G.W.        | 13,000 / 13,800Kgs                                      | 14,500 / 15,300Kgs                                      | 5,000 / 5,200Kgs                                      |

■ 經濟型機型:主側壓油壓缸的數量較少,適用於加工軟木。  
Economic type: the quantity of main side press hydraulic cylinder  
will less, it's suitable for produce soft wood.

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## R2-IB4-200-4-8-R

冷壓台  
Cold Press



## R2-IB4-100-4-8-R

冷壓台  
Cold Press



## R2-IB1-150-4-8

冷壓台  
Cold Press



## R2-IB1-100-4-8

冷壓台  
Cold Press

### 機械特點：

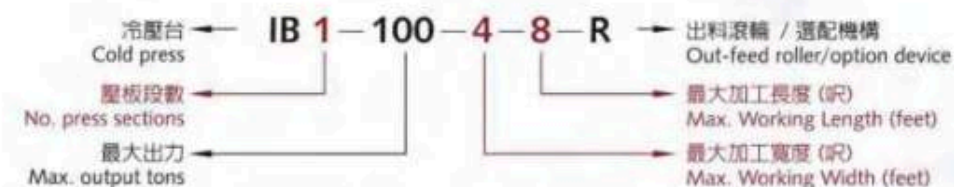
此機械是特別針對大面積的木板加工所設計。  
適用於拼板、合板、木蕊板、密迪板、纖維板  
門板...等之表面薄片貼合加工成型。

### Machine features:

This machine is specially designed for produce large and flat panels, such as: composing boards, plywood, lumber core boards, MDF boards, door plank...etc. process surface flakes laminated.



### 型號簡介/MODEL



| 型號 Model                 | R2                                    | R2                                    | R2                                     | R2                                     |
|--------------------------|---------------------------------------|---------------------------------------|----------------------------------------|----------------------------------------|
| 類型 Type                  | IB 1-50-4-8                           | IB 1-80-4-8                           | IB 1-100-4-8                           | IB 1-150-4-8                           |
| 工作尺寸 Working Size: LxWxH | 2420x1220x750~1000mm                  | 2420x1220x750~1000mm                  | 2420x1220x750~1000mm                   | 2420x1220x750~1000mm                   |
| 總出力 Max. Output          | 50 tons<br>(1.72 kg/cm <sup>2</sup> ) | 80 tons<br>(2.75 kg/cm <sup>2</sup> ) | 100 tons<br>(3.44 kg/cm <sup>2</sup> ) | 150 tons<br>(5.16 kg/cm <sup>2</sup> ) |
| 油壓缸 Hydraulic Cylinder   | 100Øx4支 / pcs                         | 125Øx4支 / pcs                         | 150Øx4支 / pcs                          | 150Øx6支 / pcs                          |
| 行程 Stroke                | 250mm <sup>1</sup>                    | 250mm <sup>1</sup>                    | 250mm <sup>1</sup>                     | 250mm <sup>1</sup>                     |
| 最大開距 Max. Working High   | 1000mm                                | 1000mm                                | 1000mm                                 | 1000mm                                 |
| 幫浦出力 Pump Output         | 210 kg/cm <sup>2</sup>                | 210 kg/cm <sup>2</sup>                | 210 kg/cm <sup>2</sup>                 | 210 kg/cm <sup>2</sup>                 |
| 油壓幫浦 Hydraulic Pump      | 5 HP                                  | 5 HP                                  | 7 1/2 HP                               | 7 1/2 HP                               |
| 機械尺寸 Machine Size        | 3670x1265x2590mm                      | 3670x1265x2590mm                      | 3670x1265x2590mm                       | 3670x1265x2590mm                       |
| 包裝尺寸 Packing Size        | 3670x2150x2235mm                      | 3670x2150x2235mm                      | 3670x2150x2235mm                       | 3670x2150x2235mm                       |
| 淨重/毛重 N.W. / G.W.        | 4,300/4,700 Kgs                       | 4,500/4,800 Kgs                       | 5,000/5,800 Kgs                        | 6,000/6,800 Kgs                        |

| 選配機構：起料滾輪架 / Option device : Raising material roller stand |                                   |                                   |                                   |                                   |
|------------------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 起料滾輪架 (R)<br>Raising material roller stand                 | 50Øx30mm <sup>1</sup><br>4支 / pcs | 50Øx30mm <sup>1</sup><br>4支 / pcs | 50Øx30mm <sup>1</sup><br>4支 / pcs | 50Øx30mm <sup>1</sup><br>4支 / pcs |

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#### 機械特點:

鎖緊式拼板機適用於實木拼板、集成材拼板、複合式地板拼板，例如：傢俱、門窗、櫥櫃、桌板、床柱、地板材與建材...等。

#### Machine features:

Clamp carrier machine is suitable to produce the solid wood laminating, particle board laminating and compound floor laminating. Such as: furniture, doors, windows, cabinet, table top, bed pillars, floorboards and constructional material...etc.

### R2-IFH-20850-2600-20

#### 機械手臂鎖緊式拼板機 Manipulator Clamp Carrier

機械手臂裝置每一組機械手設有4支上壓氣壓缸，可使拼板加工更平整、減少敲打、提升效率。

Manipulator device there are 4 pieces of air cylinder for each manipulator to do up press, more flat, reduce beat the board and increase efficiency.



### R2-IF-201250-3600-202

#### 鎖緊式拼板機 Clamp Carrier



油壓式鎖緊裝置是配合使用油壓馬達驅動鎖緊模頭，具有穩定的鎖緊特性。可隨木料的加工厚度做適當的鎖緊油壓壓力調整。

The hydraulic clamp carrier, the tightener device is used hydraulic motor to drive tighten socket which has stable tighten feature. The tightened pressure can adjust according to thickness of work pieces.



### R2-IF-20844-2600-1A1

#### 鎖緊式拼板機 Clamp Carrier



氣壓式鎖緊裝置是配合使用快速、低噪音、使用壽命長、不易損壞之氣動板手。

The pneumatic clamp carrier, the tightener is a standard device for all clamp carriers, has fast, low noise, long using life and a minimum trouble air wrench.



### R2-IF-06844-2600-1A1

#### 鎖緊式拼板機 Clamp Carrier



上壓料裝置-確保木材於夾具鎖緊時，可保持加工物的平整度。

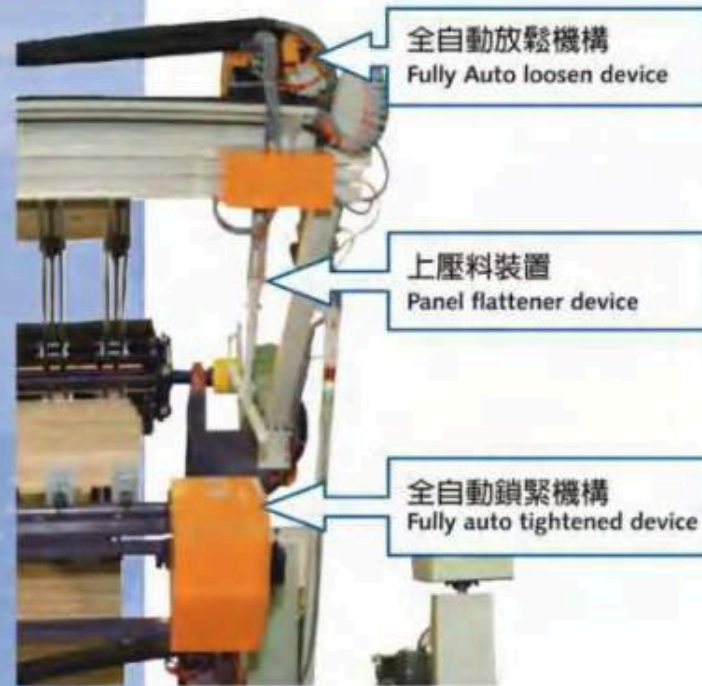
Panel flattener device to ensure that the work piece can maintain in the flatness when tightened clamps.

上壓料裝置的數量，可依客戶需求增加。  
Number of panel flattener device, it can increase depend on customer request.





# 選配裝置說明/OPTION DEVICE DESCRIPTION



全自動鎖緊/放鬆裝置—採用上排放鬆，下排鎖緊進行。為您省下大幅的時間，提升產能。使用人機介面操作模式，可設定鎖緊順序及壓力與手動和自動操作模式。

Auto tightened / loosen device - upper section loosen clamps, bottom section tightened clamps. It can save a lot of time and improve productivity. HMI operating mode, you can set the tightening sequence and the pressure and manual and automatic modes of operation.

## ◎客戶亦可選擇：

手動油壓鎖緊/全自動放鬆裝置—上排使用全自動放鬆裝置，下排鎖緊則以手動油壓裝置進行。為您省下大幅的時間，提升產能。

## ◎Customer can also choose:

Manual hydraulic tightened / fully auto loosen device - upper section use fully auto loosen clamps, bottom section use manual hydraulic motor to tightened clamps. It can save a lot of time and improve productivity

## 全自動機型 - IFFA

### Fully Automatic Mode - IFFA

油壓鎖緊/放鬆半自動上升與退回裝置—採用十字開關控制，鎖緊/放鬆油壓馬達。使得操作為方便與迅速，為您省下大幅的時間，提升產能。

Hydraulic tightened / loosen semi-auto move forward and backward device use cross switch to control tightened / loosen hydraulic motor, operation for convenient and quick and it can save a lot of time and improve productivity.



輔助壓料桿，可於膠合同時在工作物上方施加壓力，使工作物平整，防止反翹。

Assisted pressing bar (Anti-warp bar), which can pressing and laminating the wood block at the sametime and also can avoid wood board to become warped and make the products flat.

採用重型渦輪減速機，確保機械的傳動品質，即使在不平衡負載狀態下旋轉。也可維持工作面轉動的穩定性。

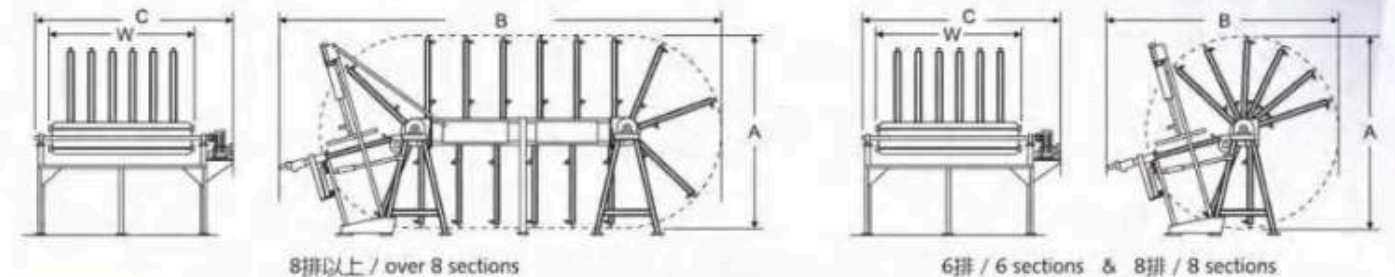
Heavy-duty worm gear reducer to ensure the transmission quality of the machinery, and even in the state of unbalanced load rotation the caterpillar chain for rotation feeding is stable.

## 型號簡介/MODEL



- IF: 鎖緊式拼板機 / Clamp carrier
- IFH: 機械手鎖緊式拼板機 / Manipulator clamp carrier
- IFD: 雙邊傳動 / Double transmission
- IFSA: 手動鎖緊 / 自動放鬆式半自動拼板機  
Manual tightened, auto loosen, semi auto clamp carrier
- IFFA: 全自動鎖緊 / 放鬆式拼板機  
Auto tightened and loosen, fully auto clamp carrier

- 1A1: 氣壓式一組鎖緊機、一組壓料  
1 set of pneumatic tightener, 1 set of panel flattener
- 2A2: 氣壓式二組鎖緊機、二組壓料  
2 sets of pneumatic tightener, 2 sets of panel flattener
- 1O1: 油壓式一組鎖緊機、一組壓料  
1 set of hydraulic tightener, 1 set of panel flattener
- 2O2: 油壓式二組鎖緊機、二組壓料  
2 sets of hydraulic tightener, 2 sets of panel flattener



|                     | 夾具深度 / Clamp depth                           | 30" (762mm) | 38" (965mm) | 44" (1117mm) | 50" (1270mm) | 52" (1320mm) |
|---------------------|----------------------------------------------|-------------|-------------|--------------|--------------|--------------|
| (A)高度<br>Height m/m | 機械總高 / Total height (6排 / 6 sections)        | 2800        | 3200        | 3500         | 3800         | 3900         |
|                     | 機械總高 / Total height (8排 / 8 sections)        | 3100        | 3500        | 3800         | 4100         | 4200         |
|                     | 機械總高 / Total height (8排以上 / over 8 sections) | 2800        | 3210        | 3520         | 3820         | 3920         |
| (B)長度<br>Length m/m | 6排 / 6 sections                              | 2600        | 3000        | 3300         | 3600         | 3700         |
|                     | 8排 / 8 sections                              | 2900        | 3300        | 3600         | 3900         | 4000         |
|                     | 12排 / 12 sections                            | 3100        | 3500        | 3800         | 4100         | 4200         |
|                     | 16排 / 16 sections                            | 3500        | 3900        | 4200         | 4500         | 4600         |
|                     | 20排 / 20 sections                            | 4100        | 4500        | 4800         | 5100         | 5200         |
|                     | 30排 / 30 sections                            | 5300        | 5700        | 6000         | 6300         | 6400         |
| (C)寬度<br>Width m/m  | 40排 / 40 sections                            | 6200        | 6600        | 6900         | 7200         | 7300         |
|                     | 工作寬度<br>Machine max. working width           | 100"        | 120"        | 150"         | 180"         | 200"         |
|                     | 氣壓式寬度 / Pneumatic total width                | 2600mm      | 3000mm      | 3800mm       | 4500mm       | 5000mm       |
|                     | 油壓式寬度 / Hydraulic total width                | 3700        | 4350        | 4970         | 5750         | 6250         |
|                     |                                              | 4300        | 4950        | 5570         | 6350         | 6850         |

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Special specifications can be designed and manufactured upon request.



**R2-DP6-48-2-H**
**門框/桌椅組立機**  
**Door Frame, Table & chairs**  
**Assembly Machine**

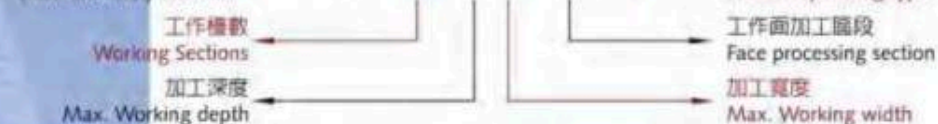
專利字號 / Patent Number: M432516號

**機械特點:**

- 本機械是特別針對門框、窗框...等框架產品大量生產加工所設計。
- 機械結構穩固，依照客戶不同的需求設有油壓、氣壓及手動三種框架組合的方式。
- 配合油/氣壓缸的使用，可精確操作壓合的動作，垂直及水平油/氣壓缸壓可在任何位置鎖定，即使在最大壓力下壓合框架，也可維持其精準度，垂直及水平油/氣壓缸可上下、左右移位，以因應各種不同之框架尺寸，方便作業。

**Machine features:**

- This machine is specially designed for produce door frames, window frames and frames products.
- The mechanical structural stability, there are three framework types of hydraulic, pneumatic and manual according to the customers different request.
- To use oil / pneumatic cylinder, precise operation combination action, vertical and horizontal oil / pneumatic cylinders can be locked in any position, even in the maximum pressure to combination framework can also maintain its accuracy, vertical and level oil / horizontal cylinders can do move up and down, left and right easily, In response to variety of frame size and convenient operating.

**型號簡介/MODEL**
 機型/門框油壓組立機  
 Type/Door frame, table &  
 chairs assembly machine

 H: 油壓加工方式  
 Hydraulic process operating type  
 A: 氣壓加工方式  
 Pneumatic process operating type  
 M: 手動加工方式  
 Manual process operating type

| 型號 Model                            | R2                                                  | R2                                                  | R2                                                  | R2                                                  | R2                                                  | R2                                                  | R2               | R2               |
|-------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------|------------------|
| 機型 Type                             | DP6-36-1-H                                          | DP6-48-2-H                                          | DP8-36-1-H                                          | DP8-48-2-H                                          | DP6-36-1-A                                          | DP8-48-1-A                                          | DP6-36-1-M       | DP9-48-1-M       |
| 工作範圍 Working Range: LxWxH           | 1800x900x50mm                                       | 2400x1200x50mm                                      | 1800x900x50mm                                       | 2400x1200x50mm                                      | 1800x900x50mm                                       | 2400x1200x50mm                                      | 1800x900x50mm    | 2400x1200x50mm   |
| 前送壓缸 Front Press Hydraulic Cylinder | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs |                  |                  |
| 側送壓缸 Side Press Hydraulic Cylinder  | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 4pcs total 24pcs | 300x50mm <sup>2</sup><br>1 section 6pcs total 36pcs | 300x50mm <sup>2</sup><br>1 section 4pcs total 24pcs | 300x50mm <sup>2</sup><br>1 section 4pcs total 24pcs | 300x50mm <sup>2</sup><br>1 section 4pcs total 24pcs |                  |                  |
| 壓力 Pressure                         | 140 kg/cm <sup>2</sup>                              | 140 kg/cm <sup>2</sup>                              | 140 kg/cm <sup>2</sup>                              | 140 kg/cm <sup>2</sup>                              | 7 kg/cm <sup>2</sup>                                | 7 kg/cm <sup>2</sup>                                |                  |                  |
| 驅動馬力 Drive Motor                    | 2 HP 6 P                                            | 2 HP 6 P                                            | 2 HP 6 P                                            | 2 HP 6 P                                            | 2 HP 6 P                                            | 2 HP 6 P                                            | 2 HP 6 P         | 2 HP 6 P         |
| 送壓馬力 Hydraulic Pump                 | 2 HP                                                | 2 HP                                                | 2 HP                                                | 2 HP                                                |                                                     |                                                     |                  |                  |
| 機架尺寸 Machine Size                   | 3600x3000x3950mm                                    | 3900x3000x3950mm                                    | 3600x3000x3950mm                                    | 3900x3000x3950mm                                    | 3600x3000x3950mm                                    | 3900x3000x3950mm                                    | 3600x3000x3950mm | 3900x3000x3950mm |
| 包裝尺寸 Packing Size                   | 4350x2250x2550mm                                    | 4950x2250x2550mm                                    | 4350x2250x2550mm                                    | 4950x2250x2550mm                                    | 4350x2250x2550mm                                    | 4950x2250x2550mm                                    | 4350x2250x2550mm | 4950x2250x2550mm |
| 淨重/毛重 N.W. / G.W.                   | 4,100/4,250Kgs                                      | 4,500/4,600Kgs                                      | 4,200/4,350Kgs                                      | 4,700/4,800Kgs                                      | 4,400/4,500Kgs                                      | 4,600/4,700Kgs                                      | 2,200/2,300Kgs   | 2,400/2,500Kgs   |

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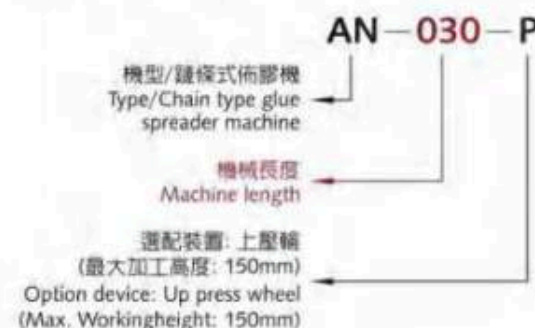
**R2-DP9-36-1-M**
**門框/桌椅組立機**  
**Door Frame, Table & chairs**  
**Assembly Machine**
**AN-030**
**鏈條式佈膠機**  
**Chain Type Glue**  
**Spreader**
**機械特點:**

- 鏈條式佈膠機是針對自動連續塗膠所設計。當輸送帶開始運轉時，工作物通過佈膠輪後則膠水會塗佈在工作物的底部。
- AN-030 佈膠機的機械長度為3M長，工作寬度為400mm。傳送帶的長度可根據客戶的需求製作。
- 刮膠板與膠輪間的間隙易於調整，作為控制工作物的塗膠量。工作完畢後，不銹鋼膠盒與刮膠板易於拆下，以便進行清潔。

**Machine features:**

- The chain type glue spreader is designed for automatic continuous gluing operations. When the conveyor starts running, the working piece moves over the gluing roller, spreading glue on the work piece bottom side.
- The AN-030 glue spreader has 3M of length machine (the length is option) and 400mm working width. Customer conveyor lengths are available upon request.
- The glue scrape comb and rollers' gap is easy adjusting for control the quantity of glue to spreading on the work piece. After the job is accomplished, the stainless steel glue pan and scrape comb can easily be removed for cleaning.


 上壓輪機構 - 是針對相同大小的工作材料進行塗膠。  
 Up press wheel is for same size material to spreading glue.

 上壓輪雙面塗膠機構 - 是針對相同大小的工作材料雙面塗膠所使用。  
 Up press double side glue spreading device is for same size material to spreading glue on the top and bottom side.
**型號簡介/MODEL**
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| 型號 Model                 | R2              | R2              | R2              |
|--------------------------|-----------------|-----------------|-----------------|
| 機型 Type                  | AN - 030        | AN - 050        | AN - 060        |
| 工作寬度 Working Width       | 400mm           | 400mm           | 400mm           |
| 進料長度 In-feed Length      | 1100mm          | 1890mm          | 1890mm          |
| 出料長度 Out-feed Length     | 1500mm          | 2890mm          | 3890mm          |
| 佈膠輪長度 Glue Roller Length | 420mm           | 420mm           | 420mm           |
| 驅動馬力 Drive Motor         | 1/2 HP 1/60     | 1/2 HP 1/60     | 1/2 HP 1/60     |
| 機械總長 Machine Length      | 3M              | 5M              | 6M              |
| 包裝尺寸 Packing Size        | 3000x700x1300mm | 3000x700x1300mm | 4000x700x1300mm |
| 淨重/毛重 N.W. / G.W.        | 350/400 Kgs     | 580/660 Kgs     | 700/800 Kgs     |



## FE-024-1

### 滾輪式佈膠機 Roller Type Glue Spreader

#### 機械特點:

- 滾輪式佈膠機是針對均勻的塗佈膠水所設計製作。操作簡易、低故障。
- 本塗膠機是由鋼輪與橡膠輪所組成，不同的佈膠膠膜厚度需求是由鋼輪與橡膠輪之間的間隙做控制、調整。膠輪的表面都經過精密的研磨與硬化之處理。
- 這一系列的佈膠機提供 3 款做選擇－佈膠寬度有 24"、36" 與 48" 寬。其他選項有雙面或單面塗膠，以滿足您的生產需求。

#### Machine features:

- Roller type glue spreader is designed and manufactured for uniform gluing with maximum simplicity and minimum trouble.
- The glue spreader consists of a smooth steel gluing roller and rubber roller. Gap is adjustable between gluing and rubber roller to varying glue film thickness on the work piece. Roller surface are precision ground and hardened.
- This series of glue spreader provides 3 models with choices of 24", 36" and 48" widths. Additional options are double or single gluing to meet your production requirements.



## FE-036-2

### 滾輪式佈膠機-雙面佈膠 Roller Type Glue Spreader-Double Side Glue Spreading



#### 型號簡介/MODEL

機型/滾輪式佈膠機  
Type/Roller type glue  
spreader machine

加工寬度 (吋)  
Machine width (inch)

FE-024-1

單面佈膠  
Single side glue spreading

1: 單面佈膠/Single side glue spreading

2: 雙面佈膠/Double side glue spreading

| 型 號 Model                | R2               | R2               | R2               | R2               | R2               | R2               |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 類 型 Type                 | FE-024-1         | FE-024-2         | FE-036-1         | FE-036-2         | FE-048-1         | FE-048-2         |
| 工作尺寸 Working Size: WxT   | 600mm(2')x60mm   | 600mm(2')x60mm   | 900mm(3')x60mm   | 900mm(3')x60mm   | 1200mm(4')x60mm  | 1200mm(4')x60mm  |
| 佈膠輪長度 Glue Roller Length | 1800x700mmx1     | 1800x700mmx2     | 1800x1050mmx1    | 1800x1050mmx2    | 2100x1350mmx1    | 2100x1350mmx2    |
| 驅動馬力 Drive Motor         | 2HP 4P           | 2HP 4P           | 2HP 4P           | 2HP 4P           | 3HP 4P           | 3HP 4P           |
| 機械總長 Machine Length      | 1450x1100x1410mm | 1450x1100x1710mm | 1780x1250x1710mm | 1780x1250x1710mm | 2080x1250x1710mm | 2080x1250x1710mm |
| 包裝尺寸 Packing Size        | 1450x1100x1710mm | 1450x1100x1710mm | 1780x1250x1710mm | 1780x1250x1710mm | 2080x1250x1710mm | 2080x1250x1710mm |
| 淨重/毛重 N.W. / G.W.        | 400 / 450Kgs     | 500 / 550Kgs     | 550 / 600Kgs     | 650 / 700 Kgs    | 700 / 750 Kgs    | 750 / 800 Kgs    |

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## AN-520

### 自動膠水混合機 Automatic Mixed Gluing Machine

馬力: 1 HP  
出膠量: 每分鐘 3 公升  
可調式比例: 0~30%  
機械幫浦均採用不銹鋼製

Motor: 1 HP  
Output: 3 L / per min  
Mixing ratio: 0 ~ 30 %  
Use stainless steel pump for this machine.



## AN-60

### 簡易拆輪滾輪式佈膠機 Assembled & Rolling Glue Spreader

工作寬度: 0~320mm (膠輪長度)  
工作高度: 0~150mm  
膠輪動力: 每只膠輪配一只之減速馬達 (共四只)  
工作特點: 可雙面佈膠，單上面佈膠，單下面佈膠

Width: 0~320mm (length of roller)  
Height: 0~150mm  
Roller power: Each roll comes along with a motor reducer. (Total: 4pcs)  
Characteristics: Available to spread glue On both sides / top & bottom.



## AN-010

### 小型手動佈膠機 Mini Type Manual Glue Spreader

加工寬度/Working width:  
250 mm





# High Frequency Generator 高週波發射機

www.routmac.com

# Hydraulic Press For Wood Bending (Apply on MDF, Veneer, Solid Wood) 曲木成型設備 (MDF, 薄片, 實木)

www.routmac.com



高週波發射機可以連接多種客製化的機器。  
High frequency generator is able to connected with  
several kinds of customized machine for wood glued.



一台發射機可以有一個或多個輸出, 因此一個人員可以  
操作多台機器, 有連續式生產的效果。  
One high frequency generator has one or more outputs,  
therefore, one worker can operate several machines.  
It have an effect of continuous production.

## TECHNICAL SPECIFICATION

| MODEL 型號          | YL-20H 2/4                                                                                                                          | YL-30H 2/4 | YL-40H 2/4                     | YL-50H 2/4 | YL-80H 2/4                     | YL-100H 2/4 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------|------------|--------------------------------|-------------|
| MAIN VOLTAGE 電源電壓 | 3ø200-600V 50/60HZ                                                                                                                  |            |                                |            |                                |             |
| INPUT POWER 入力    | 30KVA                                                                                                                               | 50KVA      | 60KVA                          | 90KVA      | 130KVA                         | 150KVA      |
| OUTPUT POWER 出力   | 20KW                                                                                                                                | 30KW       | 40KW                           | 50KW       | 80KW                           | 100KW       |
| DIMENSIONS 機械尺寸   | L:1200<br>W:1200<br>H:1750(mm)                                                                                                      |            | L:1800<br>W:1400<br>H:1850(mm) |            | L:2400<br>W:1700<br>H:1900(mm) |             |
| WEIGHT 重量         | 550kg                                                                                                                               | 700kg      | 850kg                          | 1050kg     | 1400kg                         | 1800kg      |
| REMARK 備註         | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。<br>"2" Two outputs.<br>"4" Four outputs. |            |                                |            |                                |             |



One direction 單方向



Three direction 三方向

Wooden mold is cheaper  
and easy to be designed by  
yourself for new products.  
木模的成本低廉, 且易於  
設計並開發新產品。

## Compared with hot press:

1. You just need to use wooden mold on using HF press. Contrarily, you must use steel mold on using hot press. It is more expensive than wooden mold.
2. Before heating, hot press's mold must be preheated. And then, keep power on to remain the temperature. But HF machine needn't do this.
3. The heating principle by HF system is to diffusing outward from center, it is speedy and uniform. But hot press is opposing. It will take you much time to heat.
4. Working environment on using HF machine is dry and cool. Contrarily, on using hot press is full of heat.
5. High Frequency has the effect of speedy drying and forming. Therefore, using HF system for wood bending can make good quality.

## 與熱壓機的比較:

1. 模具使用木模即可, 成本低廉, 且可自行開發模具, 以利開發新產品, 而熱壓機必須使用鐵模, 耗費的成本高。
2. 熱壓機的模具在使用前, 必須事先預熱, 且使用後, 仍需持續通電, 以保持模具的溫度, 而高週波壓台只需在使用時啟動即可。
3. 高週波加熱是由中心向外發散, 快速且均勻, 而熱壓機是由表面向內部加熱, 所耗費的時間較長。
4. 使用熱壓機, 工作的環境會非常悶熱, 而使用高週波機器, 工作環境涼爽乾燥。
5. 高週波有快速乾燥及定型的效果, 因此曲木成型必須使用高週波機器, 來製造高品質的產品。

## TECHNICAL SPECIFICATION

| MODEL 型號                | YL-801-6                                                                                   | YL-1001-6                      | YL-1201-6                      | YL-1501-6                      | YL-2001-6                      |
|-------------------------|--------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| MAIN VOLTAGE 電源電壓       | 3ø200-600V 50/60HZ                                                                         |                                |                                |                                |                                |
| OUTPUT POWER 出力         | 80 TONS                                                                                    | 100 TONS                       | 120 TONS                       | 150 TONS                       | 200 TONS                       |
| PRESSING DIRECTION 壓力方向 | SINGLE WAY TO SEVERAL WAY                                                                  |                                |                                |                                |                                |
| WORKING AREA 工作面積       | 700x900mm                                                                                  | 900x1500mm                     | 1100x2000mm                    | 1300x2500mm                    | 1500x3300mm                    |
| OPENING 開口              | 1000mm                                                                                     | 1100mm                         | 1200mm                         | 1300mm                         | 1400mm                         |
| HYDRAULIC SYSTEM 油壓系統   | 5HP-4P                                                                                     | 7.5HP-4P                       | 7.5HP-4P                       | 10HP-4P                        | 15HP-4P                        |
| CYLINDER 油壓缸            | ø175x2                                                                                     | ø125x4                         | ø150x4                         | ø125x6                         | ø150x6                         |
| DIMENSIONS 機械尺寸         | L:1500<br>W:1350<br>H:2000(mm)                                                             | L:2100<br>W:1550<br>H:2100(mm) | L:2500<br>W:1800<br>H:2150(mm) | L:3000<br>W:1900<br>H:2200(mm) | L:3600<br>W:2300<br>H:2300(mm) |
| WEIGHT 重量               | 3300kg                                                                                     | 4200kg                         | 4900kg                         | 5500kg                         | 6800kg                         |
| REMARK 備註               | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。 |                                |                                |                                |                                |



# High Frequency Wood Board Jointing Machine

高週波木材拼板機

www.routmac.com



We can customize for your specific requirement.  
我們可以依您的要求，為您訂製所需的機型。



## TECHNICAL SPECIFICATION

| MODEL 型號              | YL-1010H                                                                                                                                                                       | YL-1020H                       | YL-1030H                       | YL-1040H                       | YL-1050H                        | YL-10150H                       |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
| MAIN VOLTAGE 電源電壓     | 3Ø200~600V 50/60HZ                                                                                                                                                             |                                |                                |                                |                                 |                                 |
| INPUT POWER 入力        | 15 KVA                                                                                                                                                                         | 30 KVA                         | 50 KVA                         | 50 KVA                         | 90 KVA                          | 250 KVA                         |
| OUTPUT POWER 出力       | 10 KW                                                                                                                                                                          | 20 KW                          | 30 KW                          | 40 KW                          | 60 KW                           | 160 KW                          |
| WORKING AREA 工作面積     | 950x1250x<br>15~50mm                                                                                                                                                           | 950x1850x<br>15~50mm           | 1250x2500x<br>15~50mm          | 1250x3000x<br>15~50mm          | 1250x5000x<br>15~50mm           | 1250x6000x<br>15~300mm          |
| HYDRAULIC SYSTEM 油壓系統 | 3HP-4P                                                                                                                                                                         | 3HP-4P                         | 5HP-4P                         | 5HP-4P                         | 7.5HP-4P                        | 15HP-4P                         |
| DIMENSIONS 機械尺寸       | L:4300<br>W:1800<br>H:2000(mm)                                                                                                                                                 | L:6000<br>W:1800<br>H:2050(mm) | L:7800<br>W:2200<br>H:2200(mm) | L:9500<br>W:2500<br>H:2200(mm) | L:16200<br>W:2200<br>H:2200(mm) | L:19500<br>W:2250<br>H:2250(mm) |
| WEIGHT 重量             | 3500kg                                                                                                                                                                         | 4500kg                         | 5500kg                         | 6500kg                         | 9000kg                          | 27000kg                         |
| REMARK 備註             | 1. These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。<br>2. The max range of processing thickness can up to 300mm.<br>本機種可拼板厚度最厚可達300mm。 |                                |                                |                                |                                 |                                 |

# High Frequency Wood Board Jointing Machine

(By Stainless Steel Conveyor)

高週波木材拼板機(不鏽鋼履帶式)

www.routmac.com



## Advantages 優點:

1. The design of machine is based on the standard of CE certification, it is safe and secure.  
此機型完全以CE安全規範的標準進行設計，安全無虞。
2. Stainless steel has high durability and hardness, and it is easy for glue-cleaned.  
不鏽鋼擁有高耐用度和硬度，且易於膠水的清理。
3. About heating efficiency and quality, stainless steel conveyor is better than PP conveyor.  
不鏽鋼履帶，其加熱效率優於PP履帶，效率高且品質更好。
4. HMI interface control panel cooperated with PLC system makes operation easy and speedy.  
HMI人機介面操作面板搭配PLC控制系統，使操作變得簡單又快速。



## TECHNICAL SPECIFICATION

| MODEL 型號              | YL-1030HP                                                                                                                                                                      | YL-1040HP                      | YL-1050HP                      | YL-1060HP                       | YL-10100HP                      | YL-10150HP                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| MAIN VOLTAGE 電源電壓     | 3Ø200~600V 50/60HZ                                                                                                                                                             |                                |                                |                                 |                                 |                                 |
| INPUT POWER 入力        | 50 KVA                                                                                                                                                                         | 30 KVA                         | 50 KVA                         | 100 KVA                         | 150 KVA                         | 250 KVA                         |
| OUTPUT POWER 出力       | 30 KW                                                                                                                                                                          | 20 KW                          | 30 KW                          | 60 KW                           | 100 KW                          | 160 KW                          |
| WORKING AREA 工作面積     | 1300x2500x<br>15~50mm                                                                                                                                                          | 1300x2500x<br>15~100mm         | 1300x2500x<br>15~150mm         | 1300x6000x<br>15~50mm           | 1300x6000x<br>15~200mm          | 1300x6000x<br>15~300mm          |
| HYDRAULIC SYSTEM 油壓系統 | 5HP-4P                                                                                                                                                                         | 7.5HP-4P                       | 10HP-4P                        | 10HP-4P                         | 15HP-4P                         | 20HP-4P                         |
| DIMENSIONS 機械尺寸       | L:9000<br>W:2200<br>H:2450(mm)                                                                                                                                                 | L:9100<br>W:2200<br>H:2450(mm) | L:9200<br>W:2200<br>H:2500(mm) | L:19400<br>W:2200<br>H:2500(mm) | L:19600<br>W:2200<br>H:2550(mm) | L:19900<br>W:2250<br>H:2550(mm) |
| WEIGHT 重量             | 7500kg                                                                                                                                                                         | 9300kg                         | 12000kg                        | 14000kg                         | 22000kg                         | 30000kg                         |
| REMARK 備註             | 1. These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。<br>2. The max range of processing thickness can up to 300mm.<br>本機種可拼板厚度最厚可達300mm。 |                                |                                |                                 |                                 |                                 |



# High Frequency Automatic Wood Board Jointing System 高週波全自動木材拼板系統

www.routmac.com



## Features 特色:

This equipment consists of automatic feeding, automatic glue-spread, automatic pusher, electric inlet, HF heating and electric outlet. The whole workflow is fluent and speedy. 本套設備包含自動送料, 自動佈膠, 自動推料, 電動進料, 高週波加熱, 電動出料等功能。整套工作流程迅速又流暢。

## Remarks 備註:

The specification of wood have to be the same in one processing. 本機型之同次加工所使用的木材, 其規格需相同。

## Operation Process 流程:

www.routmac.com



Control panel 控制面板

1. HMI + PLC 人機介面與電腦控制
2. Easy to operate 操作簡單

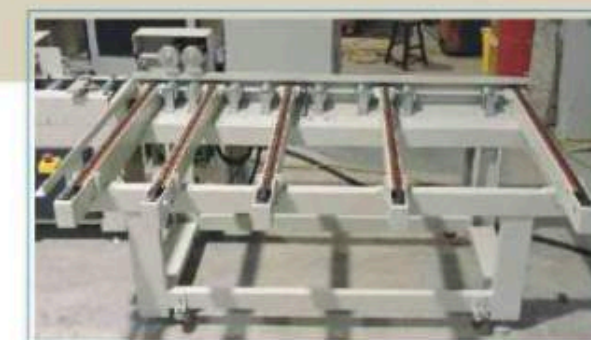


Glue spreader 佈膠機

Speedy, uniform and saving glue. 佈膠快速又均勻, 且省膠。



HF system 高週波系統



Feeder 進料台



Pusher 推料台



Panel saw 裁板機

You can set up how length you want to cut by control panel. 可以由控制面板設定所要裁切的尺寸。

## TECHNICAL SPECIFICATION

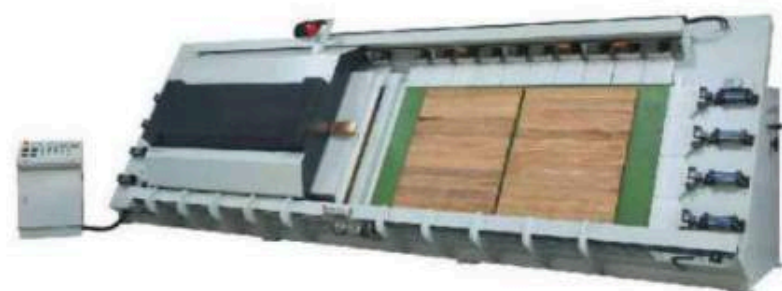
| MODEL 型號              | YL-1030H-FAV                                                                            | YL-1030H-FAH             |
|-----------------------|-----------------------------------------------------------------------------------------|--------------------------|
| MAIN VOLTAGE 電源電壓     | 3 PHASE 200~600V 50/60HZ                                                                |                          |
| INPUT POWER 入力        | 50 KVA                                                                                  | 50 KVA                   |
| OUTPUT POWER 出力       | 30 KW                                                                                   | 30 KW                    |
| WORKING AREA 工作面積     | 1250x2500x15~50mm                                                                       | 1250x2500x15~50mm        |
| HYDRAULIC SYSTEM 油壓系統 | 5HP-4P                                                                                  | 5HP-4P                   |
| DIMENSIONS 機械尺寸       | L:11800 W:4000 H:2400(mm)                                                               | L:7000 W:7000 H:2250(mm) |
| WEIGHT 重量             | 9700kg                                                                                  | 14000kg                  |
| REMARK 備註             | * These specifications and appearance are subject to change without notice. 機種變更設計不另通知。 |                          |



# High Frequency Multi-Function Dual Slanting Table For Wood Working Machine

高週波木材雙斜面式多功能加工機

www.routmac.com



Framing  
組框

Chair back forming  
椅背成形



Solid wood or MDF  
edge banding  
實木或MDF封邊

## Features 特色:

1. Slanting working table, it is easy for loading and unloading.  
斜面式工作台面，易於取放物件。
2. Dual working table, double efficiency of production.  
雙工作台面，工作效率加倍。
3. Multi-function design, it's able to processing many kinds of products. (Ex: Wood board jointing, Solid wood edge banding, Wood frame jointing, Cabinet door forming)  
多功能設計，可加工多種產品(例如:木材拼板、實木封邊、框架接合、櫥櫃門板)。



Board jointing  
木材拼板

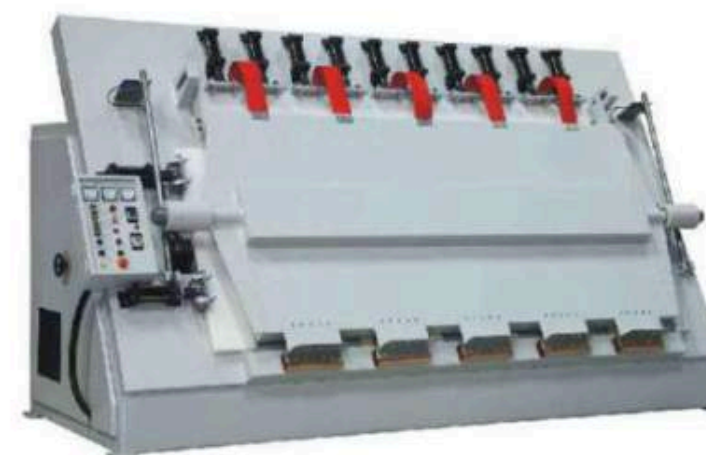
## TECHNICAL SPECIFICATION

| MODEL 型號              | YL-1030H-2SH                                                                               | YL-1040H-2SH                   | YL-1050H-2SH                   |
|-----------------------|--------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|
| MAIN VOLTAGE 電源電壓     | 3 PHASE 200~600V 50/60HZ                                                                   |                                |                                |
| INPUT POWER 入力        | 50 KVA                                                                                     | 50 KVA                         | 90 KVA                         |
| OUTPUT POWER 出力       | 30 KW                                                                                      | 40 KW                          | 50 KW                          |
| WORKING AREA 工作面積     | 1250x2500x<br>15~50mm                                                                      | 1250x3600x<br>15~100mm         | 1250x4500x<br>15~150mm         |
| HYDRAULIC SYSTEM 油壓系統 | 5HP-4P                                                                                     | 7.5HP-4P                       | 10HP-4P                        |
| DIMENSIONS 機械尺寸       | L:6500<br>W:1800<br>H:2200(mm)                                                             | L:7700<br>W:1950<br>H:2200(mm) | L:8600<br>W:2050<br>H:2250(mm) |
| WEIGHT 重量             | 8600kg                                                                                     | 9400kg                         | 10400kg                        |
| REMARK 備註             | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。 |                                |                                |

# High Frequency Multi-Function Slanting Table For Wood Working Machine

高週波木材斜面式多功能加工機

www.routmac.com



## Applications 功用:

1. Wood Board Gluing
2. Cabinet Door Forming
3. Solid Wood Edge Banding
4. MDF Edge Banding
5. Framing
6. Special Applications

- 1.拼板
- 2.櫥櫃門成型
- 3.實木封邊
- 4.MDF封邊
- 5.組框
- 6.其他特殊用途



## TECHNICAL SPECIFICATION

| MODEL 型號              | YL-1030H-SH                                                                                | YL-1040H-SH              |
|-----------------------|--------------------------------------------------------------------------------------------|--------------------------|
| MAIN VOLTAGE 電源電壓     | 3 PHASE 200~600V 50/60HZ                                                                   |                          |
| INPUT POWER 入力        | 50 KVA                                                                                     | 60 KVA                   |
| OUTPUT POWER 出力       | 30 KW                                                                                      | 40 KW                    |
| WORKING AREA 工作面積     | 1250x2500x15~50mm                                                                          | 1250x2500x15~100mm       |
| HYDRAULIC SYSTEM 油壓系統 | 5HP-4P                                                                                     | 7.5HP-4P                 |
| DIMENSIONS 機械尺寸       | L:3800 W:1800 H:2150(mm)                                                                   | L:3800 W:1900 H:2150(mm) |
| WEIGHT 重量             | 5200kg                                                                                     | 5800kg                   |
| REMARK 備註             | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。 |                          |



# High Frequency Multi-Function Dual Sliding Table For Wood Working Machine

高週波木材雙滑台式多功能加工機

www.routmac.com

## Applications 功用:

1. Board Laminated 拼板
2. Cabinet Door Forming 櫥櫃門組拼



## TECHNICAL SPECIFICATION

| MODEL 型號              | YL-1030H-2T                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------|
| MAIN VOLTAGE 電源電壓     | 3 PHASE 200~600V 50/60HZ                                                                   |
| INPUT POWER 入力        | 50 KVA                                                                                     |
| OUTPUT POWER 出力       | 30 KW                                                                                      |
| WORKING AREA 工作面積     | 1250x2500x15~50mm                                                                          |
| HYDRAULIC SYSTEM 油壓系統 | 5HP-4P                                                                                     |
| DIMENSIONS 機械尺寸       | L:4000 W:3700 H:2250(mm)                                                                   |
| WEIGHT 重量             | 8000kg                                                                                     |
| REMARK 備註             | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。 |

# High Frequency Continuous Cabinet & Wood Frame Jointing Machine (By Conveyor)

高週波連續式櫥櫃框架接著專用機

www.routmac.com

## 專利號碼

台灣專利號碼：新型第M448364

大陸專利號碼：2941492

## Advantage 優點:

1. Workpiece go through the conveyor continuously.  
工作物件不間斷通過輸送帶
2. It's able for continuous and mass production.  
可大量連續式生產
3. Higher efficiency, and the quality is guaranteed.  
效率更高,品質有保證



## TECHNICAL SPECIFICATION

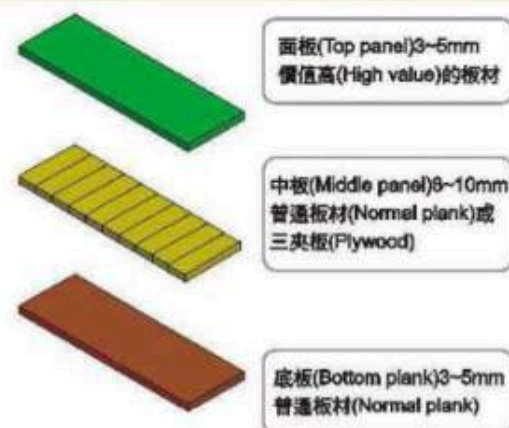
| MODEL 型號             | YL-1008PM                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------|
| MAIN VOLTAGE 電源電壓    | 3 PHASE 200~600V 50/60HZ                                                                   |
| INPUT POWER 入力       | 25 KVA                                                                                     |
| OUTPUT POWER 出力      | 15 KW                                                                                      |
| WORKING AREA 工作面積    | L:250~1500 W:250~750 H:20~60(mm)                                                           |
| PRESSURE SUPPLY 壓力供給 | BY MOTOR 馬達驅動                                                                              |
| DIMENSIONS 機械尺寸      | L:4800 W:3200 H:1600(mm)                                                                   |
| WEIGHT 重量            | 2600kg                                                                                     |
| REMARK 備註            | * These specifications and appearance are subject to change without notice.<br>機種變更設計不另通知。 |



## High Frequency Wood Board Jointing Machine For Parquet

高週波複合地板貼合定型機

www.routmac.com



| TECHNICAL SPECIFICATION |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| MODEL 型號                | YL-50-PJ                                                                                   |
| MAIN VOLTAGE 電源電壓       | 3 PHASE 200-600V 50/60HZ                                                                   |
| INPUT POWER 入力          | 90 KVA                                                                                     |
| OUTPUT POWER 出力         | 50 KW                                                                                      |
| WORKING AREA 工作面積       | L:2100 W:250 H:810(mm)                                                                     |
| HYDRAULIC SYSTEM 油壓系統   | 7.5HP-4P                                                                                   |
| DIMENSIONS 機械尺寸         | L:7800 W:3350 H:2800(mm)                                                                   |
| WEIGHT 重量               | 5500kg                                                                                     |
| REMARK 備註               | * These specifications and appearance are subject to change without notice.<br>機體變更設計不另通知。 |

## High Frequency Wood Frame Jointing Machine

高週波木材框架接著機



| TECHNICAL SPECIFICATION |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| MODEL 型號                | YL-1000PM                                                                                  |
| MAIN VOLTAGE 電源電壓       | 3 PHASE 200-600V 50/60HZ                                                                   |
| INPUT POWER 入力          | 13 KVA                                                                                     |
| OUTPUT POWER 出力         | 8 KW                                                                                       |
| WORKING AREA 工作面積       | 300 x 300-1000 x 2000(mm)                                                                  |
| PRESSURE SUPPLY 壓力供給    | BY MOTOR, BY PNEUMATIC 馬達驅動, 氣壓系統                                                          |
| DIMENSIONS 機械尺寸         | L:3900 W:1600 H:1200(mm)                                                                   |
| WEIGHT 重量               | 1500kg                                                                                     |
| REMARK 備註               | * These specifications and appearance are subject to change without notice.<br>機體變更設計不另通知。 |

## High Frequency Speakers Glued Stereotypes Machine (By Conveyor)

高週波連續式音箱膠合定型機

www.routmac.com



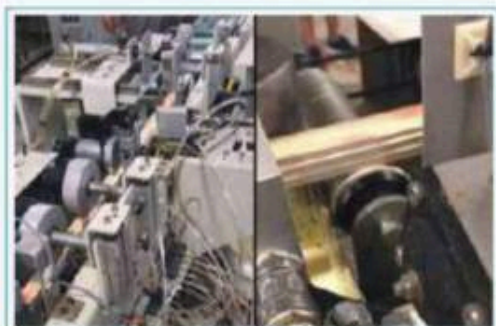
| TECHNICAL SPECIFICATION |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| MODEL 型號                | YL-1015-CS                                                                                 |
| MAIN VOLTAGE 電源電壓       | 3 PHASE 200-600V 50/60HZ                                                                   |
| INPUT POWER 入力          | 50 KVA                                                                                     |
| OUTPUT POWER 出力         | 30 KW                                                                                      |
| WORKING AREA 工作面積       | L:2000 W:600 H:600(mm)                                                                     |
| DIMENSIONS 機械尺寸         | L:5600 W:3200 H:1900(mm)                                                                   |
| WEIGHT 重量               | 4000kg                                                                                     |
| REMARK 備註               | * These specifications and appearance are subject to change without notice.<br>機體變更設計不另通知。 |



## Automation Equipment - Feeding and Spreading Glue

自動送料,自動佈膠 系統

[www.routmac.com](http://www.routmac.com)



## Automatic Glue Spreader

自動佈膠機

### Features 特色:

- |                        |          |
|------------------------|----------|
| 1. Random width.       | 1. 不定寬   |
| 2. Minimum glue loss.  | 2. 省膠    |
| 3. Speedy and uniform. | 3. 快速又均勻 |



## OTHER PRODUCTS 其它產品

• 短週期表面貼合機  
Hot Press Short Cycle Membrane Machine

• 高週波塑膠熔接機  
H.F Plastic Welding Machine

• 高週波熱處理機(晶體式)  
H.F Heat Treatment Machine (Transistor)

• 高週波地板複合機  
H.F Wood/Bamboo Joining Machine For Parquet

• 高週波醫療器材成型加工機  
H.F Medical Products Forming and Welding Machine

• 高週波紙類印刷乾燥設備  
H.F Paper Printing Drying Machine

• 高週波紙類餐盒加工成型設備  
H.F Paper Meal Box Forming Machine



[www.routmac.com](http://www.routmac.com)



# YL-610B



## SEMI-AUTOMATIC FINGER JOINT SYSTEM

### 1M Chain Length

Semi-Automatic Finger Joint System integrates many outstanding features, such as high precision, high productivity, extra smooth motions and minimum trouble. Furthermore, the YL-610B will fully exhibit high efficiency finger shaping and finger jointing operations. The machine has been trusted and recognized for a long period.

- 1 meters chain length.
- A semi-automated finger shaping and jointing production line.
- PLC control provides smooth motions and easy operation.
- Precise tenon cutting and secure jointing.
- Optimal cost to performance ratio.
- Comprehensive technical support.

## 半自動指接系統

### 1米鏈條長度

精心設計打造的 YL-610B半自動指接系統，擁有高精度、高產能、動作順暢及最低故障率等特色。此外，YL-610B更徹底展現高效率打樁、接樁作業，長期以來深獲客戶的信賴與肯定。

- 1米鏈條長度。
- 半自動打樁、指接生產線。
- PLC控制，動作順、操作簡易。
- 精密打樁、接樁牢固。
- 最佳性價比。
- 完善的技術支援。





# YL-610BL



SEMI-AUTOMATIC FINGER JOINT SYSTEM

## 5.5M Chain Length

Semi-Automatic Finger Joint System is to enhance high throughput and process smoothness. Moreover, its optimal operation performance has been fully recognized by domestic and foreign customers.

- 5.5 meters chain length.
- A semi-automated finger shaping and jointing production line.
- PLC control provides smooth motions and easy operation.
- Precise tenon cutting and secure jointing.
- Optimal cost to performance ratio.
- Comprehensive technical support.

半自動指接系統

## 5.5米鏈條長度

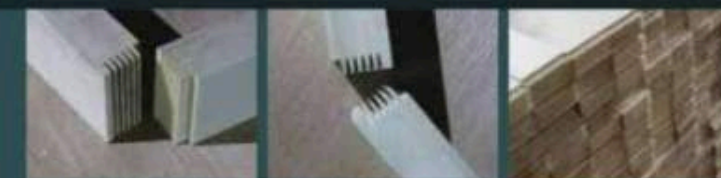
YL-610BL半自動指接系統之設計概念著重在高產能及流程動作順暢性。並以最佳操控性，贏得國內外業界肯定。

- 5.5米鏈條長度。
- 半自動打樁、指接生產線。
- PLC控制，動作順、操作簡易。
- 精密打樁、接樁牢固。
- 最佳性價比。
- 完善的技術支援。





# YL-610A



AUTOMATIC FINGER JOINT SYSTEM  
自動指接系統

## Hydraulic Drive

Ultra Stable And Smooth Motions  
Finger shaping and jointing are fast accomplished

YL-610A series of Automatic Finger Joint System employs hydraulic cylinders to drive the tables on the right and left finger shaper. The entire motion sequences are performed fast and steadily, allowing the YL-610A to fully exhibit its extraordinary performance.

- Automated finger shaping and jointing are fast accomplished.
- PLC control provides smooth motions and easy operation.
- Twin shaping spindles (optional).
- Specially designed infeed rollers and pressure plate provides 80% of pre-jointing tightness.
- Highly rigid machine structure throughout exhibits outstanding stability in high speed operations.
- Comprehensive technical support.



### Table Driven By Hydraulic Power

- The right and left finger shapers employ a hydraulic cylinder for drive, featuring powerful driving force and smooth movement.

### 工作台油壓驅動

- 左/右打樺機之工作台行程採用油壓缸驅動，驅動力強、移動平穩順暢。

## 油壓驅動

動作平穩順暢

打樺、接樺 一氣呵成

YL-610A系列自動指接系統之打樺工作台採用油壓缸驅動，打樺動作輕巧順暢。整體動作流程快速、平穩，更凸顯FJS-610A之非凡性能。

- 自動化打樺、接樺快速完成。
- PLC控制，動作順暢，操作簡易。
- 雙打樺刀軸(選配)。
- 特殊入料滾輪及壓板設計，可達到80%預接緊度。
- 整體機器結構高剛性，高速作業穩定性優異。
- 完善的技術支援。





# YL-610S



AUTOMATIC FINGER JOINT SYSTEM  
自動指接系統

## Servo Motor Drive

Built for high efficiency & high throughput

With outstanding features that are recognized by all customers, the tables on the right and left finger shaper of YL-610S Automatic Finger Joint System are driven by servo motors to exhibit fast and accurate shaping operations. This enables the YL-610S to fully satisfy customers who require automated, highly productive finger shaping and jointing operations.

- Automated finger shaping and jointing are fast accomplished.
- PLC control provides smooth motions and easy operation.
- Twin shaping spindles (optional).
- Specially designed infeed rollers and pressure plate provides 80% of pre-jointing tightness.
- Highly rigid machine structure throughout exhibits outstanding stability in high speed operations.
- Comprehensive technical support.

## 伺服馬達驅動

專為高效率、高產能而打造

以卓越性能深獲客戶肯定的 YL-610S自動指接系統，打樺工作台採用伺服馬達驅動，展現快速、精密的打樺作業，可徹底滿足客戶對自動化、高產能的打樺、接樺作業。

- 自動化打樺、接樺快速完成。
- PLC控制，動作順暢，操作簡易。
- 雙打樺刀軸(選配)。
- 特殊入料滾輪及壓板設計，可達到80%預接緊度。
- 整體機器結構高剛性，高速作業穩定性優異。
- 完善的技術支援。



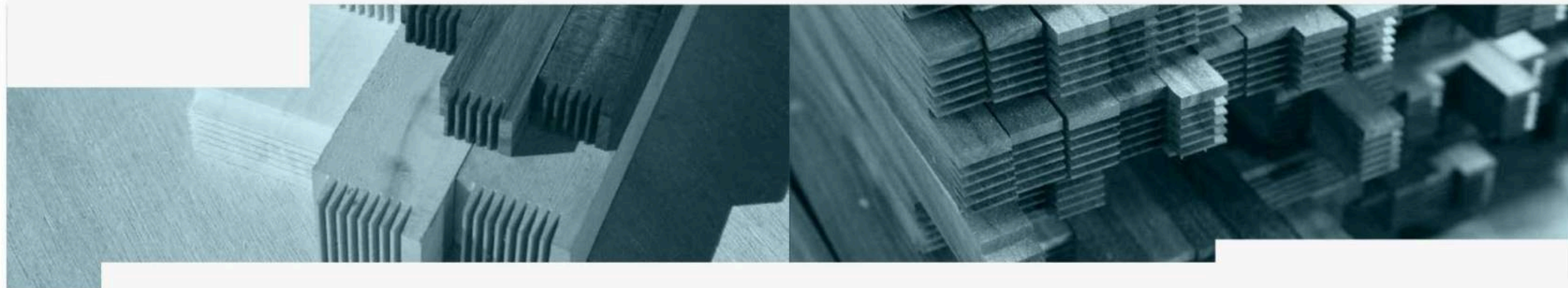
### Table Driven by Servo Motor

- The tables on the right and left finger shaper can be driven by servo motor, which combined with the use of linear guide ways and the rack for transmission. As a result, high moving speed can be achieved.

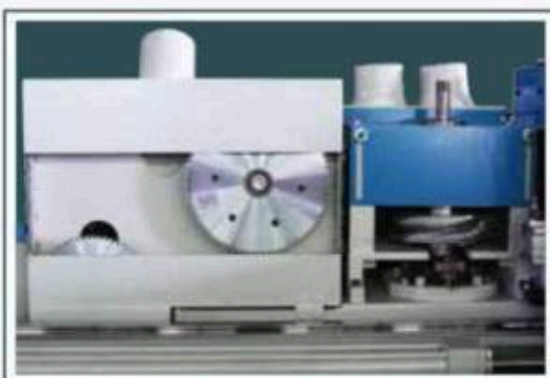
### 工作台伺服馬達驅動

- 左/右打樺機之工作台行程，可採用伺服馬達驅動，搭配使用線性滑軌及排齒傳動，展現快速移動特色。





**YL-530A3 LEFT FINGER SHAPER**  
左打榫機



#### LEFT FINGER SHAPER

- The left finger shaper is used for performing scoring, trimming and tenon shaping at the left side of wood material.
- With scoring at the bottom of wood, tearing problem can be avoided while cutting tenon.

#### 左打榫機

- 左打榫機可執行木料左邊之打溝、修邊、打榫加工。
- 木料經由底部打溝，可避免打榫時之碎裂問題。



**YL-530A4 RIGHT FINGER SHAPER**  
右打榫機



#### RIGHT FINGER SHAPER

- The right finger shaper is used for performing scoring, trimming, tenon shaping and gluing operations at the right side of wood material.
- With scoring at the top and bottom side of wood, tearing problem can be avoided while cutting tenon.

#### 右打榫機

- 右打榫機可執行木料右邊之打溝、修邊、打榫、佈膠作業。
- 木料經由上、下面打溝，可避免打榫時之碎裂問題。



#### Twin Shaping Spindles (Optional)

- Specially designed to suit deeper tenon and high cutting speed, the twin shaping spindles not only effectively prevent tenon from tearing while upgrading machining efficiency.
- Applicable for right and left finger shapers.

#### 2支打榫刀軸(選配)

- 針對榫深較深及高速打榫加工需求而特別設計的雙打榫刀軸。除了可有效避免指榫裂開，並且可提升加工效率。
- 適用於左、右打榫機。





## YL-45CAP FINGER JOINTER 接棒機

- Jointing length 6.2M (Standard)  
Jointing length 4.6M (Optional)
- Specially designed infeed rollers in combination with pressure plate to achieve 80% tightness of pre-jointing.
- Powerful hydraulic drive ensures secure jointing effect.
- 接棒長度6.2米(標準)  
接棒長度4.6米(選配)
- 特殊設計入料滾輪配合壓板，可達80%預接緊度。
- 強力油壓驅動，接棒牢固。



### 80% Tightness of Pre-jointing

- The infeed end of the finger jointer is designed with 3 sets of up / down infeed rollers. With the speed differential principle on the infeed rollers in combination with powerful large area pressure plate, the finger jointer can reach up to 80% tightness of pre-joint.

### Pneumatically Loaded Infeed Rollers

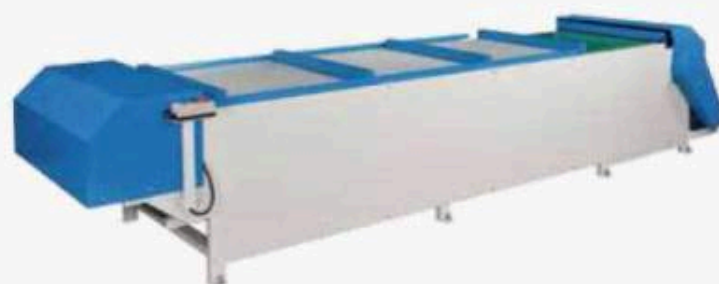
- The top three infeed rollers are loaded with individual air cylinder, making wood infeed smoother.

### 80% 預接緊度

- 指接機之入料端配置上、下3組入料滾輪，利用滾輪之差速原理，並配合強力、大面積壓板，具有高達80%之指棒預接效果。

### 氣壓式滾輪控制

- 3個上入料滾輪各附有氣壓缸控制，使入料更順暢。



## Link Chain Type Automatic Material Preparation Conveyor (Optional)

- The automatic material preparation conveyor is mounted before the left finger shaper, providing operators with sufficient time to place wood material.

## Length of Material Preparation Conveyor

- The length of the automatic material preparation conveyor is dependent on the table width of the finger shaper.

## 履帶式自動備料機(選配)

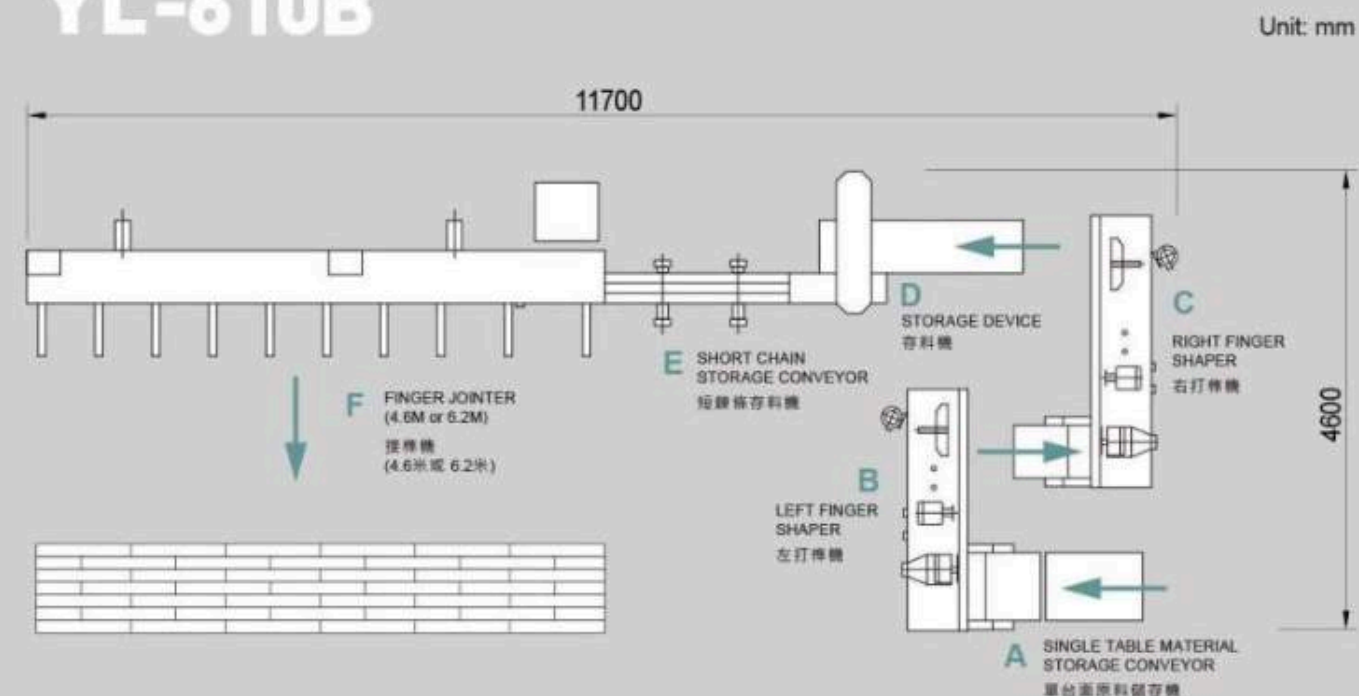
- 自動備料機安裝在左打棒機前面，提供作業員足夠的置料時間。

## 備料機長度

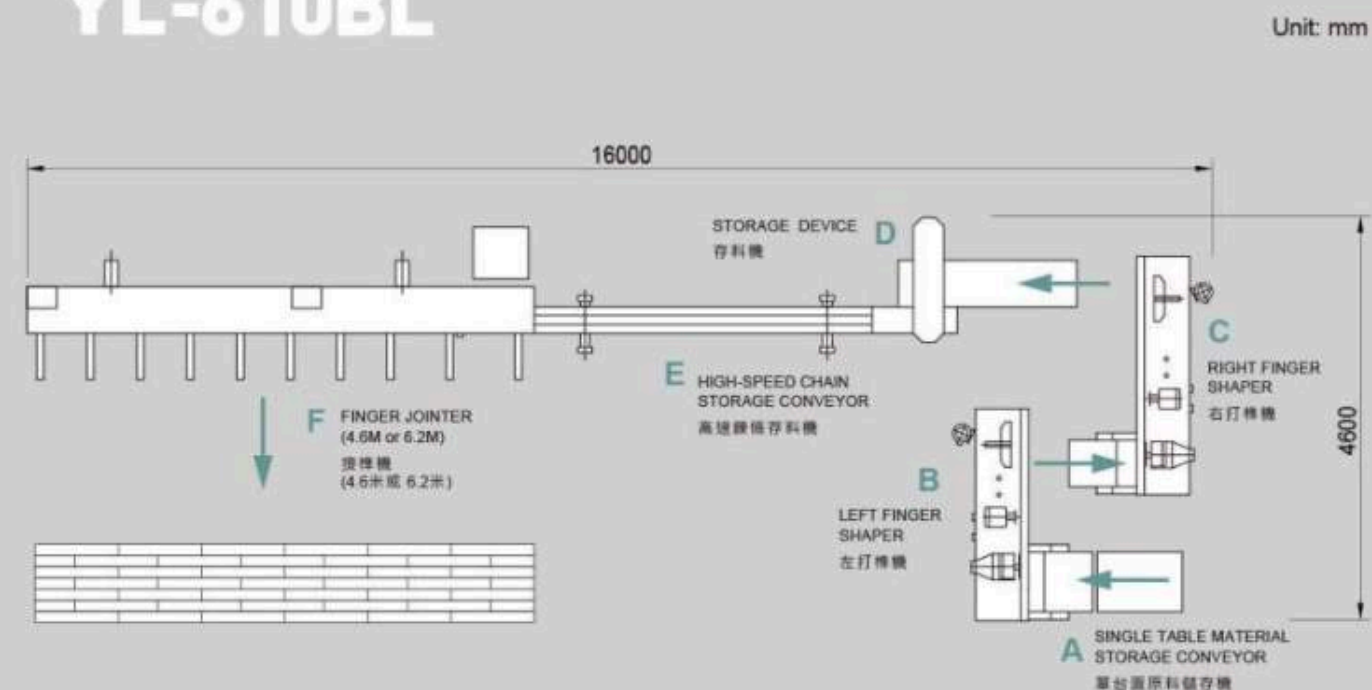
- 自動備料機長度依打棒機之工作台寬度而定。

## Motion Flow Chart 動作流程圖

### YL-610B



### YL-610BL

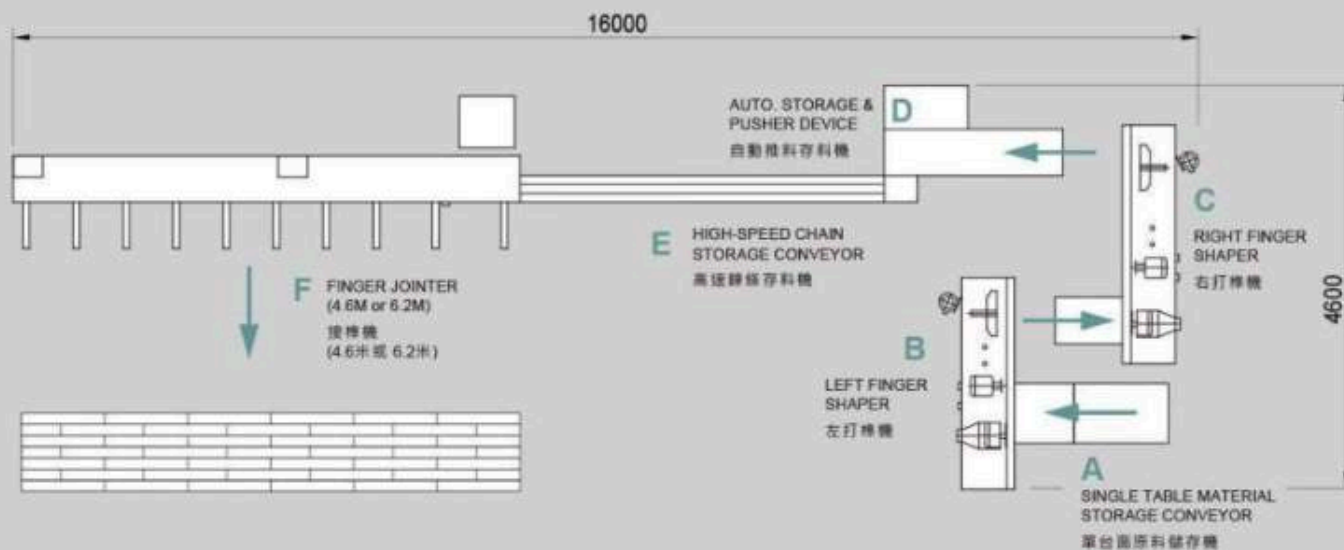




## Motion Flow Chart 動作流程圖

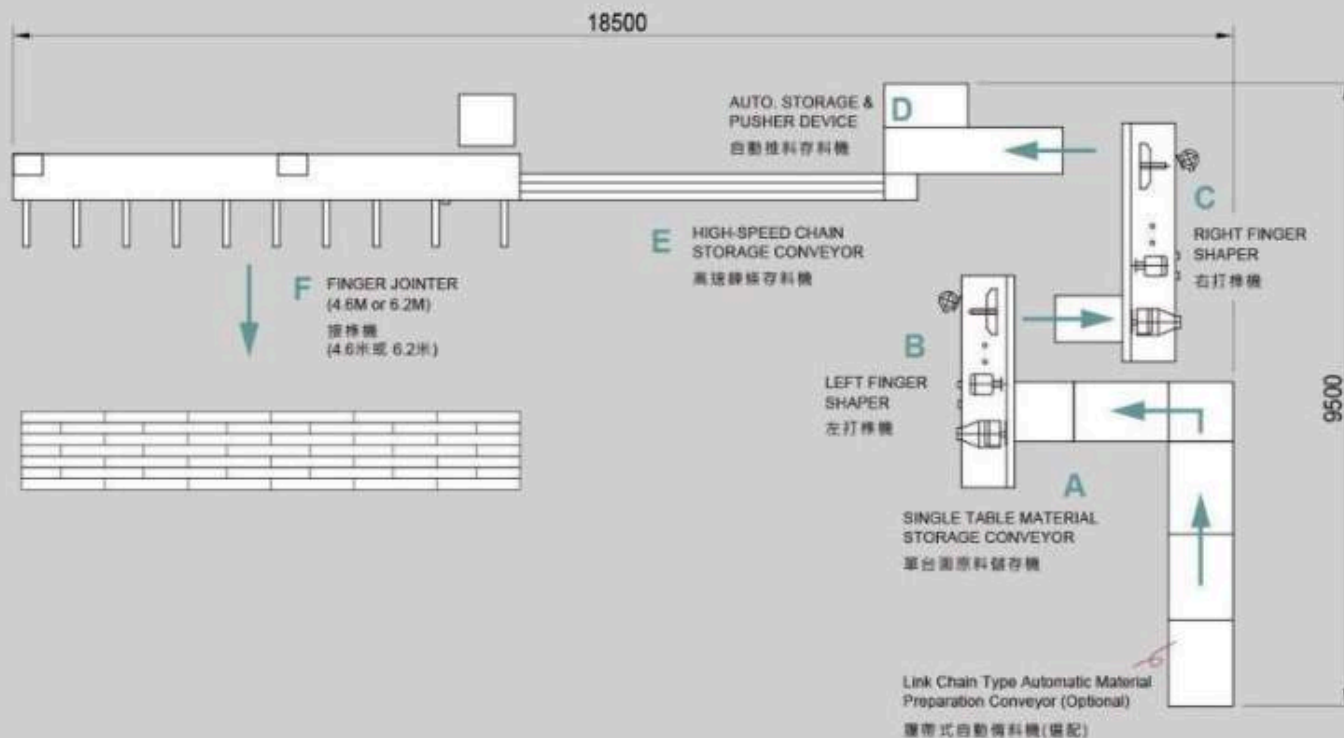
### YL-610A

Unit: mm



### YL-610S

Unit: mm



## Specification 規格表

| A 單台面原料儲存機        |                                      | SINGLE TABLE MATERIAL STORAGE CONVEYOR |           |
|-------------------|--------------------------------------|----------------------------------------|-----------|
| 儲料輸送皮帶            | Material preparation conveyor belt   | 1/2HP x 1PC                            |           |
| 裝箱尺寸(長x寬x高)       | Packing dimensions (L x W x H)       | 1980 x 910 x 1100mm                    |           |
| B 左打樺機            |                                      | LEFT FINGER SHAPER                     | YL-530S3  |
| 工作台面(寬x長)         | Table area (W x L)                   | 610 x 800mm                            |           |
| 加工範圍(長x寬x高)       | Working capacity (L x W x H)         | 180~800 x 610 x 150mm                  |           |
| 進料馬達              | Infeed motor                         | 1/2HP x 1PC                            |           |
| 修邊鋸片馬達            | Trimming sawblade motor              | 7-1/2HP x 1PC                          |           |
| 打溝鋸片馬達            | Scoring sawblade motor               | 2HP x 1PC                              |           |
| 打樺刀軸馬達            | Shaping spindle motor                | 30HP x 1PC                             |           |
| 伺服馬達              | Servo motor                          | 5HP x 1PC                              | -         |
| 油壓泵浦馬達            | Hydraulic pump motor                 | -                                      | 2HP x 1PC |
| 機械重量(淨重/毛重)       | Machine weight (NW / GW)             | 2100 / 2300 kgs                        |           |
| 機械尺寸(長x寬x高)       | Machine dimensions (L x W x H)       | 2780 x 1580 x 1550mm                   |           |
| 裝箱尺寸(長x寬x高)       | Packing dimensions (L x W x H)       | 2880 x 1880 x 1600mm                   |           |
| C 右打樺機            |                                      | RIGHT FINGER SHAPER                    | YL-530S4  |
| 工作台面(寬x長)         | Table area (W x L)                   | 610 x 800mm                            |           |
| 加工範圍(長x寬x高)       | Working capacity (L x W x H)         | 180~800 x 610 x 150mm                  |           |
| 進料馬達              | Infeed motor                         | 1/2HP x 1PC                            |           |
| 修邊鋸片馬達            | Trimming sawblade motor              | 7-1/2HP x 1PC                          |           |
| 打溝鋸片馬達            | Scoring sawblade motor               | 2HP x 2PCS                             |           |
| 打樺刀軸馬達            | Shaping spindle motor                | 30HP x 1PC                             |           |
| 伺服馬達              | Servo motor                          | 5HP x 1PC                              | -         |
| 油壓泵浦馬達            | Hydraulic pump motor                 | -                                      | 2HP x 1PC |
| 佈膠馬達              | Gluing motor                         | 1/2HP x 1PC                            |           |
| 機械重量(淨重/毛重)       | Machine weight (NW / GW)             | 2250 / 2450 kgs                        |           |
| 機械尺寸(長x寬x高)       | Machine dimensions (L x W x H)       | 3450 x 1580 x 1650mm                   |           |
| 裝箱尺寸(長x寬x高)       | Packing dimensions (L x W x H)       | 3550 x 1880 x 1700mm                   |           |
| D 自動推料存料機         |                                      | AUTO. STORAGE & PUSHER DEVICE          |           |
| 木材退料馬達            | Wood retract motor                   | 1/2HP x 1PC                            |           |
| 出料輪               | Outfeed roller                       | 1/2HP x 1PC                            |           |
| 裝箱尺寸(長x寬x高)       | Packing dimensions (L x W x H)       | 2880 x 1880 x 1750mm                   |           |
| E 高速鏈條存料機         |                                      | HIGH SPEED CHAIN STORAGE CONVEYOR      |           |
| 備料輸送皮帶            | Material preparation conveyor belt   | 1/2HP x 1PC                            |           |
| 備料輸送鏈條            | Material preparation feed chain      | 1HP x 2PCS                             |           |
| 裝箱尺寸(長x寬x高)       | Packing dimensions (L x W x H)       | 5760 x 1040 x 1100mm                   |           |
| F 接樺機             |                                      | FINGER JOINTER                         | YL-45CAP  |
| 接木長度(標準)          | Jointing length (Standard)           | Standard 6.2M                          |           |
| 接木長度(選配)          | Jointing length (Optional)           | Optional 4.6M                          |           |
| 加工範圍(長x寬x高)(6.2M) | Working capacity (L x W x H)(6.2M)   | 4700~6200 x 22~150 x 18~75mm           |           |
| 鋸切馬達              | Cut off motor                        | 3HP x 1PC                              |           |
| 油壓泵浦馬達            | Hydraulic pump motor                 | 7-1/2HP x 1PC                          |           |
| 機械重量(淨重/毛重)       | Machine weight (NW / GW)             | 2400 / 2700 kgs                        |           |
| 機械尺寸(長x寬x高)(6.2M) | Machine dimensions (L x W x H)(6.2M) | 7630 x 900 x 1700mm                    |           |
| 裝箱尺寸(長x寬x高)(6.2M) | Packing dimensions (L x W x H)(6.2M) | 7730 x 1000 x 1780mm                   |           |

■ 本公司保留產品規格、尺寸、設計特性變更之權利，恕不另行通知。

■ The specifications, dimensions and design characteristics shown in this catalogue are subject to change without prior notice.



# YL-FL-08

## AUTO FINGER JOINTING LINE

An extra value in performance and price



If you need to increase productivity and quality in finger jointing operations, you can consider the YL-FL-08 Auto Finger Jointing Line. The entire machining procedures from workpiece in-feed, left and right shaping to jointing is fast, smooth and accurate. The whole production line is carefully designed and built for maximum dependability year after year.



CUTS INVESTMENT COSTS  
CUTS MACHINING TIME

 A WORLD-CLASS WOODWORKING MACHINERY MANUFACTURER

Precision - Quality - Power - Supply - Control

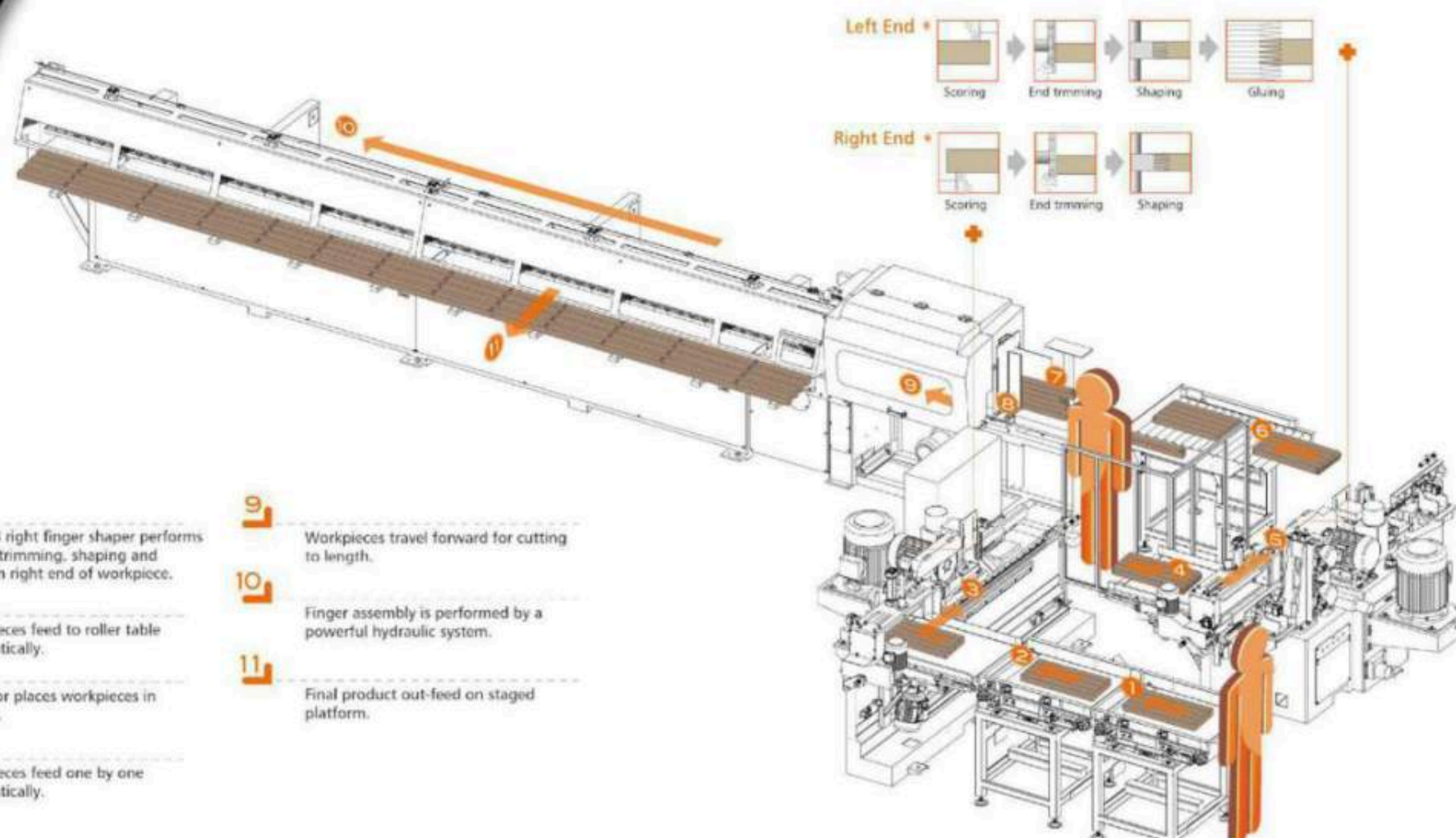






## PRODUCTION FLOW CHART

- 1 Automatic initial in-feeding of workpiece.
- 2 Automatic feed table.
- 3 YL-F-C07 left finger shaper performs scoring, trimming and shaping on left end of workpiece.
- 4 Workpieces automatically travel into right finger shaper.
- 5 YL-F-C08 right finger shaper performs scoring, trimming, shaping and gluing on right end of workpiece.
- 6 Workpieces feed to roller table automatically.
- 7 Operator places workpieces in hopper.
- 8 Workpieces feed one by one automatically.
- 9 Workpieces travel forward for cutting to length.
- 10 Finger assembly is performed by a powerful hydraulic system.
- 11 Final product out-feed on staged platform.



TURN YOUR  
WOOD WASTE INTO  
**VALUABLE  
MATERIAL**



Precision • Quality • Power • Ruggedly Constructed





## YL-F-I29

### Independent Initial Conveyor Table

The specially designed initial conveyor tables are a combination of independent tables. This design permits customers to increase or reduce the quantity of conveyor tables as desired.



## YL-F-C07

### Finger Shaper (Right End)



#### Right Shaping Mechanism

The mechanism performs scoring, trimming and shaping operations on the right end of the workpiece. Scoring blade in front of trimming blade cuts bottom edge to give splinter-free finish. Finger cutters produce smooth finger shape. Cutting capacity: 6 1/4" thickness.



#### Accurate Sawblade Adjustment

The trimming and scoring sawblade position are adjusted on the precision rod guides, which are hard chrome-plated for maximum wear resistance. Micrometers are also provided for accurate indication for adjustment, ensuring superior jointing quality.



#### Frequency Inverted Motor Drive

The feed systems on the right and left finger shapers are driven by an individual frequency inverted motor, providing variable feed speed.



The tables on the right and left finger shapers move on precision linear guide ways in combination with rack/pinion transmission for extra smooth movement.



## YL-F-C08

### Finger Shaper (Left End)

It combines four functions-trimming, scoring, shaping and gluing on left end of the workpiece.



#### Left Shaping Mechanism

The mechanism performs scoring, trimming, shaping and gluing operations on the left end of the workpieces. Scoring blades cut top and bottom edges.



#### Cutter Presetter

A cutter presetter is built on the right shaper for convenient cutter assembly.



## Roller-Type Glue Coating Device (standard)

# 1



## Glue Spraying Device (optional)

# 2

With this device, glue can be uniformly sprayed on the surface of finger joints during feeding. It also features easy cleaning and maintenance.





## YL-F-D16

### Hand Feeding Table (Single Side Open Fence)

- A manually operated roller conveyor table, located between the right finger shaper and the assembly press.
- At this station, the operator may inspect cutting quality produced by finger shapers.



### Accurate Length Setting Via Touch Screen Panel

Length of cut is calculated by an encoder and set on a touch screen for increased accuracy.



### Hopper Loader

The hopper loader is mounted before the assembly press. After shaping, the operator may stack the workpieces in the hopper loader for automatic feed into the assembly press.



## YL-F-A05-6

### Assembly Press

- For jointing lengths over 6.2 meters; the assembly press is designed with two hydraulic cylinders, providing more powerful and faster jointing performance.
- For jointing lengths under 6.2 meters; only a single hydraulic cylinder is equipped.
- Standard jointing length is 4.5 meters.
- Other jointing lengths can be specified.
- A synchronized 2-step process allows the back of the press to continue jointing and cutting to length while the front of the press is performing pressing and out-feeding motions.
- Length of cut is calculated by an encoder.

#### Pneumatically Loaded Feed Rollers

The feed rollers on the assembly press are loaded by air cylinders to achieve smooth and stable feeding at all times.



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| 連續式三角操作彈棍                                                              |                   | YL-480   | YL-900             |
|------------------------------------------------------------------------|-------------------|----------|--------------------|
| Fast, continuous, automatic, 8-Station Roll-Up With Slotted Production | 快速、連續、自動、二角捲式三角彈棍 | 彈棍 3mm   | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 4mm   | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 5mm   | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 6mm   | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 8mm   | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 10mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 12mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 14mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 16mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 18mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 20mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 22mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 24mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 26mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 28mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 30mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 32mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 34mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 36mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 38mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 40mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 42mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 44mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 46mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 48mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 50mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 52mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 54mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 56mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 58mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 60mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 62mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 64mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 66mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 68mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 70mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 72mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 74mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 76mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 78mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 80mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 82mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 84mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 86mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 88mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 90mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 92mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 94mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 96mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 98mm  | 100-120 1/2 吋 x 20 |
|                                                                        |                   | 彈棍 100mm | 100-120 1/2 吋 x 20 |

[illegible]

椅子專用組裝機

### 切斷成型鐵孔機

備二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百

備二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百

備二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百

| Model   | Capacity | Price |
|---------|----------|-------|
| Model A | 1000     | 1000  |
| Model B | 2000     | 2000  |
| Model C | 3000     | 3000  |
| Model D | 4000     | 4000  |
| Model E | 5000     | 5000  |
| Model F | 6000     | 6000  |
| Model G | 7000     | 7000  |
| Model H | 8000     | 8000  |
| Model I | 9000     | 9000  |
| Model J | 10000    | 10000 |

### 切斷成型機乳機

One-Workmen One-Step Single Side Hotting High Accuracy, High Efficiency, 1 second for processing one piece, auto frame, perfect heat, easy to use, control frame size, also used for producing all type of frame.

切斷成型乳機、單人、邊熱、高準確、高效率、1秒、自動框、完美熱、易於使用、控制框尺寸、也可用於生產各種型號的框。

### YL-TF2

|                                 |          |                    |
|---------------------------------|----------|--------------------|
| Working size                    | 工作範圍     | 300*150            |
| Machine size                    | 機器尺寸     | 320*180            |
| Stroke speed                    | 行程速度     | 24000/1min         |
| Working mode                    | 工作模式     | 1.自動模式 2.手動模式      |
| Stroke by switch/automatic/stop | 行程控制     | 1.行程控制 2.行程限位 3.停止 |
| Stroke speed                    | 行程速度     | 24000/1min         |
| Stroke adjustment               | 行程調整     | 10mm               |
| Working                         | 工作範圍     |                    |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 10000 rpm/min      |
| Stroke                          | 行程       |                    |
| Stroke adjustment               | 行程調整     | 10mm               |
| Stroke motor                    | 行程馬達     | 1.5kw              |
| Stroke motor (V)                | 行程馬達 (V) | 220V               |
| Stroke motor                    | 行程馬達     | 1000               |

### CNC自動試模作機

The YL-T72 is a powerful cutting machine for fast and accurate forms. Also, it can save space by other for other parts.

適用於各種的模件加工，可適用於其他機械加工產品。



| Y-axis                   | Z-axis      | Y-axis                   | Y-axis      |
|--------------------------|-------------|--------------------------|-------------|
| Max. travel              | 2500 mm     | Max. travel              | 2500 mm     |
| Max. load                | 2500 kg     | Max. load                | 2500 kg     |
| Max. speed               | 2500 mm/min | Max. speed               | 2500 mm/min |
| Max. accuracy            | ±0.01 mm    | Max. accuracy            | ±0.01 mm    |
| Max. tolerance           | ±0.05 mm    | Max. tolerance           | ±0.05 mm    |
| Max. surface finish      | 0.1 μm      | Max. surface finish      | 0.1 μm      |
| Max. depth of cut        | 10 mm       | Max. depth of cut        | 10 mm       |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. length of cut       | 2500 mm     | Max. length of cut       | 2500 mm     |
| Max. width of cut        | 2500 mm     | Max. width of cut        | 2500 mm     |
| Max. height of cut       | 2500 mm     | Max. height of cut       | 2500 mm     |
| Max. weight of cut       | 2500 kg     | Max. weight of cut       | 2500 kg     |
| Max. volume of cut       | 2500 m³     | Max. volume of cut       | 2500 m³     |
| Max. area of cut         | 2500 m²     | Max. area of cut         | 2500 m²     |
| Max. perimeter of cut    | 2500 m      | Max. perimeter of cut    | 2500 m      |
| Max. surface area of cut | 2500 m²     | Max. surface area of cut | 2500 m²     |

[illegible]

所有產品已榮獲多項專利  
本公司榮獲無數獎項與設計專利之權利，給予其消費者

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### CNC 數控多軸臥槽機

High Precision / High Productivity / CNC Carbon Fiber Parallel Fracture / 適合加工各種碳纖維之高度精確加工



|                         | VL-3                | VL-5D           |
|-------------------------|---------------------|-----------------|
| <b>Working capacity</b> | 加工長度 3000mm x 150mm | 3000mm x 150mm  |
| Maximum capacity        | 5000mm              | 5000mm          |
| Max. vertical depth     | 垂直最大深度 400mm        | 350mm           |
| Max. vertical depth     | 垂直最大深度 400mm        | 350mm           |
| Working speed           | 100mm/min           | 100mm/min       |
| <b>Spindle</b>          | 5-10kw              | 5-10kw          |
| Spindle speed           | 10000-15000 RPM     | 10000-15000 RPM |
| Spindle motor           | 5-10kw              | 5-10kw          |
| Spindle                 | 5-10kw              | 5-10kw          |
| Spindle                 | 5-10kw              | 5-10kw          |
| Spindle                 | 5-10kw              | 5-10kw          |
| <b>Others</b>           | 5-10kw              | 5-10kw          |
| Working speed           | 100mm/min           | 100mm/min       |
| Max. vertical depth     | 400mm               | 350mm           |
| Working speed           | 100mm/min           | 100mm/min       |
| Max. vertical depth     | 400mm               | 350mm           |
| Working speed           | 100mm/min           | 100mm/min       |
| Max. vertical depth     | 400mm               | 350mm           |

### 多軸吊槽機

Double tables on front and back sides providing both sides (convenient to assembled cables)



VL-D3

● 4-6 軸吊槽機  
● 4-6 軸吊槽機  
● 4-6 軸吊槽機

|        | VL-D3     | VL-D4     |
|--------|-----------|-----------|
| 型號     | VL-D3     | VL-D4     |
| 工作範圍   | 3-8 股鋼絲   | 3-8 股鋼絲   |
| 最大工作長度 | 1000mm    | 1000mm    |
| 最大工作直徑 | 12mm      | 12mm      |
| 最大工作重量 | 300kg/m   | 300kg/m   |
| 工作速度   | 400mm/min | 400mm/min |
| 總重量    | 300kg     | 300kg     |
| 總高度    | 1200mm    | 1200mm    |
| 總寬度    | 1200mm    | 1200mm    |
| 總深度    | 1200mm    | 1200mm    |
| 總長度    | 1200mm    | 1200mm    |
| 總重量    | 300kg     | 300kg     |
| 總高度    | 1200mm    | 1200mm    |
| 總寬度    | 1200mm    | 1200mm    |
| 總深度    | 1200mm    | 1200mm    |
| 總長度    | 1200mm    | 1200mm    |

### CNC 45度角開槽機

Applicable to: CNC machining and processing for various  
 The function is: cut horizontal, turning and bending  
 can be accomplished in 1 step.

適用於：各種角度的開槽、  
 一機雙刀切、轉彎、倒角、一次完成。



| English                     | 中文     | Unit     |
|-----------------------------|--------|----------|
| High Precision Table        | 高精度滑台  | 500mm    |
| Turning range (right angle) | 旋轉角度範圍 | 0-360度   |
| Length                      | 長度     | 0-1500mm |
| Thickness                   | 厚度     | 0-400mm  |
| Depth                       | 深度     | 0-20mm   |
| High-precision table        | 高精度滑台  | 500mm    |
| Turning range (right angle) | 旋轉角度範圍 | 0-360度   |
| Length                      | 長度     | 0-1500mm |
| Thickness                   | 厚度     | 0-400mm  |
| Depth                       | 深度     | 0-20mm   |
| High-precision table        | 高精度滑台  | 500mm    |
| Turning range (right angle) | 旋轉角度範圍 | 0-360度   |
| Length                      | 長度     | 0-1500mm |
| Thickness                   | 厚度     | 0-400mm  |
| Depth                       | 深度     | 0-20mm   |
| High-precision table        | 高精度滑台  | 500mm    |
| Turning range (right angle) | 旋轉角度範圍 | 0-360度   |
| Length                      | 長度     | 0-1500mm |
| Thickness                   | 厚度     | 0-400mm  |
| Depth                       | 深度     | 0-20mm   |

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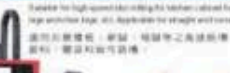
| 雙龍長方體動作訓練機                                                                                                                              |  | 運動器材、健身器材、康樂器材、康樂器材            | VL-010W           | VL-020W           |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|-------------------|-------------------|
| The VL-010W is a motor-powered body assistance operation and fitness equipment, workplace-related and suitable for athletic operations. |  | Length of table<br>運動器材<br>長度  | 1700±20 mm        | 1500±20 mm        |
|                                                                                                                                         |  | Weight capacity<br>最大承重        | 1000 kg / 2200 lb | 1000 kg / 2200 lb |
|                                                                                                                                         |  | Max. motor speed<br>最大速度       | 1200±20 rpm       | 1200±20 rpm       |
|                                                                                                                                         |  | Max. motor torque<br>最大扭力      | 30 N.m            | 40 N.m            |
|                                                                                                                                         |  | Max. motor power<br>最大馬力       | 1500 W            | 1500 W            |
|                                                                                                                                         |  | Max. motor efficiency<br>最大效率  | 25 %              | 25 %              |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
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|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
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|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
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|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
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|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
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|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
|                                                                                                                                         |  | Max. motor noise<br>最大噪音       | 65 dB(A)          | 65 dB(A)          |
|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
|                                                                                                                                         |  | Max. motor vibration<br>最大震動   | 0.5 mm/s          | 0.5 mm/s          |
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|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
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|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           | 1.0 MPa           |
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|                                                                                                                                         |  | Max. motor temperature<br>最大溫度 | 70 °C             | 70 °C             |
|                                                                                                                                         |  | Max. motor humidity<br>最大濕度    | 95 %              | 95 %              |
|                                                                                                                                         |  | Max. motor pressure<br>最大壓力    | 1.0 MPa           |                   |

| 長方桿刨床規格                                                                             |  | YL-118                             |                      |
|-------------------------------------------------------------------------------------|--|------------------------------------|----------------------|
| 8" Modular Machine for Planing Rectangular Section                                  |  | Model number:                      | YJ-118               |
| 8" 長方桿刨床加工型號                                                                        |  | Maximum length                     | 1100mm               |
|  |  | Maximum weight                     | 100kg                |
|                                                                                     |  | Power                              | 2.2kw                |
|                                                                                     |  | Motor speed                        | 1450rpm              |
|                                                                                     |  | Motor type                         | Single phase         |
|  |  | Section type                       | Rectangular          |
|                                                                                     |  | Material                           | Wood                 |
|                                                                                     |  | Dimension                          | 8" x 18"             |
|                                                                                     |  | Color                              | Black                |
|  |  | Others                             | Yes                  |
|                                                                                     |  | Service time / After-sales service | 24 hours / 24 hours  |
|                                                                                     |  | Overhaul and maintenance           | Yes                  |
|                                                                                     |  | Working as accessories             | Yes                  |
|  |  | Net weight / Gross weight          | 100kg / 100kg        |
|                                                                                     |  | Machine dimension                  | 1100 x 1100 x 1000mm |
|                                                                                     |  | Shipping dimension                 | 1100 x 1100 x 1000mm |
|                                                                                     |  |                                    |                      |

### CNC 數控多軸設備

Enables the high-speed cutting for various curved surfaces, like large arches, pipes, etc. Available for straight and curved work.

適用於數控車削、鉋削、鉋削等之各種結構。如：拱形、彎曲等之各種結構。



|                         | YL-2                 | YL-30                 |
|-------------------------|----------------------|-----------------------|
| <b>Cutting capacity</b> |                      |                       |
| Maximum work piece size | Φ1200 (mm)           | 1000 (mm) × 1000 (mm) |
| Capacity of spindle     | 4 (kg/min)           | 20 (kg/min)           |
| Max. rotation speed     | 6000 (rpm/min)       | 3000 (rpm/min)        |
| Max. rotation depth     | 100 (mm)             | 100 (mm)              |
| Working weight          | 110 (kg)             | 100 (kg)              |
| <b>Options</b>          |                      |                       |
| Control system          | 3 (axis)             | 5 (axis) or 6 (axis)  |
| Spindle motor           | 9 (kW) or 15 (kW)    | 22 (kW) or 30 (kW)    |
| Y-axis                  | 2 (axis)             | 2 (axis) or 3 (axis)  |
| Z-axis                  | 2 (axis)             | 2 (axis) or 3 (axis)  |
| Control                 | 2 (axis)             | 2 (axis) or 3 (axis)  |
| <b>Accessories</b>      |                      |                       |
| Control system          | 3 (axis) or 5 (axis) | 5 (axis) or 6 (axis)  |
| Spindle motor           | 9 (kW) or 15 (kW)    | 22 (kW) or 30 (kW)    |

\* Please contact the sales office for more details.

[illegible]

### CNC多功能開料裁機

The machine is designed for processing various materials, allowing for producing various size products as below:

1. Edge of Square plate  
斜邊 45° 開料機

2. Edge of square plate  
斜邊 45° 開料機

3. Edge of Square Plate  
斜邊 45° 開料機

| 項目 | 名稱         | 規格        |
|----|------------|-----------|
| 1  | 斜邊 45° 開料機 | 1000x1000 |
| 2  | 斜邊 45° 開料機 | 1000x1000 |
| 3  | 斜邊 45° 開料機 | 1000x1000 |
| 4  | 斜邊 45° 開料機 | 1000x1000 |
| 5  | 斜邊 45° 開料機 | 1000x1000 |
| 6  | 斜邊 45° 開料機 | 1000x1000 |
| 7  | 斜邊 45° 開料機 | 1000x1000 |
| 8  | 斜邊 45° 開料機 | 1000x1000 |
| 9  | 斜邊 45° 開料機 | 1000x1000 |
| 10 | 斜邊 45° 開料機 | 1000x1000 |
| 11 | 斜邊 45° 開料機 | 1000x1000 |
| 12 | 斜邊 45° 開料機 | 1000x1000 |
| 13 | 斜邊 45° 開料機 | 1000x1000 |
| 14 | 斜邊 45° 開料機 | 1000x1000 |
| 15 | 斜邊 45° 開料機 | 1000x1000 |
| 16 | 斜邊 45° 開料機 | 1000x1000 |
| 17 | 斜邊 45° 開料機 | 1000x1000 |
| 18 | 斜邊 45° 開料機 | 1000x1000 |
| 19 | 斜邊 45° 開料機 | 1000x1000 |
| 20 | 斜邊 45° 開料機 | 1000x1000 |
| 21 | 斜邊 45° 開料機 | 1000x1000 |
| 22 | 斜邊 45° 開料機 | 1000x1000 |
| 23 | 斜邊 45° 開料機 | 1000x1000 |
| 24 | 斜邊 45° 開料機 | 1000x1000 |
| 25 | 斜邊 45° 開料機 | 1000x1000 |
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| 30 | 斜邊 45° 開料機 | 1000x1000 |
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| 47 | 斜邊 45° 開料機 | 1000x1000 |
| 48 | 斜邊 45° 開料機 | 1000x1000 |
| 49 | 斜邊 45° 開料機 | 1000x1000 |
| 50 | 斜邊 45° 開料機 | 1000x1000 |
| 51 | 斜邊 45° 開料機 | 1000x1000 |
| 52 | 斜邊 45° 開料機 | 1000x1000 |
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| 55 | 斜邊 45° 開料機 | 1000x1000 |
| 56 | 斜邊 45° 開料機 | 1000x1000 |
| 57 | 斜邊 45° 開料機 | 1000x1000 |
| 58 | 斜邊 45° 開料機 | 1000x1000 |
| 59 | 斜邊 45° 開料機 | 1000x1000 |
| 60 | 斜邊 45° 開料機 | 1000x1000 |
| 61 | 斜邊 45° 開料機 | 1000x1000 |
| 62 | 斜邊 45° 開料機 | 1000x1000 |
| 63 | 斜邊 45° 開料機 | 1000x1000 |
| 64 | 斜邊 45° 開料機 | 1000x1000 |
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| 66 | 斜邊 45° 開料機 | 1000x1000 |
| 67 | 斜邊 45° 開料機 | 1000x1000 |
| 68 | 斜邊 45° 開料機 | 1000x1000 |
| 69 | 斜邊 45° 開料機 | 1000x1000 |
| 70 | 斜邊 45° 開料機 | 1000x1000 |
| 71 | 斜邊 45° 開料機 | 1000x1000 |
| 72 | 斜邊 45° 開料機 | 1000x1000 |
| 73 | 斜邊 45° 開料機 | 1000x1000 |
| 74 | 斜邊 45° 開料機 | 1000x1000 |
| 75 | 斜邊 45° 開料機 | 1000x1000 |
| 76 | 斜邊 45° 開料機 | 1000x1000 |
| 77 | 斜邊 45° 開料機 | 1000x1000 |
| 78 | 斜邊 45° 開料機 | 1000x1000 |
| 79 | 斜邊 45° 開料機 | 1000x1000 |
| 80 | 斜邊 45° 開料機 | 1000x1000 |
| 81 | 斜邊 45° 開料機 | 1000x1000 |
| 82 | 斜邊 45° 開料機 | 1000x1000 |





#### 第一模式

- CNC標準模式，可輸入G碼M碼標準指令CAD/CAM位置座標傳輸。

#### FIRST MODE

- A standard CNC mode which requires input of standard commands of G code and M code and transmission of CAD/CAM position coordinate.



#### 第二模式

- 教導式模式，只須在加工位置填入數值及運動方式即可完成加工。

#### SECOND MODE

- A teach-in mode that only requires to fill values and movement method at the machining position, then operation will be performed.



#### 雙主軸模式

- 可同時加工兩件工作物件或單一工作物件，使用雙刀頭交替加工雕刻。

#### DOUBLE SPINDLE MODE

- By using two spindles machining alternately, the machine can cut two workpieces simultaneously or a single workpiece.

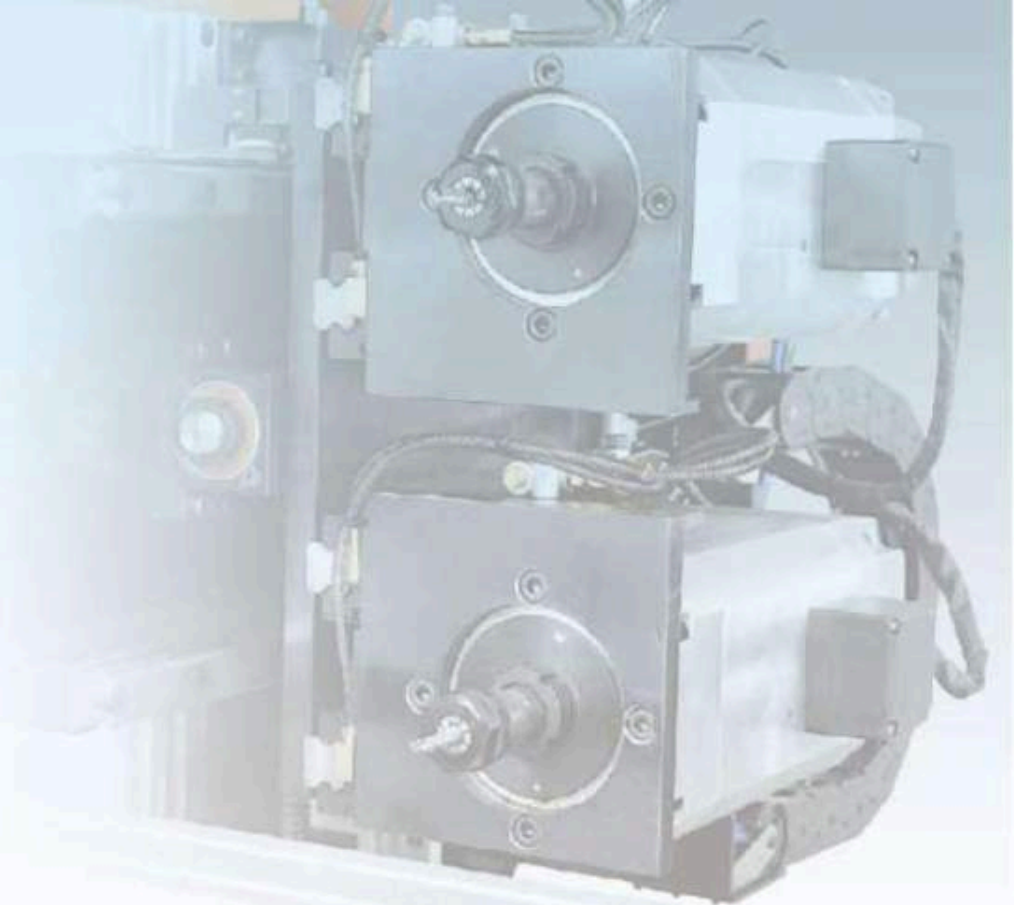


#### 加工範例

- 椅腳、椅背、樺槽、溝槽、樺孔同時加工長條木型雕刻、雕花、雕字

#### MACHINING EXAMPLES

- Simultaneous machining for chair legs, chair backs, mortise grooves, grooves and mortise holes. Also, ideal for general carving, patter carving and words carving on long piece of wood.



## YL-120 雙主軸臥式CNC CNC Router (Double Spindle; Horizontal)



#### 機器特性：

- 最適合用在餐桌椅、樺槽、溝槽、雕刻、雕花、雕字。
- 全機安裝精密線性滑軌及滾珠導螺桿，加裝自動潤滑系統，使機台耐用度更長。
- 使用穩定度高的控制器搭配伺服馬達，做出高速度精準的切削加工。
- 使用填入式電腦操作，不需寫指令繪圖，不用專業人員也會操作，也可換成CNC狀態。
- 兩軸同時加工，一次加工二物件。
- 左右台面設計右邊加工左邊上下料，左邊加工右邊上下料。

#### Machine Features:

- Suitable for mortising, grooving, general carving, pattern carving, and words carving for dining table and chair.
- This machine is mounted with high precision linear motion guides and ball screws and equipped with an automatic lubrication system for dramatic increase in service life.
- Equipped with a stable controller combined with the use of servo motor, the machine provides high speed, high accuracy cutting operations.
- Filling-in type computer operation without need to write commands and draw. A non-professional personnel can operate the machine, which is available to convert into a CNC condition.
- Two spindles work simultaneously, allowing two workpieces to be machined at a time.
- Designed with right and left tables. When performing machining on the right table, the operator may load/unload workpiece on the left table. While machining on the left table, the operator may load/unload workpiece on the right table.



# 規格表 Specifications

## YL-120

雙主軸臥式CNC CNC Router (Double Spindle; Horizontal)

| 項目           | ITEM                     |                       |
|--------------|--------------------------|-----------------------|
| 最大加工寬度       | Maximum working width    | 150 mm                |
| 最大加工長度       | Maximum working length   | 1200 mm               |
| 控制器          | Controller               | PC basic              |
| 螢幕           | Monitor                  | 液晶LCD 19"             |
| X軸伺服馬力       | X-axis servo horsepower  | 2 KW                  |
| Y軸伺服馬力       | Y-axis servo horsepower  | 750 W                 |
| Z軸伺服馬力       | Z-axis servo horsepower  | 400 W                 |
| 主軸馬力         | Spindle motor horsepower | 3 HP x 2              |
| 裝箱尺寸 (長x寬x高) | Packing size (L x W x H) | 3910 x 1450 x 2190 mm |
| 淨重/毛重        | N.W./G.W.                | 1800 / 2160 kg        |

- 型錄之規格如有變更，恕不另行通知。
- Specifications subject to change without prior notice.

**YL-120** 雙主軸臥式CNC  
CNC Router  
(Double Spindle; Horizontal)





Precision 精密

Easy to Operate 操作最簡易

Advanced 先進

## CNC HIGH SPEED DOVETAILER 4.0 第4代CNC高速三角榫機

### YL-300N

一向不斷創新突破的陸驛公司，再度精心研發CNC高速三角榫機。在當今企業高度競爭的時代，讓您擁有更佳的競爭力。本機比起前2代機型擁有更簡易的操作方式，可生產更多樣的榫型結構，大幅提升產品附加價值。

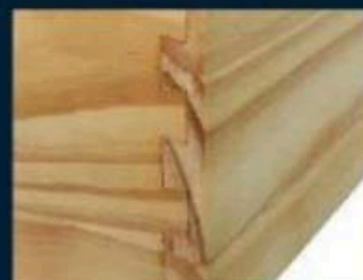
Based on the concept of constant innovation and breakthrough, WAYLONG has successfully developed a CNC high speed dovetailer. In today's highly competitive era, this machine is designed to help customers to stay competitive. It features easier operation than the previous two generations of machines. Furthermore, the machine is capable of producing a wide variety of tenon shapes that contributes to dramatically upgrade product value.





## 特性

- 眾廠牌中唯一使用CNC控制器，可透過程式編輯，以執行特殊功能。
- 操作最簡易，對話式填入，不須編寫程式，在最短時間內將產品上線。
- 最先進、壽命最長的高轉速主軸頭，可使切削面更光滑，接榫更緊密，生產夾板時不會產生撕裂現象。
- 榫頭尺寸可隨意調整，大榫頭可縮短加工時間。
- 可生產四方形榫頭、梯形公母榫、法式榫及尺寸自訂無規則的鳩尾榫。



圖形加工範例  
Machining examples of graph

## FEATURES

- A machine that only uses CNC controller among the competitors, which can perform special functions through program editing.
- Very easy to operate. Conversational filling in of parameters without need to edit programs, allowing products to be launched to market in a short time.
- The most advanced and the longest life high speed spindle head provides smoother cutting surface and tighter tenon jointing effect. No tearing when working on plywood.
- Tenon size can be adjusted as desired. Greatly shorten machining time especially when producing big tenons.
- Available to produce square tenons, trapezoid tenons and mortises, French type tenons and irregular dovetailed tenons.

## 規格表 SPECIFICATIONS

| 項目           | ITEM                      | YL-300N              |
|--------------|---------------------------|----------------------|
| 控制系統         | Control system            | SYNTEC PC            |
| X軸伺服馬達       | X-axis servo motor        | 400W                 |
| Y軸伺服馬達       | Y-axis servo motor        | 400W                 |
| 主軸馬達         | Spindle motor             | 2.2 KW               |
| 主軸轉速         | Spindle speed             | 20000 RPM            |
| 最大加工寬度       | Maximum working width     | 800 mm               |
| 最大加工厚度       | Maximum working thickness | 25 mm                |
| 集塵孔          | Dusthood outlet           | Ø3" x 1孔             |
| 機械尺寸         | Machine size              | 1950 x 800 x 1200 mm |
| 裝箱尺寸 (長x寬x高) | Packing size              | 2100 x 950 x 1350 mm |
| 淨重/毛重        | N.W./G.W.                 | 900 / 1050 kgs       |

- 型錄之規格如有變更，恕不另行通知。
- Specifications subject to change without prior notice.

# YL-300N

## CNC HIGH SPEED DOVETAILER 4.0 第4代CNC高速三角榫機



A Leading Brand Name of Dovetailers.  
Extremely high production efficiency.  
Advanced design. Suitable for various wood materials (solid wood, plywood and MDF.)  
鳩尾榫機領導品牌、生產效率最快  
設計最先進的機種、適用各種木材  
(實木、夾板、MDF.)



# YL-330

## CNC HIGH SPEED DOVETAILER CNC高速三角榫機



Precision, Advanced, Easy to Operate.  
精密 先進 操作簡易



Suitable for machining on flat and curved wood.  
專業適用平面、曲木之加工



### 規格表 SPECIFICATIONS

| 項目          | ITEM                      | YL-330                |
|-------------|---------------------------|-----------------------|
| 控制系統        | Control system            | SYNTEC PC             |
| X軸伺服馬達      | X-axis servo motor        | 400W                  |
| Y軸伺服馬達      | Y-axis servo motor        | 400W                  |
| 主軸馬達        | Spindle motor             | 2.2 KW                |
| 主軸轉速        | Spindle speed             | 20000 RPM             |
| 最大加工寬度      | Maximum working width     | 600 mm                |
| 最大加工厚度      | Maximum working thickness | 30 mm                 |
| 集塵孔         | Dusthood outlet           | Ø3" x 1孔              |
| 機械尺寸        | Machine size              | 1750 x 950 x 1250 mm  |
| 裝箱尺寸(長x寬x高) | Packing size              | 1900 x 1020 x 1400 mm |
| 淨重 / 毛重     | N.W. / G.W.               | 900 / 1050 kgs        |

■ 型錄之規格如有變更，恕不另行通知。  
■ Specifications subject to change without prior notice.





使用觸控螢幕CNC控制器，  
可以讓機器加工運作更順暢，  
精準、速度快、提升產能。

Using the Touch Screen CNC controller,  
to make the machine's operate more smoothly,  
accurately, fast speed and productivity raising.



自行開發的圖形操作介面，左右平台可做  
不同形狀尺寸的榫頭加工，也可使操作者  
快速調整好機台完成加工前的調機動作。

Self-developed graphical user interface, the  
both side platform can do different shapes  
and sizes of tenon at the same time.  
The operator can adjust the machine quickly  
let the pre-process complete early.



**萬用夾具設計 (Universal clamp)**

側邊夾具可針對曲型木板及不規則木板做夾持，  
不須做模板固定，就可便利夾持做加工。  
Universal clamp fit for any shape of wood,  
you don't need to use template to fix it  
before your work.



More option tools can be applied for flexible machine

**便利的主軸設計 (Flexible spindle)**

方便換刀的主軸，可依照不同的形狀  
訂制形刀，做自己要的造型。  
We design flexible spindle.  
You can customize the knife as to your  
different shapes requirement and  
change it freely.



## YL-350 CNC高速銑榫機 CNC High Speed Tenoning Machine

### 特 性

1. 採用高精度伺服馬達搭配CNC三軸控制器，確保高速高精度的定位控制。
2. 使用彩色人機圖形介面，讓操作人員能輕易的將欲加工的尺寸、形狀、位置傳達給機械，縮短調機時間及減少調機時木料之損耗。
3. 高剛性、高轉速主軸頭，最高轉速達8500 RPM，使切削面更光滑，精度等級更高。
4. 全機採用高精度的線性滑軌及滾珠導螺桿，使動作順暢，加工迅速。
5. 可生產圓榫、方榫、橢圓榫、斜榫，可選擇單一工作檯或雙邊工作檯做不同形狀、尺寸加工，為提昇品質，創造利潤的好幫手。

### FEATURES

1. Employs high precision servo motor combined with CNC 3-axis controller for high speed, high precision positioning control.
2. The machine is equipped with a Human-machine graphic interfacing control panel, providing maximum convenience for setting size, shape and position. It also reduces setting time and saves wood material waste during cutting test.
3. High rigidity, high speed spindle stock provides maximum speed up to 8500 RPM, assuring extra fine surface of cut and high accuracy.
4. Employs high precision linear motion guides combined with precision ball screws for extremely smooth motions and fast machining.
5. The machine is suitable for producing round, square, elliptical and bevel tenons. The selection of single or double table working to do different shape, size of tenon, upgrades machining quality and profits.



## 規格表 Specifications

### YL-350

#### CNC高速銑榫機 CNC High Speed Tenoning Machine

| 項目     | ITEM                     |                       |
|--------|--------------------------|-----------------------|
| 榫頭最大寬度 | Maximum tenon width      | 200 mm                |
| 榫頭最大厚度 | Maximum tenon thickness  | 135 mm                |
| 榫頭最大長度 | Maximum tenon length     | 45 mm (90, 120) 選購    |
| 螢幕     | Monitor                  | 8" 觸控螢幕 touch screen  |
| 控制器    | Controller               | CNC                   |
| X軸伺服馬力 | X-axis servo horse power | 750 W                 |
| Y軸伺服馬力 | Y-axis servo horse power | 750W                  |
| 主軸馬力   | Spindle motor            | 5.5 kw                |
| 主軸轉速   | Spindle speed            | 8,500 RPM             |
| 集塵孔    | Dust hood outlet         | 4" x 3                |
| 機械尺寸   | Machine size (Lx Wx H)   | 1780 x 1050 x 1700 mm |
| 裝箱尺寸   | Packing size (Lx Wx H)   | 1900 x 1150 x 1740 mm |
| 淨重/毛重  | N.W. / G.W.              | 900 / 1100 kgs        |

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榫頭範例 Tenon example



切角加工 Angle cutting



### YL-350 CNC高速銑榫機

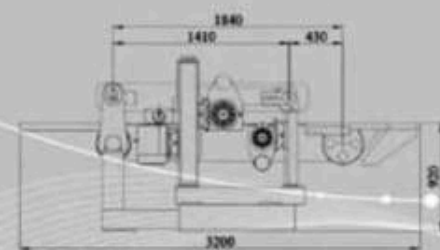
#### CNC High Speed Tenoning Machine

先進設計，操作簡易！ CNC控制，精密作榫！

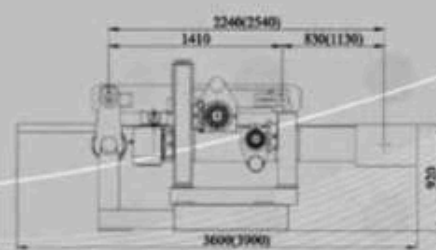
Advanced Design, Easy to Operate!

CNC Control, Precision Tenoning!

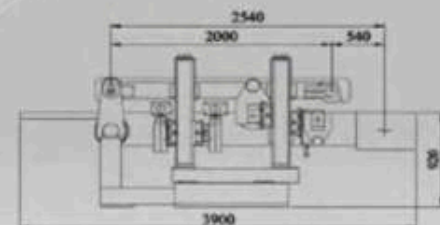




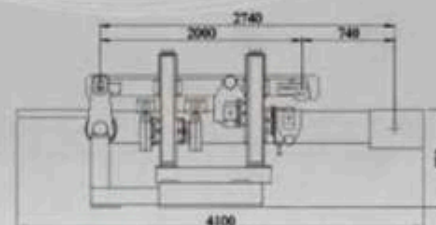
YL-H4/H6 标准尺寸图



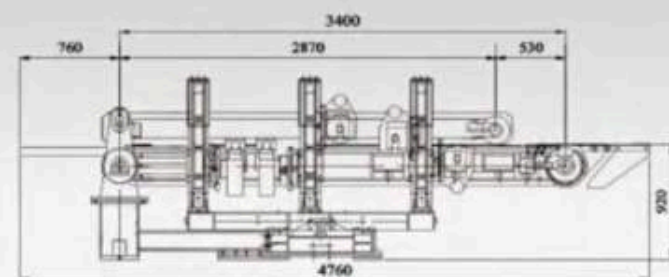
YL-H4/H6 下压梁加长尺寸图



YL-H8 标准尺寸图



YL-H8 下压梁加长尺寸图



YL-H10/H12 标准尺寸图

## 双端作榫机系列



### 我们提供

高品质产品  
高效率产品  
可靠性产品  
专业顾问工程  
专业售后服务

| 型 號        |                             | YL-H4<br>(YL-22)                                                        | YL-H6<br>(YL-23)                                                              | YL-H8<br>(YL-24)       | YL-H10<br>(YL-25)      | YL-H12<br>(YL-26)      |
|------------|-----------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------|------------------------|------------------------|
| 工作头数量      | pcs                         | 4(2+2)                                                                  | 6(3+3)                                                                        | 8(4+4)                 | 10(5+5)                | 12(6+6)                |
| 最大加工宽度     | mm(ft)                      | 1300(4) / 2000(6) / 2600(8) / 3200(10) / 4000(12) / 5000(16) / 6000(20) |                                                                               |                        |                        |                        |
| 最小加工宽度(双边) | mm(in)                      | 220(8-5/8) option 175(6-7/8)                                            |                                                                               |                        |                        |                        |
| 最小加工宽度(单边) | mm(in)                      | 110(4-3/8) option 90(3-1/2)                                             |                                                                               |                        |                        |                        |
| 最大加工厚度     | mm(in)                      | 100(2-3/8) option / 120(4-3/4) / 150(5)                                 |                                                                               |                        |                        |                        |
| 槽切锯系统      | 马达<br>主轴转速<br>主轴尺寸<br>锯片尺寸  | hp<br>rpm<br>mm<br>mm                                                   | H:2 option 3 / 5 / 7.5<br>H:3000<br>H:25.4 x 82L<br>255 x 25.4 x 3.0 mm x T80 |                        |                        |                        |
| 主锯系统       | 马达<br>主轴转速<br>主轴尺寸<br>锯片尺寸  | hp<br>rpm<br>mm<br>mm                                                   | H:5 option 7.5<br>H:3000<br>H:25.4x82L<br>255 x 25.4 x 3.0 mm x T80           |                        |                        |                        |
| 成型系统       | 马达<br>主轴转速<br>主轴尺寸<br>刀具外径  | hp<br>rpm<br>mm<br>mm                                                   | H:5 option 7.5<br>H:6000<br>H:40x120L<br>H:140-160                            |                        |                        |                        |
| 三角环带砂光系统   | 马达<br>砂带尺寸<br>需要马力          | hp<br>inch                                                              | H: 2<br>4" x 60"/ 84"/ 98"<br>25w x 1/36                                      |                        |                        |                        |
| 链条系统       | 马达<br>进给速度<br>档块间距<br>链条正反转 | hp<br>m/min<br>mm                                                       | 2                                                                             | 2                      | 3                      | 5                      |
| 移动系统       | 马达<br>进给速度                  | hp<br>m/min                                                             | 2                                                                             | 2                      | 1                      | 2                      |
| 重量         | 净重<br>毛重                    | kgs<br>kgs                                                              | 3700~6000<br>4100~6400                                                        | 3800~6100<br>4200~6500 | 5000~7300<br>5400~7700 | 5100~7400<br>5500~7800 |
| 尺寸         | 机器尺寸<br>包装尺寸                | mm<br>mm                                                                | 3400~8100 x 3200~4200<br>3520~8220 x 2270~1900                                |                        |                        |                        |

We reserve the right for technical modification.



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# YL-H6 系列 YL-CE 认证系列

## 双端作榫机



### 标准配备



**高精密线性滑轨**  
可使X轴于宽大的基座上移动时  
亦能形成完美的平行



**进给链条装置**  
配备精密履带链条，此履带链条  
装置防尘及免润滑之针状轴承  
(厂牌:德国INA)



**人机介面自动定位装置**  
人机介面控制，尺寸调整包含公  
制、英制及台制多种选择。而且  
无须微调。  
(厂牌:德国西门子)



**出料端双侧压轮**



**槽切锯系统**  
2HP(特殊要求3/5 HP)  
主轴转速:3000 rpm (50 HZ)  
主轴尺寸:Ø25.4 x 82 mm



**主锯系统**  
5HP(特殊要求7.5 HP)  
主轴转速:3000 rpm (50HZ)  
主轴尺寸:Ø25.4 x 82 mm



**立轴系统**  
5HP(特殊要求7.5HP)  
主轴转速:6000 rpm (50HZ)  
主轴尺寸:Ø40 x 120 mm (L)  
特殊附件:跳刀装置



**立轴系统(变频马达)**  
5HP(特殊要求7.5HP)  
主轴转速:3000/6000 rpm (60/120HZ)  
主轴尺寸:Ø40 x 120 mm (L)  
特殊附件:跳刀装置



# YL-H8 系列 YL-CE 认证系列

## 双端作榫机



### 特殊配备



**中央支撑架**  
适用于长板材以避免板材下垂或弯曲。



**立轴加装气压式上下导板**  
附加调压阀可微调压力



**自动送料架**  
加工长度:220~1300/2000/2600 mm  
加工宽度:80~150 mm  
加工高度:8~60 mm  
送料架加工高度:500 mm



**余料输送机**



**成型三角砂光座**  
砂带驱动马力: 2HP  
砂带尺寸: 4" x 98" / 84"  
震盪马: 25w x 1/36



**环带砂座带补偿**  
砂带驱动马力: 2HP,  
心轴: 1" x 4"  
附震盪马达  
附自动补偿



**上下鉋**  
5HP(特殊要求7.5HP)  
主轴转速:3600/7200 rpm (60/120HZ)  
主轴尺寸:Ø40 x 120 mm



**槽切系统含跳刀装置**



# YL-H 系列 YL-CE 认证系列

## 型号识别

### 用途

双端作榫机是专为製造板类及实木家具的厂商所设计，除可作双边裁板定寸之功能外，亦可作公母榫，并视工作头功能，可做轮廓成型、曲边砂光、切边角、鉋圆角等种种边缘工作，于大量生产中发挥一连串的实务功能。

双端作榫机于纵向加工时工作长度是没有限制的。  
本机最小加工宽度为220 mm (特殊要求可为175 mm)。  
最大加工宽度为1300/2000/2600/3200/4000/5000/6000 mm。  
本机最大加工厚度为60 mm (特殊要求可为100/120/150 mm)

本机适用于实木及板类家具，如：OA办公家具、厨房家具、门窗设备及实木/複合式地板生产等。

### 特性

- 厚实且稳固的结构可确保机器进行定时、直角及开榫加工时拥有高精密度及高产能。
- 高高精密线性滑轨：基座的移动採用高精密之线性滑轨，可确保X轴移动时能形成完美的平行。
- 进给链条装置：配备精密履带链条，此履带链条装置採防尘及免润滑之针状轴承，可确保Y轴移动时形成完美的平行线。
- 高精密线性滑轨+进给链条装置，促成机器呈现双十字的运动，以保证其直角度。
- 进给链条上配备高精密针状轴承，保证5年防尘及免润滑。
- 人机介面自动定位装置：人机介面控制，尺寸调整包含公制、英制及台制等多种选择，而且无须微调。

#### CE标准安全配件



#### YL-H 系列



#### YL-CE 认证系列



### 特殊附件

- 安全消音罩
- 上压樑与进给链条轴心间距由430mm增加至830/1130mm (4轴及6轴机型)
- 上压樑与进给链条轴心间距由540mm增加至740mm (8轴机型)
- 槽切锯马达由2HP增加至3/5HP
- 主锯马达由5HP增加至7.5HP
- 立轴马达由5HP增加至7.5HP
- 立轴马达改成台湾变频马达+变频器
- 立轴马达增加至7.5HP并改成台湾变频马达+变频器
- 进给链条块由橡胶板更改为珍珠板
- 自动送料架
- 进料端辅助进料装置
- 增加进给链条挡块
- 进料强化轨道
- 立轴加装气压式上下导板
- 槽切锯加装跳刀装置
- 立轴加装伺服電動缸跳刀装置
- 槽切及主锯加装预修刀(固定端公榫部分)
- 地板刀
- 捣碎锯
- 最小加工宽度改为175mm
- 移动端导螺杆手动润滑系统
- 移动端导螺杆自动润滑系统
- 电动式上樑升降
- 出料端加装侧压轮装置
- 上樑进料端加装辅助进料轮
- 回料装置
- 餘料装置

### 标准附件

- 人机介面式自动宽度定寸装置
- 厚度调整读数表x2只
- 垂直调整读数表x6只
- 水平调整读数表x6只
- 进给链条橡胶板披复
- 红外线照射灯
- 槽切锯片：255 x 25.4 x 3.0 mm x T80
- 主锯锯片：255 x 25.4 x 3.0 mm x T80
- 工具箱
- 操作手册



## 標準附件

- 人机介面自动操作模式
- 厚度调整读数表
- 垂直水平调整读数表
- 水平调整读数表
- 进给链条橡胶板披覆
- 红外线照射灯
- 工具箱
- 操作手册

## 特殊附件

- 安全罩
- 上压梁与进给链条轴心间距由750 MM增加至1350/1950 MM
- 立轴马达改为变频马达+变频器
- 立轴加装气压式上下导板
- 槽切锯加装跳刀装置
- 立轴加装伺服电动缸跳刀装置
- 捣碎锯
- 移动端导螺杆自动润滑系统
- 餘料装置
- 电动式上梁升降

## Standard Attachment

- Auto. Positioning device for movable stand to control working width.
- Digital readout device for thickness adjustment of double side
- Digital readout device for vertical adjustment of working heads
- Digital readout device for horizontal adjustment of working heads
- Feed chain track with rubber pad
- Laser light
- Tool box
- Operation manual

## Optional Attachment

- Safety cabinet
- Distance between center of bottom chain track and top belt pulley change from 750 mm to 1350/1950 mm
- Moulding saw change to hi-frequency motor with inverter
- Moulding unit with pneumatic top pressure pad + bottom support
- Jumping device for scoring saw unit.
- Jumping device with servo electric cylinder for moulding unit
- Hogging cutters
- Auto. lubrication for movable stand ball screw
- Chip conveyor
- Auto. adjustment for top pressure beam

| 型 號           | MODEL                               | YL-L8<br>(YL-24)                                            | YL-L10<br>(YL-25) | YL-L12<br>(YL-26) | YL-L14<br>(YL-27) | YL-L16<br>(YL-28) |
|---------------|-------------------------------------|-------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| 工作头数量         | Working units                       | 8(4+4)                                                      | 10(5+5)           | 12(6+6)           | 14(7+7)           | 16(8+8)           |
| 最大加工宽度        | Max. working width                  | 1300 / 2000 / 2600 / 3200 / 4000 / 5000 / 6000 (mm(ft))     |                   |                   |                   |                   |
| 最小加工宽度(双边)    | Min. working width (on double side) | 220(8-5/8) option 175(6-7/8) (mm(in))                       |                   |                   |                   |                   |
| 最小加工宽度(单边)    | Min. working width (on single side) | 110(4-3/8) option 90(3-1/2) (mm(in))                        |                   |                   |                   |                   |
| 最大加工厚度        | Max. working thickness              | 60(2-9/25) option 100(3-8/9) / 120(4-3/4) / 150(5) (mm(in)) |                   |                   |                   |                   |
| 槽切锯系统 马达      | Scoring saw unit Motor              | 2 option 3 / 5 / 7.5 (hp)                                   |                   |                   |                   |                   |
| 主轴转速          | Spindle speed                       | 3000 rpm                                                    |                   |                   |                   |                   |
| 主轴尺寸          | Spindle dimension                   | 25.4 x 82 L (mm)                                            |                   |                   |                   |                   |
| 锯片尺寸          | Sawblade dimension                  | 255 x 25.4 x 3.0 mm x T80 (mm)                              |                   |                   |                   |                   |
| 主锯系统 马达       | Main sawing unit Motor              | 5 option 7.5 (hp) / 10 (hp)                                 |                   |                   |                   |                   |
| 主轴转速          | Spindle speed                       | 3000 (rpm)                                                  |                   |                   |                   |                   |
| 主轴尺寸          | Spindle dimension                   | 25.4 x 82 L (mm)                                            |                   |                   |                   |                   |
| 锯片尺寸          | Sawblade dimension                  | 255 x 25.4 x 3.0 mm x T80 (mm)                              |                   |                   |                   |                   |
| 成型系统 马达       | Moulding unit Motor                 | 5 option 7.5 / 10 / 12 / 15 (hp)                            |                   |                   |                   |                   |
| 主轴转速          | Spindle speed                       | 6000 option 8000 (rpm)                                      |                   |                   |                   |                   |
| 主轴尺寸          | Spindle dimension                   | 40 x 120L (mm)                                              |                   |                   |                   |                   |
| 刀具外径          | Cutter dimension                    | 140-160/220-240 (mm)                                        |                   |                   |                   |                   |
| 三角环带砂光系统 马达   | Belt sanding unit Motor             | 2 (hp)                                                      |                   |                   |                   |                   |
| 砂带尺寸          | Sanding belt size                   | 4" x 60"/ 84"/ 98" (inch)                                   |                   |                   |                   |                   |
| 震盪马力          | Vibration power                     | 25w x 1/36                                                  |                   |                   |                   |                   |
| 海绵轮/环带砂光系统 马达 | Roller / disc sanding unit Motor    | 2 (hp)                                                      |                   |                   |                   |                   |
| 砂带尺寸          | Sanding belt size                   | 4" x 42" (海绵轮砂光 sponge sanding unit)                        |                   |                   |                   |                   |
| 自动补偿          | Auto. compensation                  | 仅限碟型砂光系统 disc sanding only                                  |                   |                   |                   |                   |
| 链条系统 马达       | Chaintrack system Motor             | 5 / 7.5 (hp)                                                |                   |                   |                   |                   |
| 进给速度          | Feed speed                          | 6-24 (m/min)                                                |                   |                   |                   |                   |
| 档块间距          | Distance between dogs               | 600 (mm)                                                    |                   |                   |                   |                   |
| 链条正反转         | Normal/Reversible                   | 标准配备 Standard                                               |                   |                   |                   |                   |
| 移动系统 马达       | Movable side Motor                  | 1 (hp)                                                      |                   |                   |                   |                   |
| 进给速度          | Feed speed                          | 2 (m/min)                                                   |                   |                   |                   |                   |

We reserve the right for technical modification

## 重型双端作榫机系列 DOUBLE END TENONER LUXURY CLASS



### 我们提供

高品质产品  
高效率产品  
可靠性产品  
专业顾问工程  
专业售后服务

### We support to provide

High quality production  
High efficiency products  
Reliable products  
Specialized consulting & engineering  
Expert after-sales service

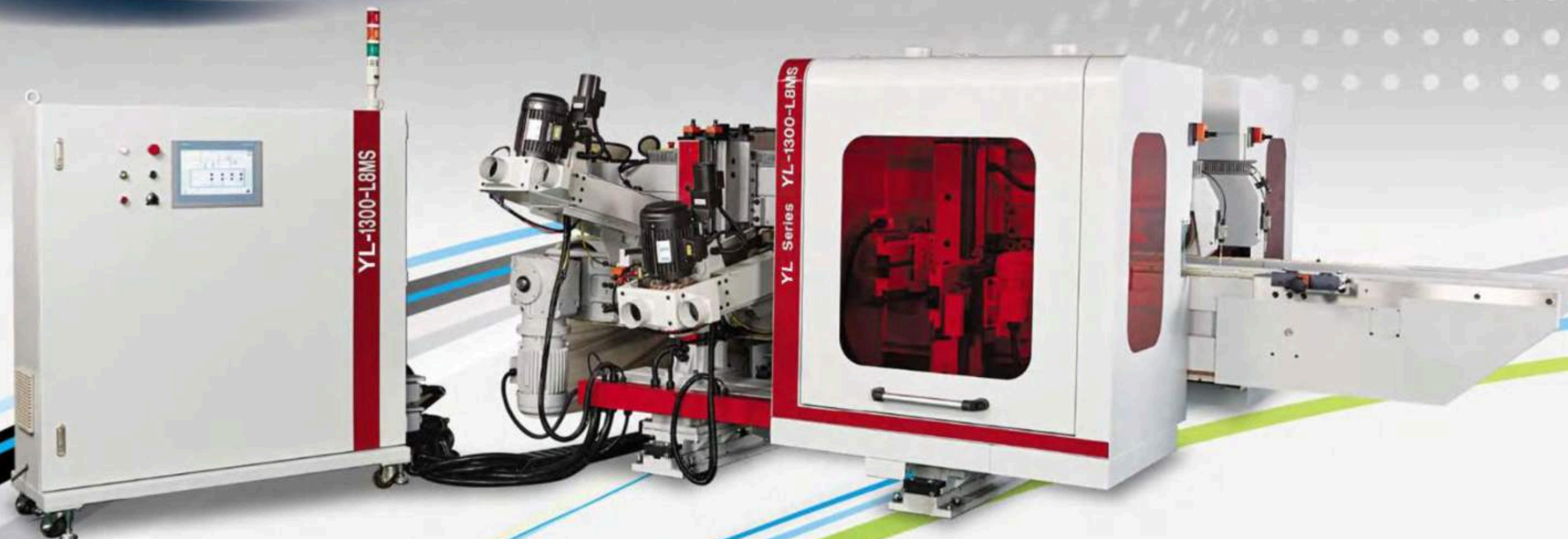


[www.routmac.com](http://www.routmac.com)

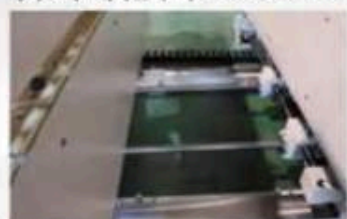


YL-L Series 系列  
YL-CE Standard Series 认证系列

重型双端作榫机  
HEAVY DUTY DOUBLE END TENONER



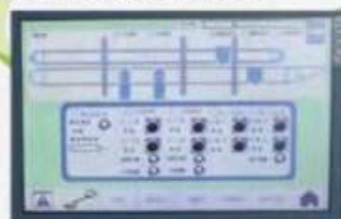
标准配备 Attractive, Smart and Exclusive Features



**分离式线轨**  
採用分离式双基座配合滚珠导  
螺杆传动  
**individual linear guide way**  
Two slide guide way transfer with ball  
screw.



**进给链条装置**  
配备精密履带链条，此履带链条  
装置防尘及免润滑之针状轴承  
(厂牌:德国INA)  
**Feed chain track system**  
Is enriched with precision track linkage  
mounted with dust-proof and free  
lubricated needle bearing, to ensure  
perfect parallel at y-axis.  
(BRAND: GERMAN INA)



**人机介面自动操作模式**  
(厂牌:德国西门子)  
**PLC Control for automatic  
positioning and working  
unit operation**  
(BRAND: GERMAN SEMENS)



**出料端双侧压轮**  
**Double sided pressure roller**



**槽切锯系统**  
**Scoring saw unit**  
2HP(option 3/5 HP)  
Spindle speed:3000 rpm (50 HZ)  
Spindle dim:Ø25.4 x 82 mm(L)



**主锯系统**  
**Main saw unit**  
5HP(option 7.5 HP)  
Spindle speed:3000 rpm (50HZ)  
Spindle dim:Ø25.4 x 82 mm(L)



**立轴系统**  
**Moulding unit**  
5HP (special 7.5HP)  
Spindle speed: 6000 rpm (50HZ)  
Spindle size: Ø40 x 120 MM (L)  
Option attachment: Jumping device

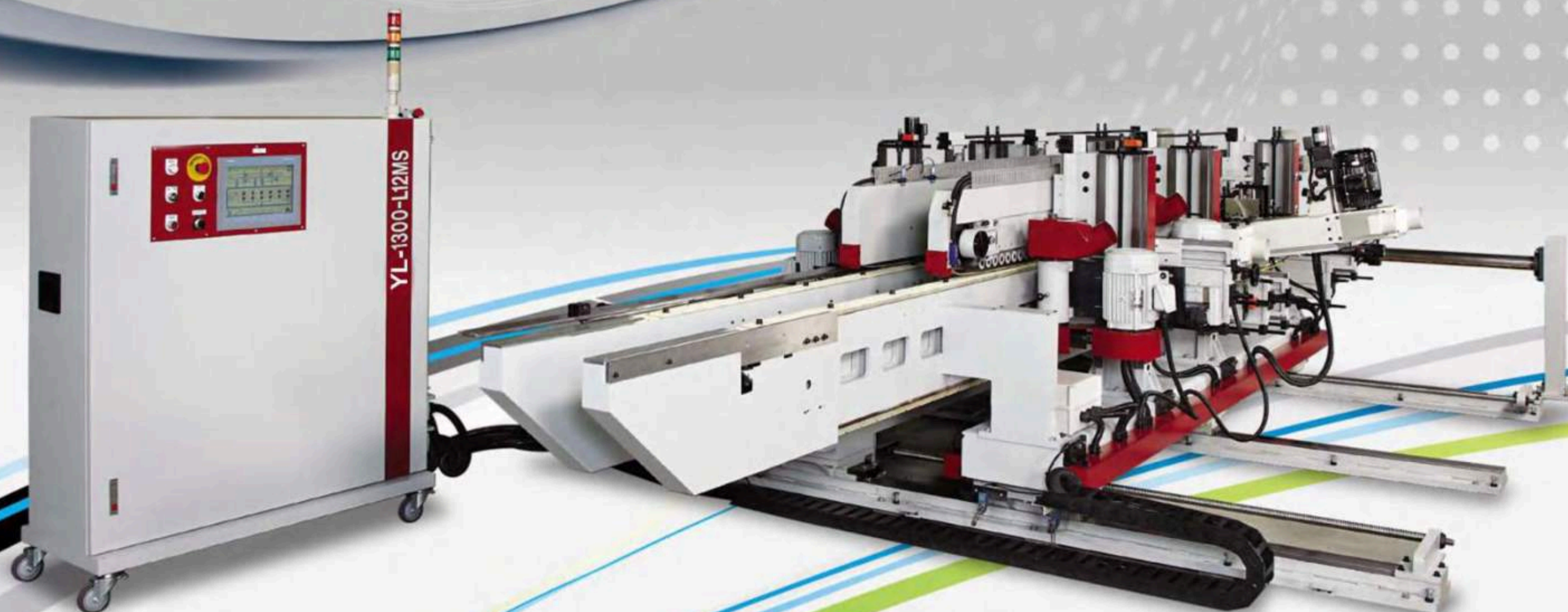


**立轴系统(变频马达)**  
**H.F Moulding unit**  
7.5HP (special 10HP 15HP)  
Spindle speed: 3000/6000 rpm (60/120 HZ)  
Spindle size: Ø40 x 120 MM (L)  
Option attachment: Jumping device



# YL-L Series 系列 YL-CE Standard Series 认证系列

# 重型双端作榫机 HEAVY DUTY DOUBLE END TENONER



## 特殊配备 Optional Attachment



**立轴加装气压式上下导板**  
Moulding unit with  
pneumatic top pressure  
pad+bottom  
support (Chrom plated)



**自动送料架**  
Auto. feeding magazine  
Working length: 220~1300/2000/2600 mm  
Working width: 50~150 mm  
Working height: 8~60 mm  
Max. working height of magazine: 500 mm



**余料输送机**  
Chip conveyor



**平面三角环带砂**  
Belt sanding unit  
Motor : 2HP  
Sanding belt size : 4"x 60"  
Vibration power : 25w x 1/36



**成型三角环带砂**  
Profile belt sanding unit  
Motor : 2HP  
Sanding belt size : 4"x 98" / 84"  
Vibration power : 25w x 1/36



**碟型砂光带补偿**  
Disc sanding unit  
Motor : 2HP, Spindle : 1"x 4"  
with vibration motor  
with auto. compensation



**海绵轮砂带座**  
Sponge sanding unit  
Motor : 2HP  
Sanding belt size : 4"x 42"  
Sponge roller : 7" x 4"



**上下鉋**  
Top and bottom milling unit  
7.5HP (special 10HP 15HP)  
Spindle speed: 3000/6000 rpm (50/100HZ)  
Spindle dimension: Ø40 x 120 mm (L)



# YL-L Series 系列

## YL-CE Standard Series 认证系列

# 型号识别

## MODEL INTRODUCTION

### 用途

此款机种为新型双边同时加工之多功能複合机，定义为豪华重型机种(L-CLASS)，为双边工作单元为8轴以上之豪华複合型加工机。并可依客户需求特殊订製，可结合定寸、成型、封边、砂光、导角、开槽等边缘加工，并施以模组化生产。

此机种跳脱一般双端铣之固定式基座，採用分轨式轨道基座，依据工作要求机身可长达10米，不再受固定式基座限制，此分轨式轨道基座针对整机加工而言可将机器重心平均分配于基座轨道上，使工作在加工时平稳，不会因重心分配不均，工件加工完产生加工面顿挫。

### 特性

- 客製化的工作头排列可完美达到客户产品所需之加工。
- 高精密线性滑轨：基座的移动採用高精密之线性滑轨，可确保X轴移动时能形成完美的平行。
- 进给链条装置：配备精密履带链条，此履带链条装置採防尘及免润滑之针状轴承，可确保Y轴移动时形成完美的平行线。
- 高精密线性滑轨+进给链条装置，促成机器呈现双十字的运动，以保证其直角度。
- 人机介面自动定位装置：人机介面控制，尺寸调整包含公制，英制及台制等多种选择，而且无须微调。

### Application

New type of bilateral multi-function compound machine is designated as a luxury heavy-duty machine (L-CLASS), and defined as a bilateral working unit for more than 8-axis luxury composite processing machine. This new type machine can be customized based on customers' demands, including sizing, moulding, edge banding, sanding, chamfering, grooving and other edge processing, and impose modular production.

We use individual slide guide ways instead of single base slide guide way. Depends on the requirements, lengths of the machine can reach more than 10 meters without the restriction from single base slide guide way. Moreover, benefited from individual slide guide ways, processing will be more stable as the center or gravity can be evenly distributed on the individual slide guide ways, generating smooth machine surface.

### Features

- Customized working unit line can perfectly reach the product processing of customer's requirement.
- The machine sliding on high precision linear guide way to get perfect parallel at x-axis.
- Feed chain track system is enhanced with precision track linkage mounted with dust-proof and free lubricated needle bearings to ensure perfect parallel at y-axis.
- The high precision linear guide way + feed chain track form double crisscross movement to guarantee squaring. Automatic positioning device with digital readout in metric, inches or Japanese inches for various operation.
- No micro-adjustment required.



安全锁  
Safety Lock



CE标准配电盘  
CE Proved Electric Control Board



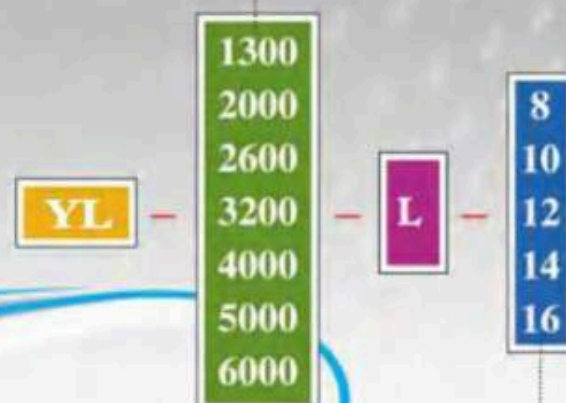
鍊条传动机构  
Gear Transmit System



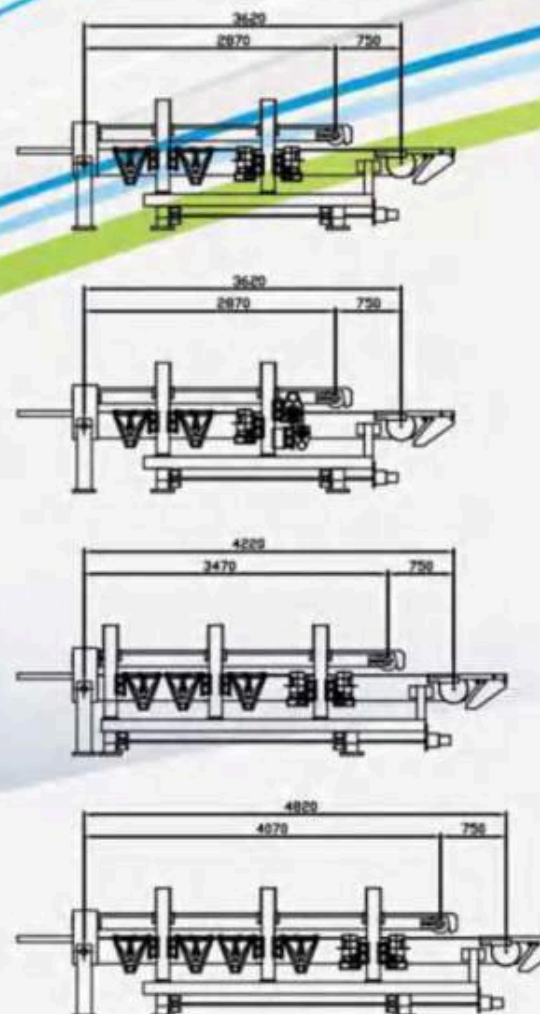
直径传动轴  
Double Key Transmission Shaft

### YL-L SERIES 系列

最大加工宽度  
Max. Working Width



工作头数量  
Working Head Numbers



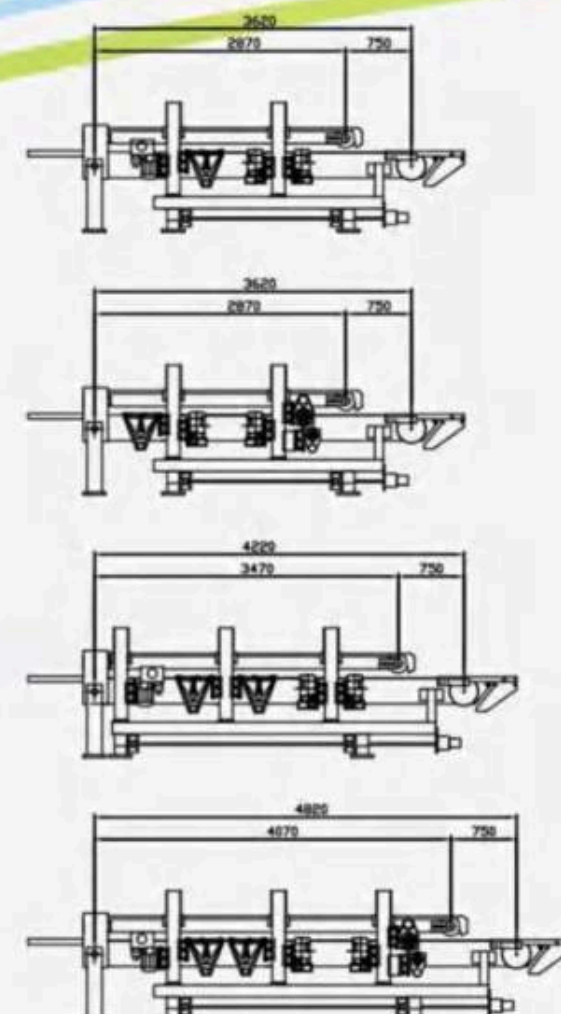
### YL-CE SERIES 认证系列

双边  
Double Side

工作头数量(单边)  
Working Head Numbers (One Side)



最大加工宽度  
Max. Working Width



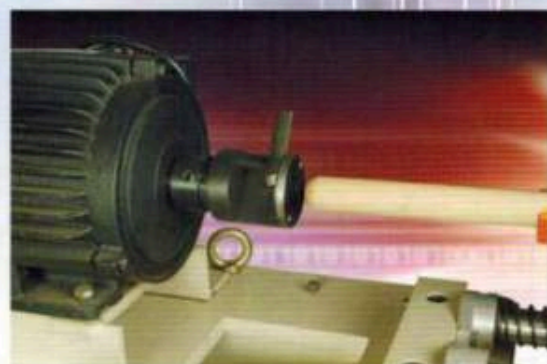




YL-30RE

### 半圓端加工機 Half Round-end Making Machine

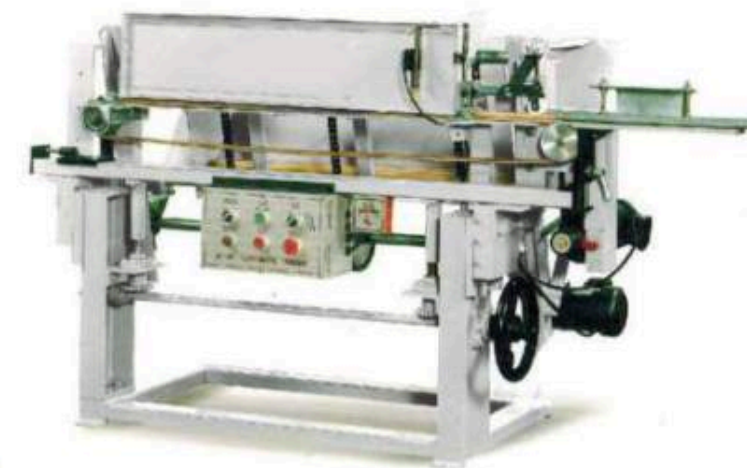
1. 加工範圍 Range of working diameter: Ø10-Ø30mm
2. 主軸馬力 Drive motor: 1 HP
3. 機械尺寸 Machine size: 750X300X1050 mm
4. 裝箱尺寸 Packing size: 800X350X1150 mm
5. 淨重 N.W.: 100 kg
6. 毛重 G.W.: 130 kg



## YL-80

### 圓棒自動送料機

#### AUTOMATIC ROUND ROD FEEDER



#### AUTOMATIC ROUND ROD FEEDER

- 特性**
- 》本機可適用於輸送工作物的材質如：木材、壓克力、電木及金屬圓棒等。
  - 》YL-80可解決一般送料之毛病，如：送料速度不同步，輸送帶易磨損、效率低等毛病。
  - 》本機採用無段變速，送料速度調整容易。
  - 》送料槽內之木材可預先設定，可大大節省木材輸送時間。
  - 》當YL-80與兩台圓棒砂光機（YL-80B, YL-80B2）搭配使用時，操作者只需將木材置入料斗內，圓棒砂光機即可執行全自動砂光作業，一位操作員可看管多部機器。
  - 》當YL-80與木珠車床搭配使用，可提高車削及送料效果。
  - 》YL-80結構密緻，節省安裝時間。
  - 》本機採用平輸送帶，可免除木材中心調整之麻煩。



YL-80 + YL-80B2

#### Machine Feature

- 》Designed and built well suited for automatic feeding workpiece materials such as wood bar, Acrylic, Bakelite and metal bar.....etc.
- 》Conventional trouble as feed speed not synchronize, easy wear on conveyor belt, or low production efficiency... Now all trouble can be full solved with the YL-80 Automatic Round Rod Feeder.
- 》Easy synchronized speed adjustment by simply turning speed adjust knob.
- 》Number of stick in feed chute may be preset, thus saves considerable time of stick travel in feeder itself.
- 》While YL-80 attached to two or more Round Rod Sanding Machine ( YL-80B, or YL-80B2 ) what the operator need to do is loading stick into the hopper loader, the machines will perform a completely automatic sanding operations. Thus makes one operator can attend more machines.
- 》While YL-80 is in application with Wood Bead Lathe, it help the lathe to increase production efficiency in dead turning operations.
- 》Compact constructed throughout saves mounting space.
- 》Flat conveyor belt eliminate troublesome centering problem.

#### 規格表

| 型號 Type                                       | YL-80            |
|-----------------------------------------------|------------------|
| 適用圓棒直徑 Range of Round Rod Diameter            | ø10-ø30mm        |
| 料斗長度 Length of hopper loader                  | 1000mm           |
| 料斗容量 Hopper loader capacity                   | 450x225mm        |
| 送料速度 Feed speed                               | 4-22m/min.       |
| 輸送帶尺寸 Conveyor belt size                      | 35x2800mm        |
| 輸送台上下調整距離 Conveyor table vertical, adjustment | 50mm             |
| 送料鏈條數 Number of feed chain                    | 3 pieces         |
| 鏈條驅動馬力 Chain driver motor                     | 1/8HP            |
| 輸送帶驅動馬力 Belt driver motor                     | 1/8HP            |
| 機械尺寸 (長X寬X高) Machine size(LXWXH)              | 1800x1000x1120mm |
| 裝箱尺寸 (長X寬X高) Machine size(LXWXH)              | 1450x900x1060mm  |
| 淨重 Net weight                                 | 260kg            |
| 毛重 Gross weight                               | 350kg            |



## YL-80B

單帶圓棒砂光機

SINGLE BELT ROUND ROD  
SANDING MACHINE

YL-80B

SINGLE BELT ROUND ROD  
SANDING MACHINE

## 特性 YL-80B

- 適合加工直徑 $\phi 5$ - $\phi 80$ mm之工件。
- 物超所值，可砂光多種不同材質的圓棒：木、藤、壓克力、石墨等類似材質。
- 快速送料速度，每分鐘6~20米。
- 更換砂帶簡單迅速。
- 品質和雙帶砂光機一樣精良。

## Machine Feature

- A single belt sander that suitable for sanding round rod from  $\phi 5$  to 80mm in diameter.
- Priced for economical and intermediate finish, yet built for versatile sanding operation for wood, rattan, metal, acrylic, graphite....
- Fastest feed speed the range from 6 to 20 meters per minute.
- Change abrasive belt in seconds.
- Same high quality features as YL-80B2 Double Belt Round Rod Sanding Machine.

## YL-80B2

雙帶圓棒砂光機

DOUBLE BELT ROUND ROD  
SANDING MACHINE

YL-80B2

DOUBLE BELT ROUND ROD  
SANDING MACHINE

## 特性 YL-80B2

- 加工範圍直徑 $\phi 5$ - $\phi 80$ mm。
- 經由第一條粗砂帶與第二條細砂帶一次完成，使加工物件臻於完美。
- 比用單帶砂光機減少進料次數，更省時。
- 快速送料速度，每分鐘6~20米。
- 更換砂帶簡單迅速。

- Double belt sander, capacity from  $\phi 5$  to 80 mm in diameter.
- A coarse grit belt on first process and a finer grit belt on second process will produce a superior finish with one pass through the machine.
- Less handling with high efficiency than achieved with YL-80B single belt round rod sanding machine.
- Fastest feed speed the range from 6 to 20 meters per minute.
- Change abrasive belt in seconds.

## 規格表

| 型號 Type                         | YL-80B                   | YL-80B2                  |
|---------------------------------|--------------------------|--------------------------|
| 加工範圍 Range of working diameter  | $\phi 5$ to $\phi 80$ mm | $\phi 5$ to $\phi 80$ mm |
| 加工長度 Range of working length    | 100mm~1000mm             | 200mm~1000mm             |
| 使用馬力 Drive motor                | 3HP                      | 5HP                      |
| 驅車馬力 Vacuum suction motor       | 1/2HP                    | 1/2HP                    |
| 砂帶規格 Sanding belt size          | 125x1860mm(5"x73")       | 125x1860mm(5"x73")       |
| 砂帶速度 Belt speed                 | 18m/sec                  | 18m/sec                  |
| 送料速度 Feed speed                 | 6-20 m/min               | 6-20m/min                |
| 機械尺寸(長X寬X高) Machine size(LXWXH) | 750x510x1340mm           | 950x650x1340mm           |
| 裝箱尺寸(長X寬X高) Machine size(LXWXH) | 840x650x1520mm           | 1100x790x1560mm          |
| 淨重 Net weight                   | 290kg                    | 390kg                    |
| 毛重 Gross weight                 | 350kg                    | 470kg                    |

## YL-80/YL-80R8

圓棒製造機

ROUND ROD MILLING  
MACHINE

YL-80



YL-80R8

ROUND ROD MILLING MACHINE

## 特性

- 專為四方木頭加工成圓棒而設計，加工範圍：直徑 $\phi 10$ -79 mm。
- 加工材質：木、藤、壓克力等類似材質。
- 四段變速，適合不同材質之加工物。
- 安全保證：進料輪護蓋裝置，運轉部份密封，刀頭蓋打開即停止運作。
- 兩組送料輪及兩組出料輪加強送料能力適合超長加工物。(YL-80R8)
- 圓棒機簡便送料安全裝置，專利號碼37270。
- 自動圓棒機送料裝置，專利號碼30488。

## Machine Feature

- Designed for cutting stick from square into round rod, with capacity from  $\phi 10$  to 79mm in diameter.
- Suitable for material as wood, rattan, acrylic and similar material.
- 4 cutting feed speeds to suit the various materials.
- Maximum safety is guaranteed by such features as feed rolls guard, fully enclosed transmission parts.
- Cutterhead does not start while cutterhead cover is opened.
- Two sets infeed and out feed rollers, increase the feed power, especially for long work pieces.(YL-80R8)
- Patented feed rolls guard No. 37270

## 規格表

| 型號 Type                         | YL-80                        | YL-80R8                      |
|---------------------------------|------------------------------|------------------------------|
| 加工範圍 Range of work diameter     | $\phi 10$ to $\phi 79$ mm    | $\phi 10$ to $\phi 79$ mm    |
| 加工長度 Range of work length       | 300mm~無限長Unlimited           | 300mm~無限長Unlimited           |
| 主軸馬力 Drive motor                | 10HP                         | 10HP                         |
| 送料馬力 Feed motor                 | 2HP                          | 2HP                          |
| 主軸轉速 Cutterhead speed           | 3400 R.P.M                   | 3400 R.P.M                   |
| 送料速度 Range of feed speed        | 6/8/10/12 m/min(4 speeds)    | 6/8/10/12 m/min(4 speeds)    |
| 排屑管口直徑 Chip chute diameter      | $\phi 100$ /mm ( $\phi 4"$ ) | $\phi 100$ /mm ( $\phi 4"$ ) |
| 機械尺寸(長X寬X高) Machine size(LXWXH) | 900x690x910mm                | 1250x690x910mm               |
| 裝箱尺寸(長X寬X高) Machine size(LXWXH) | 990x730x1150mm               | 1290x730x1150mm              |
| 淨重 Net weight                   | 370kg                        | 500kg                        |
| 毛重 Gross weight                 | 430kg                        | 580kg                        |



兩組送料輪及出料輪增強送料能力，尤其適合較長的加工物。

Two sets in feed and out feed rollers increase feed power. Especially for feeding long work pieces.



## YL-220

高速木棒橫切倒角機  
HIGH SPEED DOWEL  
CROSS-CUT AND  
CHAMFERING  
MACHINE

本機的產能可藉由無段變速的速度調整，每小時的產能為7,500-15,000個。

Capacity: about 7,500-15,000 dowels / hour with infinitely variable speed change.

## HIGH SPEED DOWEL CROSS-CUT AND CHAMFERING MACHINE

## 特性

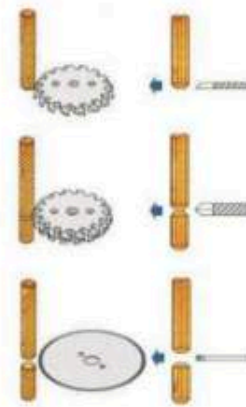
- 》本機為高產量木棒切斷倒角機。
- 》本機可自動篩選長度不足之木棒。
- 》無論是螺旋紋、直紋或是光滑表面木棒，皆可使用本機械進行倒角和切斷。
- 》本機的產能可藉由無段變速的速度調整，每小時的產能為7500-15000個。
- 》切斷長度範圍是30-150mm。
- 》本機的送料傳動是由精密的蝸桿及蝸輪，在充滿機油的油箱中運轉，隨時保持機械傳動部份的潤滑，增加使用壽命。
- 》本機倒角切斷及送料皆由獨立馬達傳動。
- 》本機有兩組倒角刀，木棒從第一支就已完成雙端倒角。
- 》調整容易，節省時間。

## Machine Feature

- 》The YL-220 is high production, high speed dowel cross-cut and chamfering machine.
- 》YL-220 can auto sift out dowel which length insufficient.
- 》Each spiral fluting, straight fluting, smooth and dowels with dowel cross-cut and chamfering from YL-220.
- 》Capacity: about 7,500-15,000 dowels / hour with infinitely variable speed change.
- 》Cutting length range: 30-150mm.
- 》Accuracy turbine and turbine shaft perform feeding transfer, lubricating for transfer parts in oil box to increase prolonged the serving life.
- 》Chamfering, cut off and feed drives each with a separate motor.
- 》The YL-220 has 2 sets chamfering cutter perform double end chamfering before dowel cross-cut.
- 》Easy adjustable and save time.

## 規格表

| 型號 Type                          | YL-220                                               |
|----------------------------------|------------------------------------------------------|
| 加工範圍 Range of working diameter   | ø6 to ø18mm                                          |
| 最短切斷長度 Minimum cutting length    | 30mm                                                 |
| 最長切斷長度 Maximum cutting length    | 150mm                                                |
| 產能 Capacity                      | About 7500-15000 dowels / hour (infinitely variable) |
| 第一倒角刀馬力 First chamfering motor   | 1/2HP                                                |
| 第二倒角刀馬力 Second chamfering motor  | 1/2HP                                                |
| 鋸片馬力 Cutting motor               | 1/2HP                                                |
| 送料馬力 Feed motor                  | 1/2HP                                                |
| 機械尺寸 (長X寬X高) Machine size(LXWXH) | 1000x700x880mm                                       |
| 裝箱尺寸 (長X寬X高) Machine size(LXWXH) | 1200x930x1080mm                                      |
| 淨重 Net weight                    | 390kg                                                |
| 毛重 Gross weight                  | 420kg                                                |



木棒倒角及切斷  
Dowel chamfering & cutting

## 配件

## STANDARD ACCESSORIES

## 導管組

Guide tube set



## 45°倒角刀

45° Chamfering cutter



## 90°倒角刀

90° Chamfering cutter



## 切斷鋸片

Cutting saw blade



## YL-100A2

高產量圓棒成型機  
HIGH PRODUCTIVITY  
ROUND ROD  
MOULDER

## HIGH PRODUCTIVITY ROUND ROD MOULDER

## 特性

- 》加工範圍直徑ø2-ø30mm。
- 》可利用板材加工成圓棒或圓棒。
- 》此為高產量之機械。
- 》圓棒直徑決定加工物之數量，最大原料寬度為100mm。
- 》電磁開關控制。
- 》調整容易，省時方便。

## Machine Feature

- 》Suitable for cutting wood board into round rods or dowels.
- 》Designed for high production performance.
- 》Number of round rods per pass is determined by the diameter to be cut, maximum cutting width is 100mm.
- 》Cutting capacity ø2- ø30mm in diameter.
- 》Magnetic switch control.
- 》Easy adjustment in every way, more convenient than competitors on the market that saves your adjustment time.

## 規格表

| 型號 Type                          | YL-100A2        |
|----------------------------------|-----------------|
| 加工範圍 Range of working diameter   | ø2 to ø30mm     |
| 上軸馬力 Upper spindle               | 7 1/2HP         |
| 下軸馬力 Bottom spindle              | 7 1/2HP         |
| 送料馬力 Feed motor                  | 1HP             |
| 最大加工寬度 Max working width         | 100mm (4")      |
| 主軸速度 Spindle speed               | 6500 rpm (60Hz) |
| 送料速度 Feed speed                  | 4-13 m / min    |
| 機械尺寸 (長X寬X高) Machine size(LXWXH) | 1780x850x1250mm |
| 裝箱尺寸 (長X寬X高) Machine size(LXWXH) | 1900x990x1450mm |
| 淨重 Net weight                    | 950kg           |
| 毛重 Gross weight                  | 1100kg          |



護蓋為選購配備。  
Safety cover (Optional)



雙主軸設計，可搭配圓棒刀、花棒刀及成型刀...等。  
Two spindle suit for smooth dowel cutter fluted dowel cutter and profile cutter...etc.



無段變速送料：  
速度範圍 4-13米/分  
Variable feed speed change:  
Range from 4-13m / min

## 配件

## STANDARD ACCESSORIES

## 上刀

Upper cutter



## 下刀

Bottom cutter



## 導板

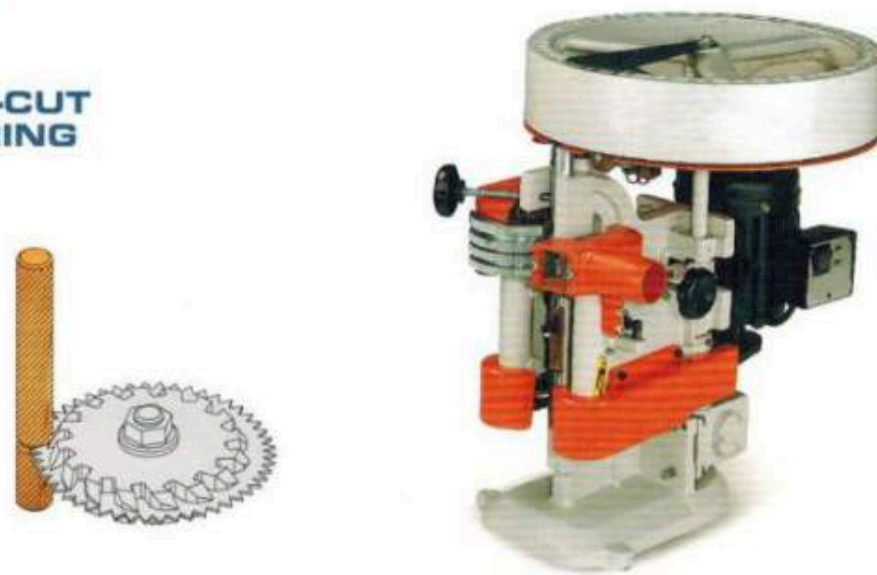
Cutter slide





## YL-36

## 圓棒橫切倒角機

DOWEL CROSS-CUT  
AND CHAMFERING  
MACHINE

## DOWEL CROSS-CUT AND CHAMFERING MACHINE

- 特性**
- 》本機加工範圍：直徑 $\phi 6$ - $\phi 18$ mm，切斷長度範圍20-150mm。
  - 》融合橫切及倒角雙功能於一機。
  - 》切斷長度為可調式。
  - 》產能可達每小時1800個。
  - 》操作方便，只要將圓棒放入盤中，即可做橫切及倒角之作業。
  - 》機身輕巧，搬運方便。
  - 》可與 YL-18 圓棒製造機搭配使用。
  - 》防塵開關。
  - 》獨特壓料輪設計，專利號碼52479

- Machine Feature**
- 》Suitable for cutting dowels form  $\phi 6$  to  $\phi 18$ mm in diameter, 20 to 150mm in length.
  - 》Combined cut-off and chamfering in a unit.
  - 》Cutting length adjustable.
  - 》Capacity 1800 pieces per hour.
  - 》Simply loaded the wood dowel into the revolving tray, the machine will perform cut-off and chamfering.
  - 》Easy movement from one job site to another.
  - 》Used together with YL-18 Dowel Milling Machine will be a complete set of perfect mechanism for making dowel.
  - 》Dust proof switch
  - 》Patented improved tension design on pressure roll No.52479

| 規格表                              | 型號 Type | YL-36                            |
|----------------------------------|---------|----------------------------------|
| 加工範圍 Range of working diameter   |         | $\phi 6$ to $\phi 18$ mm         |
| 加工長度 Range of working length     |         | 20mm~150mm                       |
| 主軸馬力 Drive motor                 |         | 1/2HP                            |
| 產 能 Capacity                     |         | 30 piece / min                   |
| 機械尺寸 (長X寬X高) Machine size(LXWXH) |         | 560x500x580mm                    |
| 裝箱尺寸 (長X寬X高) Packing size(LXWXH) |         | 620x610x750mm                    |
| 裝箱尺寸 (長X寬X高) Packing size(LXWXH) |         | YL-18+YL36:870x690x750mm / 180kg |
| 淨重 Net weight                    |         | 70kg                             |
| 毛重 Gross weight                  |         | 100kg                            |

配件  
STANDARD ACCESSORIES導管  
Guide tube切斷鋸片  
Cutting Saw blade斜銼刀 (倒角刀)  
Chamfering Cutter

## YL-18

## 圓棒製造機

DOWEL MILLING  
MACHINE

## DOWEL MILLING MACHINE

- 特性**
- 》本機可將方形木加工成圓棒，加工範圍：直徑 $\phi 6$ - $\phi 18$ mm。
  - 》適合生產桌、椅、傢俱之接合圓棒。
  - 》切削及壓螺旋紋同時完成，因螺旋紋圓棒比光滑圓棒之接合效果更佳。
  - 》可將廢木料再加工成圓棒，創造利潤。
  - 》機身輕巧，搬運方便。
  - 》可與 YL-36 圓棒橫切倒角機搭配使用。
  - 》防塵開關。
  - 》獨特可調式工件支撐裝置，專利號碼54684

- Machine Feature**
- 》Cuts square wood into dowels, with working range from  $\phi 6$  to  $\phi 18$ mm in diameter.
  - 》Ideally suited to make dowels for jointing work in desk, chair and furniture assembly.
  - 》Combine milling and spiral fluting in one pass of feed, that gives a superior method of jointing, more rigid than plan dowels.
  - 》A valuable unit that turns your waste wood sticks into a useful dowels.
  - 》Easy movement from one job site to another.
  - 》Used together with YL-36 Dowel cross-cut and chamfering machine that will be a complete set of perfect mechanism for marking dowels.
  - 》Dust proof switch.
  - 》Patented adjustable stick holding device No.54684

| 規格表                              | 型號 Type | YL-18                            |
|----------------------------------|---------|----------------------------------|
| 加工範圍 Range of working diameter   |         | $\phi 6$ to $\phi 18$ mm         |
| 加工長度 Range of working length     |         | 240mm~無限長Unlimited               |
| 主軸馬力 Drive motor                 |         | 1HP                              |
| 送料速度 Feed speed                  |         | 6m / min                         |
| 機械尺寸 (長X寬X高) Machine size(LXWXH) |         | 560x440x580mm                    |
| 裝箱尺寸 (長X寬X高) Packing size(LXWXH) |         | 620x500x750mm                    |
| 裝箱尺寸 (長X寬X高) Packing size(LXWXH) |         | YL-18+YL36:870x690x750mm / 180kg |
| 淨重 Net weight                    |         | 65kg                             |
| 毛重 Gross weight                  |         | 90kg                             |

配件  
STANDARD ACCESSORIES刀具組  
Cutterhead set導管  
Guide tube刀片  
Blade



## YL-60 / YL-60S

YL-60圓棒製造機  
ROUND ROD MILLING MACHINEYL-60S雙軸圓棒製造機  
DOUBLE SPINDLE ROUND ROD MILLING MACHINE

電磁開關控制  
附微動開關，撞器打開機械停止運轉（選配）  
Shown with optional magnetic starter and cutterhead cover limit switch protection (Optional)

ROUND ROD MILLING MACHINE  
DOUBLE SPINDLE ROUND ROD MILLING MACHINE

- 特性**
- 專為四方木頭加工成圓棒而設計，加工範圍：直徑 $\phi 6$ - $\phi 60$ mm。
  - 新研發優於單頭圓棒製造機，操作省時、省力且加工物完成後更平滑。(YL-60S)
  - 雙刀頭設計，提供粗加工及細加工一次完成。(YL-60S)
  - 絕佳適合加工材質：木、藤、壓克力等類似材質。
  - 四段變速：適合不同材質之加工物。
  - 安全保證：送料輪護蓋裝置，運轉部份密封，刀頭蓋打開即停止運作。（此裝置為選配）
  - 電磁開關控制。(YL-60S)
  - 圓棒機之多重刀具裝置，專利號碼36565。
  - 圓棒機簡便送料安全裝置，專利號碼37270。

## Machine Feature

- Designed for cutting stick from square into round rod, cutting stick up to 60mm in diameter.
- Better than a single head machine, the YL-60S twin head machine offers smoother surface and saves finish time.
- Built with 2 cutterheads, provides coarse and finish cutting sequence in one pass.
- Excellent for making round rod as material like wood, rattan, acrylic and similar material.
- 4 cutting feed speeds to suit the various materials.
- Maximum safety is guaranteed by such features as feed rolls guard, fully enclosed transmission parts.
- Magnetic switch control. (YL-60S)
- Patented multiple cutterheads No. 36565
- Patented feed rolls guard No. 37270

## 規格表

| 型號 Type                         | YL-60                        | YL-60S                       |
|---------------------------------|------------------------------|------------------------------|
| 加工範圍 Range of working diameter  | $\phi 6$ to $\phi 60$ mm     | $\phi 6$ to $\phi 60$ mm     |
| 加工長度 Range of working length    | 300mm-無限長Unlimited           | 400mm-無限長Unlimited           |
| 主軸馬力 Drive motor                | 5HP                          | 7.5HP/5HP                    |
| 送料馬力 Feed motor                 | 2HP                          | 2HP                          |
| 主軸轉速 Cutterhead speed           | 3400 R.P.M                   | 6000 R.P.M                   |
| 送料速度 Range of feed speed        | 10/12/14/16 m/min(4 speeds)  | 14/16/18/20 m/min(4 speeds)  |
| 排屑管口直徑 Chip chute diameter      | $\phi 100$ /mm ( $\phi 4"$ ) | $\phi 100$ /mm ( $\phi 4"$ ) |
| 機械尺寸(長X寬X高) Machine size(LXWXH) | 800x690x910mm                | 1360x690x910mm               |
| 裝箱尺寸(長X寬X高) Machine size(LXWXH) | 890x730x1150mm               | 1470x715x1150mm              |
| 淨重 Net weight                   | 320kg                        | 560kg                        |
| 毛重 Gross weight                 | 370kg                        | 650kg                        |

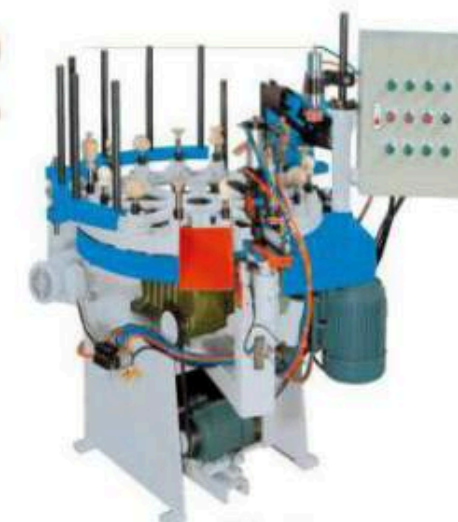
配件  
STANDARD ACCESSORIES

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| 刀頭<br>Cutter head                            | 出料輪<br>Outfeed roll                          |
| 導套<br>Guide bush (1 $\phi 42$ mm)            | 導管<br>Guide tube (1 $\phi 42$ mm)            |
| 刀片 12mm (1 $\phi 42$ mm)<br>12mm H.S.S Knife | 刀片 18mm (1 $\phi 42$ mm)<br>18mm H.S.S Knife |

PROFESSIONAL  
& HIGH ENRGY

## 氣壓立式砂光機 AIR VERTICAL SANDER

| 型號 MODEL                       | YL-16                  |
|--------------------------------|------------------------|
| 加工長度 Sanding length            | 15-180 mm              |
| 加工直徑 Sanding dia.              | $\phi 20$ -150 mm      |
| 工件數 No. of workpiece           | 16 pcs                 |
| 砂布數 Layer no. of sanding paper | 9 sets + 1 grit sander |
| 馬達 Motor                       | 3 HP x 1 1/2 HP x 3    |
| 裝箱尺寸 Packing size              | 185 x 170 x 205 cm     |
| 淨重 / 毛重 N. W./G. W.            | 750/900 kgs            |



YL-16



YL-1200

YL-1200G · YL-1000AG  
圓立特砂輪 Grit sander  
(選配附件Opt.)

YL-1000A

## 自動車枳砂光機 AUTO. TURNING SANDER

| 型號 MODEL                       | YL-1200                        | YL-1000A                      |
|--------------------------------|--------------------------------|-------------------------------|
| 加工長度 Sanding length            | 50-1200 mm                     | 50-1200 mm                    |
| 加工直徑 Sanding dia.              | $\phi 12$ -120 mm              | $\phi 50$ -230 mm             |
| 工件數 No. of workpiece           | 16 pcs                         | 8 pcs                         |
| 砂布數 Layer no. of sanding paper | 8 sets                         | 8 sets                        |
| 馬達 Motor                       | 7.5 HP x 1 1 HP x 1 1/2 HP x 2 | 10 HP x 1 1 HP x 1 1/2 HP x 2 |
| 裝箱尺寸 Packing size              | 290 x 180 x 225 cm             | 290 x 190 x 225 cm            |
| 淨重 / 毛重 N. W./G. W.            | 1650/2000 kgs                  | 2000/2400 kgs                 |





YL-1200



YL-1150H



YL-1500B

## 油壓仿型木工車床 HYDRAULIC COPYING LATHE

| 型 號 MODEL                   | YL-1500B            |
|-----------------------------|---------------------|
| 加工長度 Max. processing length | 100-1500 mm         |
| 加工直徑 Max. processing dia.   | Ø20-120 mm          |
| 馬 達 Motor                   | 7.5 HP x 1 3 HP x 1 |
| 裝箱尺寸 Packing size           | 350 x 135 x 205 cm  |
| 淨重 / 毛重 N. W./G. W.         | 1600/1800 kgs       |

## 自動背刀式木工車床 AUTO. HYD. BACK-KNIFE TURNING LATHE

| 型 號 MODEL              | YL-1150H                  | YL-1200                   | YL-1500                               |
|------------------------|---------------------------|---------------------------|---------------------------------------|
| 加工長度 Processing length | 100-1200 mm               | 100-1200 mm               | 200-1500 mm                           |
| 加工直徑 Processing dia.   | Ø12-150 mm<br>◆105 mm/max | Ø50-250 mm<br>◆170 mm/max | Ø50-250 mm<br>◆170 mm/max             |
| 馬 達 Motor              | 10 HP x 1 3 HP x 1        | 20 HP x 1 3 HP x 1        | 20 HP x 1 3 HP x 1                    |
| 裝箱尺寸 Packing size      | 350 x 180 x 225 cm        | 350 x 220 x 225 cm        | 420 x 220 x 247 cm<br>[HQ. container] |
| 淨重 / 毛重 N. W./G. W.    | 2280/2800 kgs             | 2800/3300 kgs             | 3000/3500 kgs                         |

## 自動油壓木工車床 AUTO. HYD. TURNING LATHE

| 型 號 MODEL                   | YL-400             |
|-----------------------------|--------------------|
| 加工長度 Max. processing length | 50-400 mm          |
| 加工直徑 Max. processing dia.   | Ø15-100 mm         |
| 馬 達 Motor                   | 5 HP x 1 2 HP x 1  |
| 裝箱尺寸 Packing size           | 190 x 175 x 175 cm |
| 淨重 / 毛重 N. W./G. W.         | 1300/1450 kgs      |



YL-400



## 重型上下兩面刨木砂光機

### Heavy Duty Top / Bottom Planer Sanders

Thickness setting for solid wood, thin sheet and wood floor sanding.

此機適合：實木定厚、門板定厚、拼板砂光定厚。



Structural drawing of Cope  
上砂構造圖



Structural drawing of drag  
底砂構造圖

規格表Specification (Ø300型)

| Model No.:                                  | 型號                 | YL-610NP   | YL-610NRP     | YL-920NP   | YL-920NRP     | YL-1300NP   | YL-1300NRP    |
|---------------------------------------------|--------------------|------------|---------------|------------|---------------|-------------|---------------|
| Max. working width                          | 最大工作寬度             | 600 mm     | 600 mm        | 900 mm     | 900 mm        | 1300 mm     | 1300 mm       |
| Max. working thickness                      | 最大工作厚度             | 3-130      | 3-130         | 3-130      | 3-130         | 3-130       | 3-130         |
| Standard power                              | 標準馬力               | 15, 15 HP  | 15, 20, 15 HP | 20, 20 HP  | 20, 25, 20 HP | 30, 25 HP   | 30, 30, 25 HP |
| Optional power                              | 選購馬力               | 20, 20 HP  | 20, 25, 20 HP | 25, 25 HP  | 30, 25, 20 HP | 40, 30 HP   | 40, 40, 30 HP |
| Feeding power                               | 輸送馬力               | 2 HP       | 3 HP          | 3 HP       | 5 HP          | 5 HP        | 7 1/2 HP      |
| Table hoist power                           | 升降馬力               | 1/2 HP     | 1/2 HP        | 1/2 HP     | 1/2 HP        | 1 HP        | 1 HP          |
| Brush roller power                          | 棕刷輪馬力              | 1/2 HP     | 1/2 HP        | 1/2 HP     | 1/2 HP        | 1 HP        | 1 HP          |
| Feeding speed                               | 輸送速度               | 4-20 M/min | 4-20 M/min    | 4-20 M/min | 4-20 M/min    | 4-20 M/min  | 4-20 M/min    |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 2108 | 630 x 2108    | 940 x 2108 | 940 x 2108    | 1320 x 2108 | 1320 x 2108   |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2620 | 630 x 2620    | 940 x 2620 | 940 x 2620    | 1320 x 2620 | 1320 x 2620   |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6          | 6             | 6          | 6             | 6           | 6             |
| Spiral cutting head Dia.(mm)                | 螺旋刀直徑              | Ø180       | Ø180          | Ø180       | Ø180          | Ø180        | Ø180          |

YL-1300NRP



YL-1300NRPL

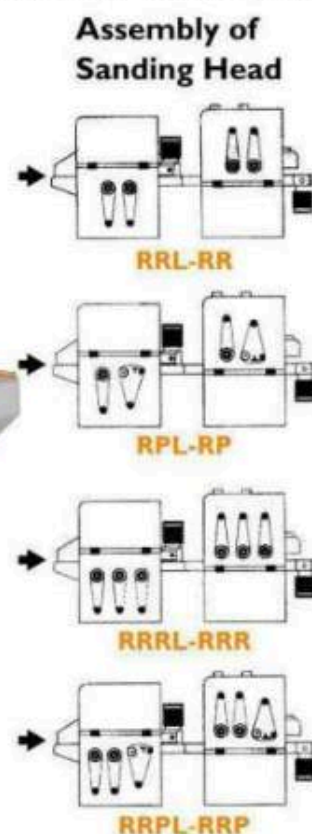


## 重型上下兩面寬帶砂光機

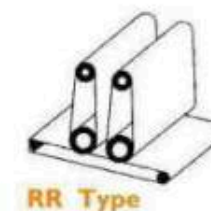
### Heavy Duty Top / Bottom Wide Belt Sanders

These machines suit sanding for solid wood thickness setting, wood floor sanding and lacquered veneer..

此機適合：實木定厚砂光、拼板砂光、地板砂光、底漆砂光等。

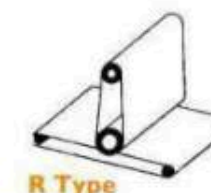


Top-bottom sanding finished in one process without belt conveyor installed, could be connected or stood alone, suitable for solid wood, sealer, and veneer.



RR Type

滾輪選擇  
Size of rubber roller  
• Ø300  
• Ø220



R Type

砂帶尺寸  
Size of sanding belt  
• 83"  
• 103"

#### 規格表Specification (Ø300型)

| Model No.:                     | 型號                 | YL-610RP   | YL-610RRP     | YL-920RP   | YL-920RRP     | YL-1300RP   | YL-1300RRP    |
|--------------------------------|--------------------|------------|---------------|------------|---------------|-------------|---------------|
| Max. working width             | 最大工作寬度             | 600 mm     | 600 mm        | 900 mm     | 900 mm        | 1300 mm     | 1300 mm       |
| Max. working thickness         | 最大工作厚度             | 3-130      | 3-130         | 3-130      | 3-130         | 3-130       | 3-130         |
| Standard power                 | 標準馬力               | 15, 10 HP  | 15, 20, 10 HP | 20, 15 HP  | 20, 25, 15 HP | 30, 20 HP   | 40, 30, 25 HP |
| Optional power                 | 選購馬力               | 20, 15 HP  | 20, 25, 15 HP | 25, 20 HP  | 30, 25, 20 HP | 40, 30 HP   | 50, 40, 30 HP |
| Feeding power                  | 輸送馬力               | 2 HP       | 3 HP          | 3 HP       | 5 HP          | 5 HP        | 7 1/2 HP      |
| Table hoist power              | 升降馬力               | 1/2 HP     | 1/2 HP        | 1/2 HP     | 1/2 HP        | 1/2 HP      | 1 HP          |
| Brush roller power             | 棕刷輪馬力              | 1/2 HP     | 1/2 HP        | 1/2 HP     | 1/2 HP        | 1 HP        | 1 HP          |
| Feeding speed                  | 輸送速度               | 4-20 M/min | 4-20 M/min    | 4-20 M/min | 4-20 M/min    | 4-20 M/min  | 4-20 M/min    |
| Sanding belt measurement (mm)  | 砂帶尺寸               | 630 x 2108 | 630 x 2108    | 940 x 2108 | 940 x 2108    | 1320 x 2108 | 1320 x 2108   |
| Sanding belt measurement (mm)  | 砂帶尺寸 (optional 選配) | 630 x 2620 | 630 x 2620    | 940 x 2620 | 940 x 2620    | 1320 x 2620 | 1320 x 2620   |
| Air pressure required (kg/cm²) | 使用氣壓               | 6          | 6             | 6          | 6             | 6           | 6             |

#### 規格表Specification (Ø300型、Ø220型)

| Model No.:                  | 型號          | YL-610R        | YL-920R        | YL-1300R       | YL-610RR       | YL-920RR       | YL-1300RR      |
|-----------------------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Unit                        | 砂頭單位        | 1              | 1              | 1              | 2              | 2              | 2              |
| Working width               | 加工寬度 mm     | 600            | 900            | 1300           | 600            | 900            | 1300           |
| Working thickness min. Max. | 加工厚度 mm     | 3-130          | 3-130          | 3-130          | 3-130          | 3-130          | 3-130          |
| Belt width                  | 砂帶寬度 mm     | 630            | 940            | 1320           | 630            | 940            | 1320           |
| Belt length                 | 砂帶長度 mm     | 1905/2108/2620 | 1905/2108/2620 | 1905/2108/2620 | 1905/2108/2620 | 1905/2108/2620 | 1905/2108/2620 |
| Feed speed                  | 送料速度 m/min  | 4-20 M/min     | 4-20 M/min     | 4-20 M/min     | 4-20 M/min     | 4-20 M/min     | 4-20 M/min     |
| Feed power                  | 送料馬力 HP     | 1 HP           | 2 HP           | 3 HP           | 2 HP           | 3 HP           | 5 HP           |
| Table lifting power         | 升降馬力 HP     | 1/2 HP         | 1/2 HP         | 1/2 HP         | 1/2 HP         | 1/2 HP         | 1 HP           |
| Air pressure bar            | 使用壓力 kg/cm² | 6              | 6              | 6              | 6              | 6              | 6              |



YL-25RPL

YL-25RP

YL-37RP

YL-37RPL

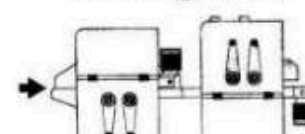


P R  
Structural drawing of Cope  
上砂構造圖

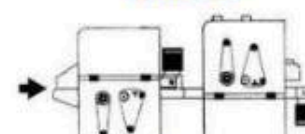


P R  
Structural drawing of drag  
底砂構造圖

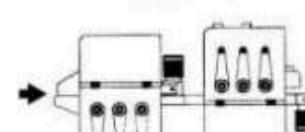
Assembly of  
Sanding Head



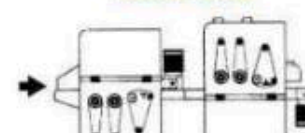
RRL-RR



RPL-RP



RRRL-RRR



RRPL-RRP

YL-37RRP

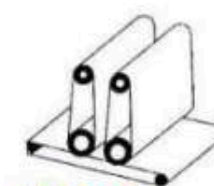
## 標準型上下兩面寬帶砂光機

### Standard Top / Bottom Wide Belt Sanders

These machines suit sanding for solid wood thickness setting, wood floor sanding and lacquered veneer.

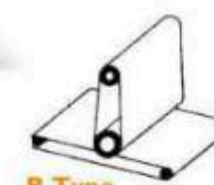
此機適合：實木定厚砂光、拼板砂光、地板砂光、底漆砂光等。

Top-bottom sanding finished in one process without belt conveyor installed, could be connected or stood alone, suitable for solid wood, sealer, and veneer.



RR Type

滾輪選擇  
Size of rubber roller  
• Ø220



R Type

砂帶尺寸  
Size of sanding belt  
• 75"  
• 83"

規格表Specification (Ø220型)

| Model No.:                                  | 型號                 | YL-25RP    | YL-25RRP      | YL-37RP    | YL-37RRP      | YL-52RP     | YL-52RRP      |
|---------------------------------------------|--------------------|------------|---------------|------------|---------------|-------------|---------------|
| Max. working width                          | 最大工作寬度             | 600 mm     | 600 mm        | 900 mm     | 900 mm        | 1300 mm     | 1300 mm       |
| Max. working thickness                      | 最大工作厚度             | 3-130      | 3-130         | 3-130      | 3-130         | 3-130       | 3-130         |
| Standard power                              | 標準馬力               | 15, 10 HP  | 20, 15, 10 HP | 20, 15 HP  | 20, 20, 15 HP | 25, 20 HP   | 30, 25, 20 HP |
| Optional power                              | 選購馬力               | 20, 15 HP  | 25, 20, 15 HP | 25, 20 HP  | 25, 25, 20 HP | 30, 25 HP   | 40, 30, 25 HP |
| Feeding power                               | 輸送馬力               | 2 HP       | 3 HP          | 3 HP       | 3 HP          | 3 HP        | 5 HP          |
| Table hoist power                           | 升降馬力               | 1/2 HP     | 1/2 HP        | 1/2 HP     | 1/2 HP        | 1/2 HP      | 1 HP          |
| Feeding speed                               | 輸送速度               | 4-20 M/min | 4-20 M/min    | 4-20 M/min | 4-20 M/min    | 4-20 M/min  | 4-20 M/min    |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 1905 | 630 x 1905    | 940 x 1905 | 940 x 1905    | 1320 x 1905 | 1320 x 1905   |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2108 | 630 x 2108    | 940 x 2108 | 940 x 2108    | 1320 x 2108 | 1320 x 2108   |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6          | 6             | 6          | 6             | 6           | 6             |

規格表Specification (Ø220型)

| Model No.:                  | 型號                      | YL-25R    | YL-37R    | YL-52R    | YL-25RR   | YL-37RR   | YL-52RR   |
|-----------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Unit                        | 砂頭單位                    | 1         | 1         | 1         | 2         | 2         | 2         |
| Working width               | 加工寬度 mm                 | 600       | 900       | 1300      | 610       | 900       | 1300      |
| Working thickness min. Max. | 加工厚度 mm                 | 3-130     | 3-130     | 3-130     | 3-130     | 3-130     | 3-130     |
| Belt width                  | 砂帶寬度 mm                 | 630       | 940       | 1320      | 630       | 940       | 1320      |
| Belt length                 | 砂帶長度 mm                 | 1905/2108 | 1905/2108 | 1905/2108 | 1905/2108 | 1905/2108 | 1905/2108 |
| Feed speed                  | 送料速度 m/min              | 4/20      | 4/20      | 4/20      | 4/20      | 4/20      | 4/20      |
| Feed power                  | 送料馬力 HP                 | 1 HP      | 2 HP      | 3 HP      | 2 HP      | 3 HP      | 5 HP      |
| Table lifting power         | 升降馬力 HP                 | 1/2 HP    | 1/2 HP    | 1/2v      | 1/2 HP    | 1/2 HP    | 1 HP      |
| Air pressure bar            | 使用壓力 kg/cm <sup>2</sup> | 6         | 6         | 6         | 6         | 6         | 6         |



## 精密型寬帶砂光機 Precision Wide Belt Sander

These machines suit setting the thickness of solid wood, MDF and veneer.  
此機適合：實木定厚、拼板、密迪板、薄片砂光等。



**P R**  
Structural drawing  
構造圖



**P R R**  
Structural drawing  
構造圖



**P R R R**  
Structural drawing  
構造圖



**YL-454RRRP**



**YL-354RRP**

### 規格表Specification (Ø300型)

| Model No.:                                  | 型號     | YL-225             | YL-237             | YL-243             | YL-254             |
|---------------------------------------------|--------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 610 mm             | 920 mm             | 1100mm             | 1350mm             |
| Max. working thickness                      | 最大工作厚度 | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力   | 20, 15 HP          | 25, 20 HP          | 30, 25 HP          | 40, 30 HP          |
| Optional power                              | 選購馬力   | 25, 20 HP          | 30, 25 HP          | 40, 30 HP          | 50, 40 HP          |
| Feeding power                               | 輸送馬力   | 5 HP               | 5 HP               | 5 HP               | 5 HP               |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Brush roller power                          | 棕刷輪馬力  | 1/2HP              | 1/2HP              | 1/2 HP             | 1 HP               |
| Feeding speed                               | 輸送速度   | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 25" x 103"         | 37" x 103"         | 43" x 103"         | 54" x 103"         |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 2500               | 3050               | 3700               | 4150               |
| Gross weight (kgs)                          | 毛重(公斤) | 2650               | 3200               | 3900               | 4300               |
| Machine size (mm)                           | 機械尺寸   | 2300 x 1500 x 2400 | 2300 x 1800 x 2400 | 2300 x 2000 x 2400 | 2300 x 2150 x 2400 |
| Packing size (mm)                           | 裝箱尺寸   | 2400 x 1600 x 2560 | 2400 x 1900 x 2560 | 2400 x 2100 x 2560 | 2400 x 2270 x 2560 |

### 規格表Specification (Ø300型)

| Model No.:                                  | 型號     | YL-325             | YL-337             | YL-343             | YL-354             |
|---------------------------------------------|--------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 610 mm             | 920 mm             | 1100 mm            | 1350 mm            |
| Max. working thickness                      | 最大工作厚度 | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力   | 20, 20, 15 HP      | 25, 25, 20 HP      | 30, 30, 20 HP      | 40, 30, 25 HP      |
| Optional power                              | 選購馬力   | 25, 25, 20 HP      | 30, 30, 25 HP      | 40, 40, 30 HP      | 50, 40, 30 HP      |
| Feeding power                               | 輸送馬力   | 5 HP               | 5 HP               | 5 HP               | 5 HP               |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             | 1 HP               | 1/2 HP             |
| Brush roller power                          | 棕刷輪馬力  | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1 HP               |
| Feeding speed                               | 輸送速度   | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 25" x 103"         | 37" x 103"         | 43" x 103"         | 54" x 103"         |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 3100               | 4050               | 4700               | 5600               |
| Gross weight (kgs)                          | 毛重(公斤) | 3300               | 4300               | 5000               | 5900               |
| Machine size (mm)                           | 機械尺寸   | 2800 x 1500 x 2400 | 2800 x 1800 x 2400 | 2800 x 2000 x 2400 | 2800 x 2150 x 2400 |
| Packing size (mm)                           | 裝箱尺寸   | 2900 x 1600 x 2560 | 2900 x 1900 x 2560 | 2900 x 2100 x 2560 | 2900 x 2270 x 2560 |

### 規格表Specification (Ø300型)

| Model No.:                                  | 型號     | YL-425             | YL-437             | YL-443             | YL-454             |
|---------------------------------------------|--------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 610 mm             | 920 mm             | 1100 mm            | 1350 mm            |
| Max. working thickness                      | 最大工作厚度 | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力   | 20, 20, 20, 15 HP  | 25, 25, 25, 20 HP  | 30, 30, 30, 20 HP  | 40, 40, 30, 25 HP  |
| Optional power                              | 選購馬力   | 25, 25, 25, 20 HP  | 30, 30, 30, 25 HP  | 40, 40, 30, 25 HP  | 50, 50, 40, 30 HP  |
| Feeding power                               | 輸送馬力   | 5 HP               | 5 HP               | 7.5 HP             | 7.5 HP             |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             | 1 HP               | 1 HP               |
| Brush roller power                          | 棕刷輪馬力  | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1 HP               |
| Feeding speed                               | 輸送速度   | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 25" x 103"         | 37" x 103"         | 43" x 103"         | 54" x 103"         |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 4000               | 5100               | 6100               | 7200               |
| Gross weight (kgs)                          | 毛重(公斤) | 4300               | 5400               | 6500               | 7600               |
| Machine size (mm)                           | 機械尺寸   | 3300 x 1500 x 200  | 3300 x 1800 x 2400 | 3300 x 2000 x 2400 | 3300 x 2150 x 2400 |
| Packing size (mm)                           | 裝箱尺寸   | 3450 x 1600 x 2560 | 3450 x 1900 x 2560 | 3450 x 2100 x 2560 | 3450 x 2270 x 2560 |



## 精密型鉋木砂光機 Precision Planer Sander

These machines suit heavy-duty cutting like thickness setting of solid wood.  
此機適合：實木定厚、拼板等重切削。



P R N

Structural drawing  
構造圖



P R N

Structural drawing  
構造圖



### 規格表Specification (Ø300型)

| Model No.:                                  | 型號                 | YL-610NP           | YL-610NRP          | YL-920NP           | YL-920NRP          | YL-1300NP          | YL-1300NRP         |
|---------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度             | 600 mm             | 600 mm             | 900 mm             | 900 mm             | 1300 mm            | 1300 mm            |
| Max. working thickness                      | 最大工作厚度             | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力               | 15, 10 HP          | 15, 15, 10 HP      | 25, 20 HP          | 25, 25, 20 HP      | 30, 25 HP          | 30, 30, 25 HP      |
| Optional power                              | 選購馬力               | 20, 15 HP          | 20, 20, 15 HP      | 30, 25 HP          | 30, 30, 25 HP      | 40, 30 HP          | 40, 40, 30 HP      |
| Feeding power                               | 輸送馬力               | 2 HP               | 3 HP               | 2 HP               | 3 HP               | 5 HP               | 7 1/2 HP           |
| Table hoist power                           | 升降馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Brush roller power                          | 棕刷輪馬力              | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1 HP               | 1 HP               |
| Feeding speed                               | 輸送速度               | 4-20 M/min         | 4-20 M/min         | 4-20 M/min         | 4-20 M/min         | 4-20 M/min         | 4-20 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 2108         | 630 x 2108         | 940 x 2108         | 940 x 2108         | 1320 x 2108        | 1320 x 2108        |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2620         | 630 x 2620         | 940 x 2620         | 940 x 2620         | 1320 x 2620        | 1320 x 2620        |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Spiral cutting head Dia. (mm)               | 螺旋刀直徑              | Ø180               | Ø180               | Ø180               | Ø180               | Ø180               | Ø180               |
| Net weight (kgs)                            | 淨重 (公斤)            | 2200               | 3050               | 3100               | 4050               | 4300               | 5600               |
| Gross weight (kgs)                          | 毛重 (公斤)            | 2300               | 3150               | 3200               | 4120               | 4450               | 5900               |
| Machine size (mm)                           | 機械尺寸               | 2150 x 1400 x 2130 | 2700 x 1640 x 2130 | 2130 x 1630 x 2130 | 2740 x 1630 x 2130 | 2130 x 2000 x 2130 | 2750 x 2000 x 2130 |
| Packing size (mm)                           | 裝箱尺寸               | 2250 x 1500 x 2250 | 2800 x 1700 x 2250 | 2250 x 1700 x 2250 | 2800 x 1700 x 2250 | 2250 x 2100 x 2250 | 2850 x 2100 x 2250 |



YL-920NRP



YL-1300NRP

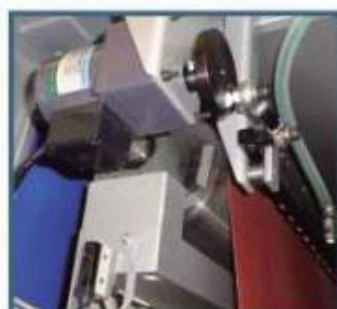


## 豪華型寬帶砂光機 Luxury Wide Belt Sander

Sanding for solid wood thickness, wood floor sanding, MDF, thin sheet and lacquered sheet.  
此機適合：實木砂光定厚、拼板砂光、密迪板砂光、薄片砂光、底漆砂光等。



Sanding Belt  
Oscillation Base  
砂帶擺動基座



Sanding Belt  
Cleaner  
砂帶清潔裝置



R R  
Structural drawing  
構造圖



R R R  
Structural drawing  
構造圖



YL-920RR



YL-1300RRR

### 規格表Specification (Ø420型)

| Model No.:                                  | 型號     | YL-610RR           | YL-920RR           | YL-1300RR          |
|---------------------------------------------|--------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 600 mm             | 900 mm             | 1,300 mm           |
| Max. working thickness                      | 最大工作厚度 | 130                | 130                | 130                |
| Standard power                              | 標準馬力   | 20, 15 HP          | 25, 20 HP          | 40, 30 HP          |
| Optional power                              | 選購馬力   | 25, 20 HP          | 30, 25 HP          | 50, 40 HP          |
| Feeding power                               | 輸送馬力   | 5 HP               | 5 HP               | 7.5 HP             |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             | 1 HP               |
| Brush roller power                          | 棕刷輪馬力  | 1/2 HP             | 1/2 HP             | 1 HP               |
| Feeding speed                               | 輸送速度   | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 630 x 2,620        | 940 x 2,620        | 1,320 x 2,620      |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 3000               | 4300               | 5500               |
| Gross weight (kgs)                          | 毛重(公斤) | 3800               | 4650               | 5950               |
| Machine size (mm)                           | 機械尺寸   | 2400 x 1450 x 2300 | 2400 x 1750 x 2300 | 2400 x 2150 x 2300 |
| Packing size (mm)                           | 裝箱尺寸   | 2500 x 1580 x 2470 | 2500 x 1890 x 2470 | 2500 x 2270 x 2470 |

### 規格表Specification (Ø420型)

| Model No.:                                  | 型號     | YL-610RRR          | YL-920RRR          | YL-1300RRR         |
|---------------------------------------------|--------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 600 mm             | 900 mm             | 1,300 mm           |
| Max. working thickness                      | 最大工作厚度 | 130                | 130                | 130                |
| Standard power                              | 標準馬力   | 25, 20, 15 HP      | 30, 25, 20 HP      | 40, 40, 30 HP      |
| Optional power                              | 選購馬力   | 30, 25, 20 HP      | 40, 30, 25 HP      | 50, 50, 30 HP      |
| Feeding power                               | 輸送馬力   | 5 HP               | 7.5 HP             | 7.5 HP             |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             | 1 HP               |
| Brush roller power                          | 棕刷輪馬力  | 1/2 HP             | 1/2 HP             | 1 HP               |
| Feeding speed                               | 輸送速度   | 0-18 M/min         | 0-18 M/min         | 0-18 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 630 x 2,620        | 940 x 2,620        | 1,320 x 2,620      |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 4000               | 5100               | 7100               |
| Gross weight (kgs)                          | 毛重(公斤) | 4400               | 5550               | 7650               |
| Machine size (mm)                           | 機械尺寸   | 2850 x 1450 x 2300 | 2850 x 1750 x 2300 | 2850 x 2150 x 2300 |
| Packing size (mm)                           | 裝箱尺寸   | 3050 x 1580 x 2470 | 3050 x 1890 x 2470 | 3050 x 2270 x 2470 |



## 重型寬帶砂光機

### Heavy Duty Wide Belt Sander

These machines suit setting the thickness of solid wood, MDF and veneer.  
此機適合：實木定厚、拼板、密迪板、薄片砂光等。



**R R**  
Structural drawing  
構造圖



**P R**  
Structural drawing  
構造圖



**R R R**  
Structural drawing  
構造圖



**P R R**  
Structural drawing  
構造圖



**YL-610RP**



**YL-1300RRP**

#### 規格表Specification (Ø300型)

| Model No.:                                  | 型號                 | YL-610RP           | YL-610RRP          | YL-920RP           | YL-920RRP          | YL-1300RP          | YL-1300RRP         |
|---------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度             | 600 mm             | 600 mm             | 900 mm             | 900 mm             | 1300 mm            | 1300 mm            |
| Max. working thickness                      | 最大工作厚度             | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力               | 15, 10 HP          | 20, 20, 15 HP      | 25, 20 HP          | 25, 20, 15 HP      | 30, 25 HP          | 40, 30, 25 HP      |
| Optional power                              | 選購馬力               | 20, 15 HP          | 25, 25, 20 HP      | 30, 25 HP          | 30, 25, 20 HP      | 40, 30 HP          | 50, 40, 30 HP      |
| Feeding power                               | 輸送馬力               | 2 HP               | 3 HP               | 3 HP               | 5 HP               | 5 HP               | 7 1/2 HP           |
| Table hoist power                           | 升降馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Brush roller power                          | 棕刷馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1 HP               | 1 HP               |
| Feeding speed                               | 輸送速度               | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 2108         | 630 x 2108         | 940 x 2108         | 940 x 2108         | 1320 x 2108        | 1320 x 2108        |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2620         | 630 x 2620         | 940 x 2620         | 940 x 2620         | 1320 x 2620        | 1320 x 2620        |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重 (公斤)            | 2300               | 3000               | 2800               | 3450               | 4000               | 5300               |
| Gross weight (kgs)                          | 毛重 (公斤)            | 2550               | 3300               | 3100               | 3700               | 4300               | 5700               |
| Machine size (mm)                           | 機械尺寸               | 2250 x 1440 x 2100 | 2800 x 1440 x 2100 | 2250 x 1700 x 2130 | 2800 x 1700 x 2130 | 2200 x 2000 x 2130 | 2800 x 2000 x 2130 |
| Packing size (mm)                           | 裝箱尺寸               | 2300 x 1500 x 2220 | 2900 x 1500 x 2220 | 2300 x 1800 x 2250 | 2900 x 1800 x 2250 | 2250 x 2100 x 2250 | 2900 x 2100 x 2250 |



**YL-920RP**



**YL-920RRP**



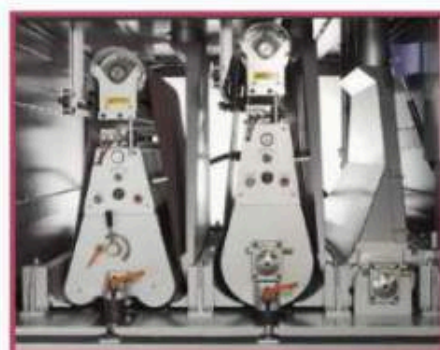
## 重型鉋木砂光機 Heavy Duty Planer Sander

These machines suit heavy-duty cutting like thickness setting of solid wood.

此機適合：實木定厚、拼板等重切削。



**R R N**  
Structural drawing  
構造圖



**P R N**  
Structural drawing  
構造圖



**P N**  
Structural drawing  
構造圖



**YL-920NRP**



**YL-920NP**

### 規格表Specification (Ø300型)

| Model No.:                                  | 型號                 | YL-610NP           | YL-610NRP          | YL-920NP           | YL-920NRP          | YL-1300NP          | YL-1300NRP         |
|---------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度             | 600 mm             | 600 mm             | 900 mm             | 900 mm             | 1300 mm            | 1300 mm            |
| Max. working thickness                      | 最大工作厚度             | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力               | 15, 10 HP          | 15, 15, 10 HP      | 25, 20 HP          | 25, 25, 20 HP      | 30, 25 HP          | 30, 30, 25 HP      |
| Optional power                              | 選購馬力               | 20, 15 HP          | 20, 20, 15 HP      | 30, 25 HP          | 30, 30, 25 HP      | 40, 30 HP          | 40, 40, 30 HP      |
| Feeding power                               | 輸送馬力               | 2 HP               | 3 HP               | 2 HP               | 3 HP               | 5 HP               | 7 1/2 HP           |
| Table hoist power                           | 升降馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Brush roller power                          | 棕刷馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1 HP               | 1 HP               |
| Feeding speed                               | 輸送速度               | 4-26 M/min         | 4-26 M/min         | 4-26 M/min         | 4-26 M/min         | 4-26 M/min         | 4-26 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 2108         | 630 x 2108         | 940 x 2108         | 940 x 2108         | 1320 x 2108        | 1320 x 2108        |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2620         | 630 x 2620         | 940 x 2620         | 940 x 2620         | 1320 x 2620        | 1320 x 2620        |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Spiral cutting head Dia. (mm)               | 螺旋刀直徑              | Ø160               | Ø160               | Ø160               | Ø160               | Ø160               | Ø160               |
| Net weight (kgs)                            | 淨重 (公斤)            | 2100               | 2900               | 3400               | 3900               | 4100               | 5200               |
| Gross weight (kgs)                          | 毛重 (公斤)            | 2350               | 3100               | 3550               | 4050               | 4250               | 5700               |
| Machine size (mm)                           | 機械尺寸               | 2150 x 1440 x 2130 | 2700 x 1440 x 2130 | 2130 x 1700 x 2130 | 2740 x 1700 x 2130 | 2130 x 2000 x 2130 | 2750 x 2000 x 2130 |
| Packing size (mm)                           | 裝箱尺寸               | 2250 x 1500 x 2250 | 2800 x 1500 x 2250 | 2250 x 1800 x 2250 | 2800 x 1800 x 2250 | 2250 x 2100 x 2250 | 2850 x 2100 x 2250 |



**YL-610NRP**



**YL-1300NRP**



## 標準型寬帶砂光機

### Standard Wide Belt Sander

These machines suit solid wood, panels and thin sheets sanding.

此機適合：實木砂光使用、拼板、薄片砂光。



**R R**  
Structural drawing  
構造圖



**R R R**  
Structural drawing  
構造圖



**P R**  
Structural drawing  
構造圖



**P R R**  
Structural drawing  
構造圖



**YL-52RRP**



**YL-37RP**

### 規格表Specification (Ø220型)

| Model No.:                                  | 型號                 | YL-25RP            | YL-25RRP           | YL-37RP            | YL-37RRP           | YL-52RP            | YL-52RRP           |
|---------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度             | 600 mm             | 600 mm             | 900 mm             | 900 mm             | 1300 mm            | 1300 mm            |
| Max. working thickness                      | 最大工作厚度             | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力               | 15, 10 HP          | 20, 15, 10 HP      | 20, 15 HP          | 20, 20, 15 HP      | 25, 20 HP          | 30, 25, 20 HP      |
| Optional power                              | 選購馬力               | 20, 15 HP          | 25, 20, 15 HP      | 25, 20 HP          | 25, 25, 20 HP      | 30, 25 HP          | 40, 30, 25 HP      |
| Feeding power                               | 輸送馬力               | 2 HP               | 3 HP               | 2 HP               | 3 HP               | 3 HP               | 5 HP               |
| Table hoist power                           | 升降馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Feeding speed                               | 輸送速度               | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 1905         | 630 x 1905         | 940 x 1905         | 940 x 1905         | 940 x 1905         | 940 x 1905         |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2108         | 630 x 2108         | 940 x 2108         | 940 x 2108         | 1320 x 2108        | 1320 x 2108        |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                            | 淨重 (公斤)            | 1500               | 2100               | 1900               | 2500               | 3350               | 4120               |
| Gross weight (kgs)                          | 毛重 (公斤)            | 1750               | 2400               | 2150               | 2750               | 3700               | 4700               |
| Machine size (mm)                           | 機械尺寸               | 1900 x 1450 x 2050 | 2600 x 1450 x 2050 | 1900 x 1700 x 2130 | 2600 x 1700 x 2130 | 2250 x 2000 x 2130 | 2800 x 2000 x 2130 |
| Packing size (mm)                           | 裝箱尺寸               | 2000 x 1560 x 2200 | 2700 x 1560 x 2200 | 2000 x 1850 x 2250 | 2700 x 1850 x 2250 | 2400 x 2100 x 2250 | 2900 x 2100 x 2250 |



**YL-37RRP**



**YL-52RP**



## 標準型鉋木砂光機

### Standard Planer Sander

Sanding for piece-up planed wood.

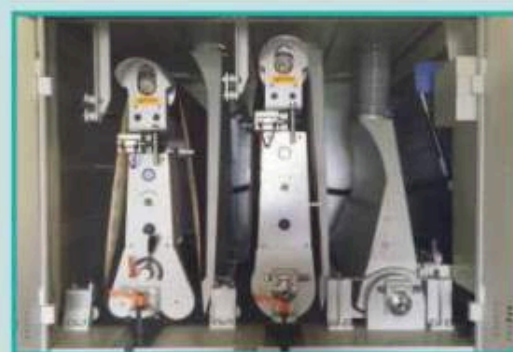
此機適合：拼板鉋木砂光使用。



Sectional blank holder  
分節式壓料板



R N  
Structural drawing  
構造圖



P R N  
Structural drawing  
構造圖



YL-52NRP



YL-37NRP



YL-37NP

### 規格表Specification (Ø220型)

| Model No.:                                  | 型號                 | YL-25NP            | YL-25NRP           | YL-37NP            | YL-37NRP           | YL-52NP            | YL-52NRP           |
|---------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度             | 600 mm             | 600 mm             | 900 mm             | 900 mm             | 1300 mm            | 1300 mm            |
| Max. working thickness                      | 最大工作厚度             | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                              | 標準馬力               | 15, 10 HP          | 15, 15, 10 HP      | 20, 15 HP          | 20, 20, 15 HP      | 25, 20 HP          | 25, 25, 20 HP      |
| Optional power                              | 選購馬力               | 20, 15 HP          | 20, 20, 15 HP      | 25, 20 HP          | 25, 25, 20 HP      | 30, 25 HP          | 30, 30, 25 HP      |
| Feeding power                               | 輸送馬力               | 2 HP               | 3 HP               | 2 HP               | 3 HP               | 3 HP               | 5 HP               |
| Table hoist power                           | 升降馬力               | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Feeding speed                               | 輸送速度               | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         | 6-26 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸               | 630 x 1950         | 630 x 1950         | 940 x 1950         | 940 x 1950         | 1320 x 1950        | 1320 x 1950        |
| Sanding belt measurement (mm)               | 砂帶尺寸 (optional 選配) | 630 x 2180         | 630 x 2180         | 940 x 2180         | 940 x 2180         | 1320 x 2180        | 1320 x 2180        |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓               | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Spiral cutting head Dia. (mm)               | 螺旋刀直徑              | Ø125               | Ø125               | Ø160               | Ø160               | Ø160               | Ø160               |
| Net weight (kgs)                            | 淨重 (公斤)            | 1500               | 2100               | 1900               | 2500               | 3500               | 4120               |
| Gross weight (kgs)                          | 毛重 (公斤)            | 1750               | 2400               | 2150               | 2750               | 3700               | 4700               |
| Machine size (mm)                           | 機械尺寸               | 1900 x 1450 x 2050 | 2600 x 1450 x 2050 | 1900 x 1700 x 2130 | 2600 x 1700 x 2130 | 2250 x 2000 x 2130 | 2800 x 2000 x 2130 |
| Packing size (mm)                           | 裝箱尺寸               | 2000 x 1560 x 2200 | 2700 x 1560 x 2200 | 2000 x 1850 x 2250 | 2700 x 1850 x 2250 | 2400 x 2100 x 2250 | 2900 x 2100 x 2250 |



## 經濟型寬帶砂光機

### Economy Wide Belt Sander

These machines suit light duty sanding.

此機適合：實木定厚、輕量砂光使用。



**R R**  
Structural drawing  
構造圖



**P R**  
Structural drawing  
構造圖



**YL-2560RP**



**YL-3760RP**

#### 規格表Specification (Ø180型)

| Model No.:                                  | 型號     | YL-2560RP          | YL-3760RP          |
|---------------------------------------------|--------|--------------------|--------------------|
| Max. working width                          | 最大工作寬度 | 600 mm             | 900 mm             |
| Max. working thickness                      | 最大工作厚度 | 150                | 150                |
| Standard power                              | 標準馬力   | 15, 10 HP          | 20, 15 HP          |
| Optional power                              | 選購馬力   | 20, 15 HP          | 25, 20 HP          |
| Feeding power                               | 輸送馬力   | 2 HP               | 2 HP               |
| Table hoist power                           | 升降馬力   | 1/2 HP             | 1/2 HP             |
| Feeding speed                               | 輸送速度   | 6-26 M/min         | 6-26 M/min         |
| Sanding belt measurement (mm)               | 砂帶尺寸   | 630 x 1524         | 940 x 1524         |
| Air pressure required (kg/cm <sup>2</sup> ) | 使用氣壓   | 6                  | 6                  |
| Net weight (kgs)                            | 淨重(公斤) | 1360               | 1750               |
| Gross weight (kgs)                          | 毛重(公斤) | 1560               | 2000               |
| Machine size (mm)                           | 機械尺寸   | 1900 x 1300 x 1880 | 1900 x 1550 x 1950 |
| Packing size (mm)                           | 裝箱尺寸   | 2000 x 1400 x 2100 | 2000 x 1750 x 2150 |

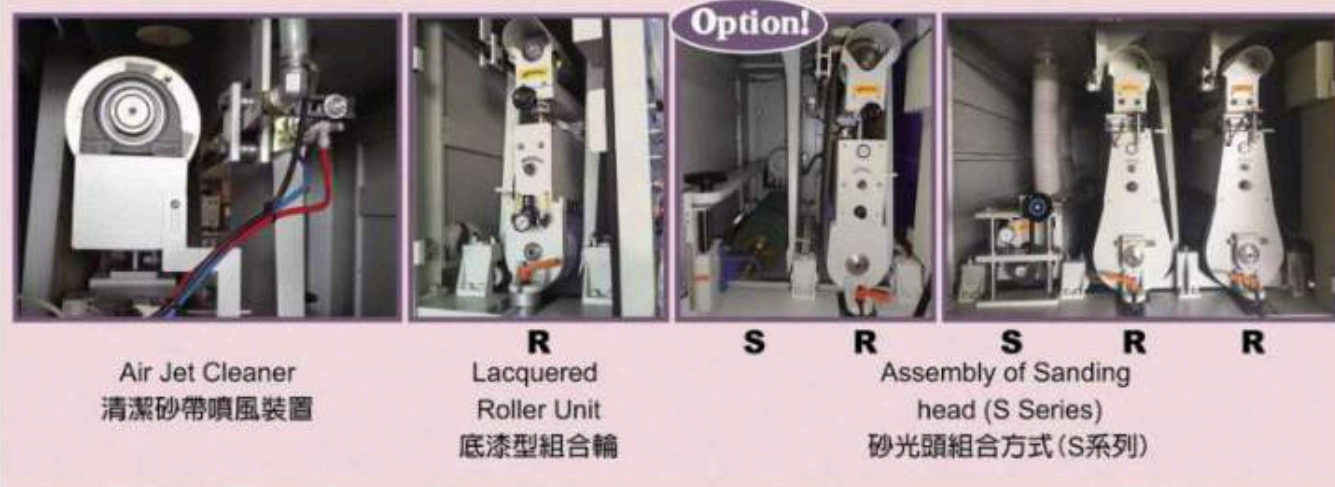


## 底漆型寬帶砂光機

### Lacquered Wide Belt Sander

These machines suit second process on UV & PU lacquered sheet.

此機適合:UV、PU二度漆砂光使用。



YL-920RRS

#### 規格表Specification (Ø180型、Ø220型Ø300型)

| Model No.:                                       | 型號      | YL-610R            | YL-920R            | YL-1300R           | YL-610RS           | YL-920RS           | YL-1300RS          |
|--------------------------------------------------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Max. working width                               | 最大工作寬度  | 600 mm             | 900 mm             | 1300 mm            | 600 mm             | 900 mm             | 1300 mm            |
| Max. working thickness                           | 最大工作厚度  | 130                | 130                | 130                | 130                | 130                | 130                |
| Standard power                                   | 標準馬力    | 5 HP               | 7 1/2 HP           | 15 HP              | 5, 2 HP            | 7 1/2, 3 HP        | 15, 5 HP           |
| Optional power                                   | 選購馬力    | 7 1/2 HP           | 10 HP              | 20 HP              | 7 1/2, 3 HP        | 10, 5 HP           | 20, 7 1/2 HP       |
| Feeding power                                    | 輸送馬力    | 2 HP               | 2 HP               | 3 HP               | 2 HP               | 3 HP               | 5 HP               |
| Table hoist power                                | 升降馬力    | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             | 1/2 HP             |
| Brush roller power                               | 棕刷輪馬力   | 1/2 HP             | 1/2 HP             | 1 HP               | 1/2 HP             | 1/2 HP             | 1 HP               |
| Feeding speed                                    | 輸送速度    | 6-18 M/min         | 6-18 M/min         | 6-18 M/min         | 6-18 M/min         | 6-18 M/min         | 6-18 M/min         |
| Sanding belt measurement (mm) 砂帶尺寸               |         | 630 x 1524         | 940 x 1905         | 1320 x 1905        | 630 x 1905         | 940 x 1905         | 1320 x 1905        |
|                                                  |         | 630 x 1905         | 940 x 2108         | 1320 x 2108        | 630 x 2108         | 940 x 2108         | 1320 x 2108        |
|                                                  |         | 630 x 2108         | 940 x 2620         | 1320 x 2620        | 630 x 2620         | 940 x 2620         | 1320 x 2620        |
| Air pressure required (kg/cm <sup>2</sup> ) 使用氣壓 |         | 6                  | 6                  | 6                  | 6                  | 6                  | 6                  |
| Net weight (kgs)                                 | 淨重 (公斤) | 750                | 1280               | 2500               | 1280               | 1750               | 3300               |
| Gross weight (kgs)                               | 毛重 (公斤) | 900                | 1400               | 2700               | 1550               | 1950               | 3600               |
| Machine size (mm)                                | 機械尺寸    | 1500 x 1300 x 1880 | 1650 x 1700 x 2000 | 2000 x 1800 x 2130 | 1900 x 1300 x 1880 | 1900 x 1700 x 2000 | 2250 x 2000 x 2130 |
| Packing size (mm)                                | 裝箱尺寸    | 1550 x 1350 x 2100 | 1700 x 1850 x 2100 | 2050 x 1900 x 2250 | 1950 x 1350 x 2100 | 1950 x 1850 x 2100 | 2300 x 2050 x 2250 |



YL-2560R



YL-25RS





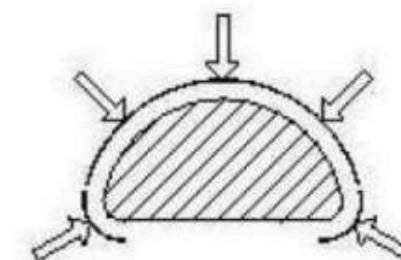
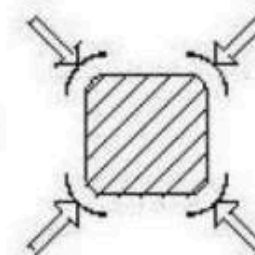
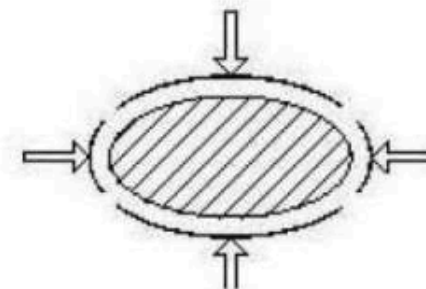
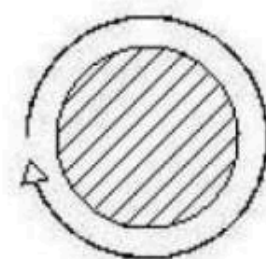
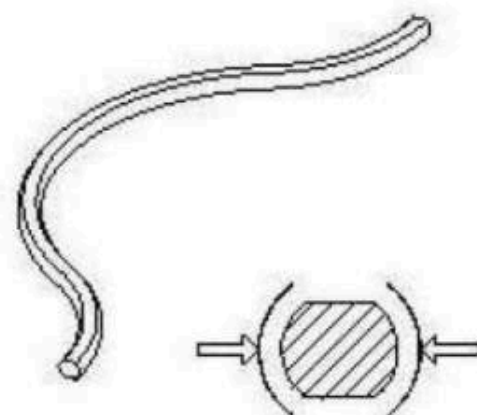
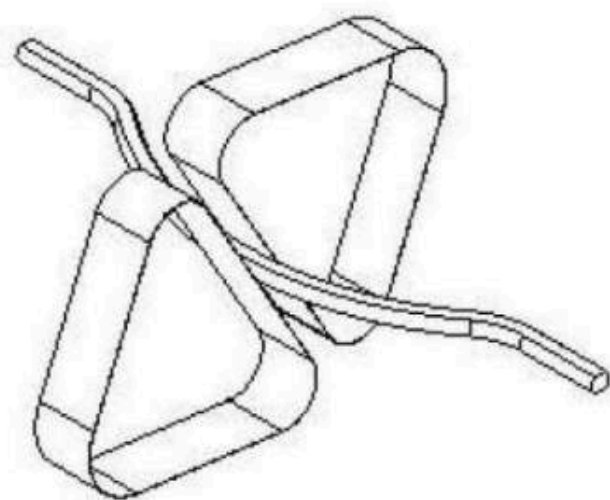




YL-420

圓形曲物砂光機 Round Section Curved Sander

|                           |         |
|---------------------------|---------|
| 最短長度 Min. length          | 350mm   |
| 最小 R 角 Min. arch:         | R200    |
| 最小彎曲半徑 Min. curved radius | 400mm   |
| 圓棒直徑範圍 Circular diameter  | 10~80mm |



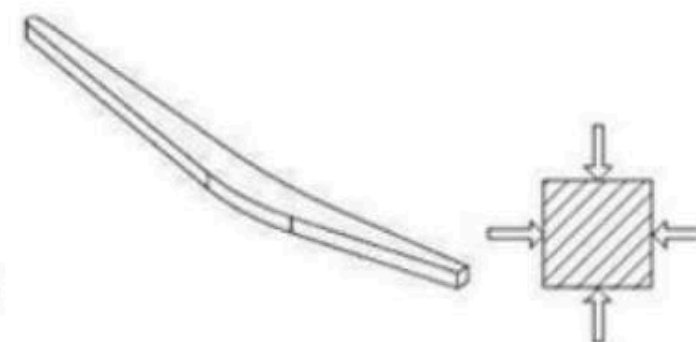
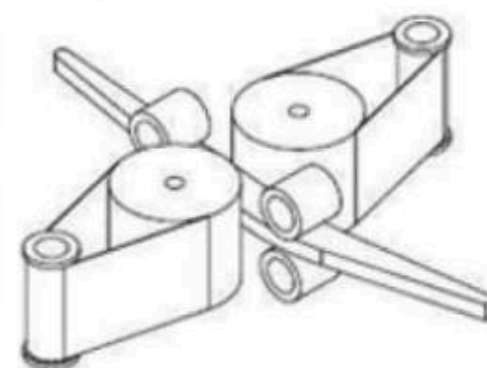




YL-506U

雙面曲型砂光機 2-side Curved Sander

|           |            |
|-----------|------------|
| 長度 Length | 270~1500mm |
| 寬度 Width  | 15~75mm    |
| 高度 Height | 25~75mm    |

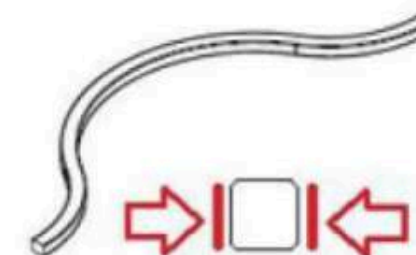
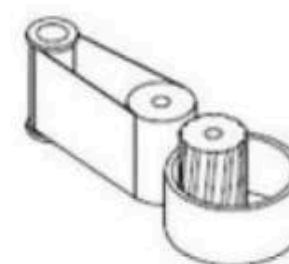




YL-6LA/12LA

單面立式砂光機 Single-side Curved Sander

|                             | YL-6LA               | YL-12LA              |
|-----------------------------|----------------------|----------------------|
| 長度 Length                   | 100~1200mm           | 100~1200mm           |
| 寬度 Width                    | 5~100mm              | 5~100mm              |
| 高度 Height                   | 25~150mm             | 25~300mm             |
| 工作台尺寸<br>Working table size | (L)1025mm x (W)700mm | (L)1025mm x (W)700mm |



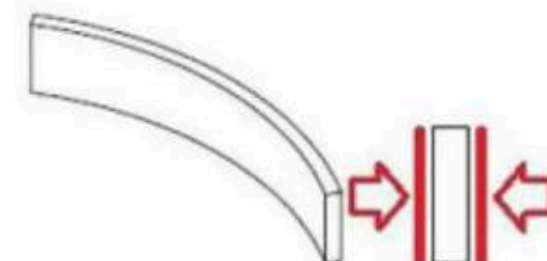
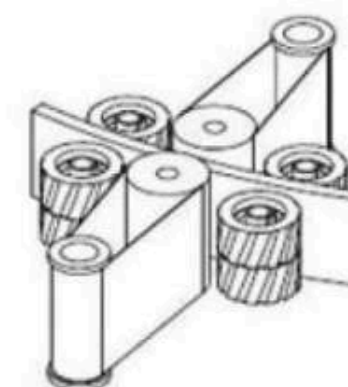


YL-506NE250/300、GF-512NE250/300

雙面立式砂光機 2-side Curved Sander



|           | YL-506NE250/300 | YL-512NE250/300 |
|-----------|-----------------|-----------------|
| 長度 Length | 250/300~1500mm  | 250/300~1500mm  |
| 寬度 Width  | 6~100mm         | 6~100mm         |
| 高度 Height | 25~150mm        | 25~300mm        |



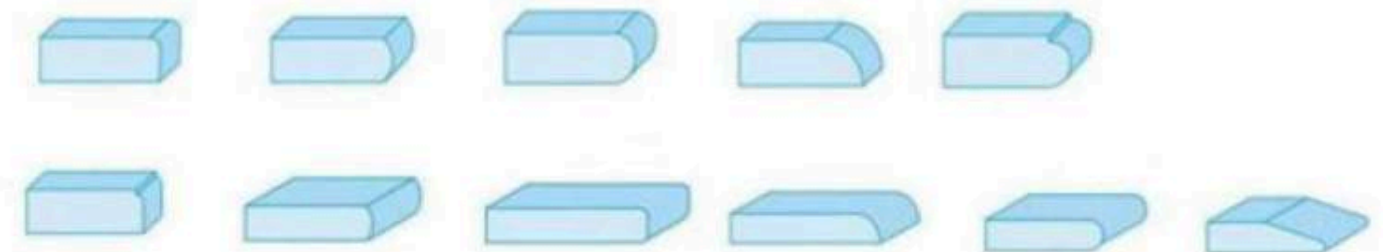
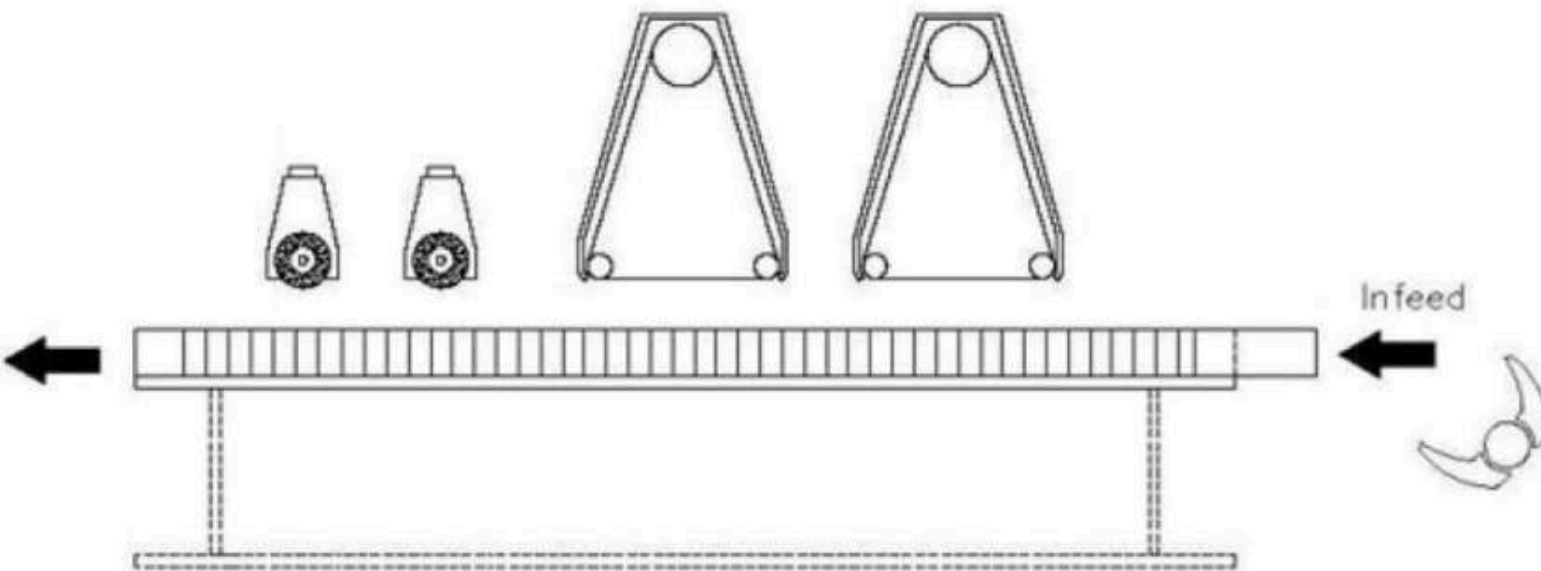


YL-S2B2  
曲緣砂光機 Profile Sander

|           | 最小 Min.                            | 最大 Max. |
|-----------|------------------------------------|---------|
| 長度 Length | 滾輪式壓料: 300mm up<br>皮帶式壓料: 200mm up |         |
| 寬度 Width  | 75mm                               | 1800mm  |
| 高度 Height | 5mm                                | 80mm    |

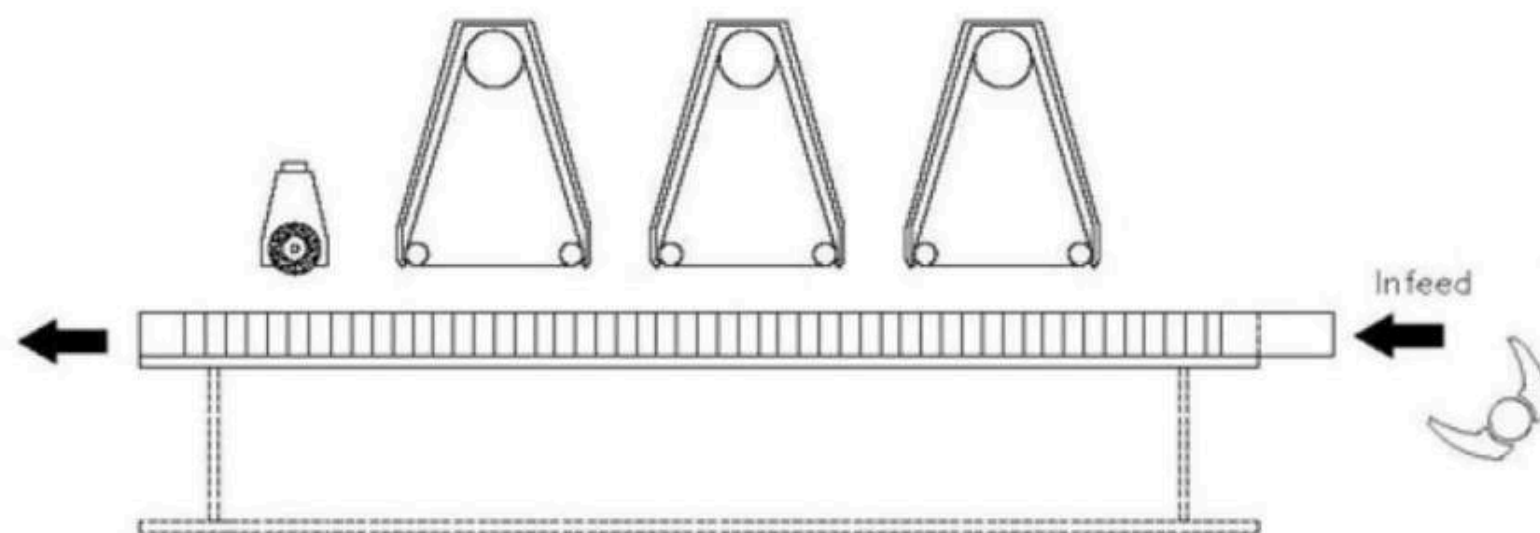
機械之頭部配置、規格可依加工物之形狀、尺寸範圍、砂光需求設計

Sanding unit equipments and specification of machine are designed by profile、size of work pieces and sanding requirements.





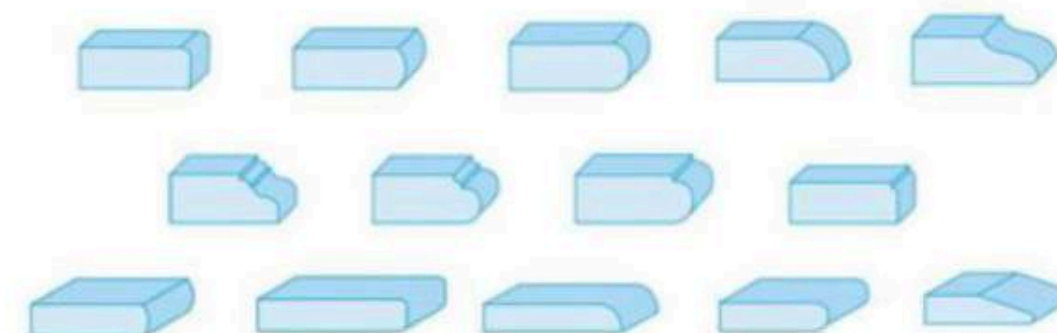
YL-S3B1  
曲緣砂光機 Profile Sander



|           | 最小 Min.                            | 最大 Max. |
|-----------|------------------------------------|---------|
| 長度 Length | 滾輪式壓料: 300mm up<br>皮帶式壓料: 200mm up |         |
| 寬度 Width  | 75mm                               | 1800mm  |
| 高度 Height | 5mm                                | 80mm    |

機械之頭部配置、規格可依加工物之形狀、尺寸範圍、砂光需求設計

Sanding unit equipments and specification of machine are designed by profile、size of work pieces and sanding requirements.





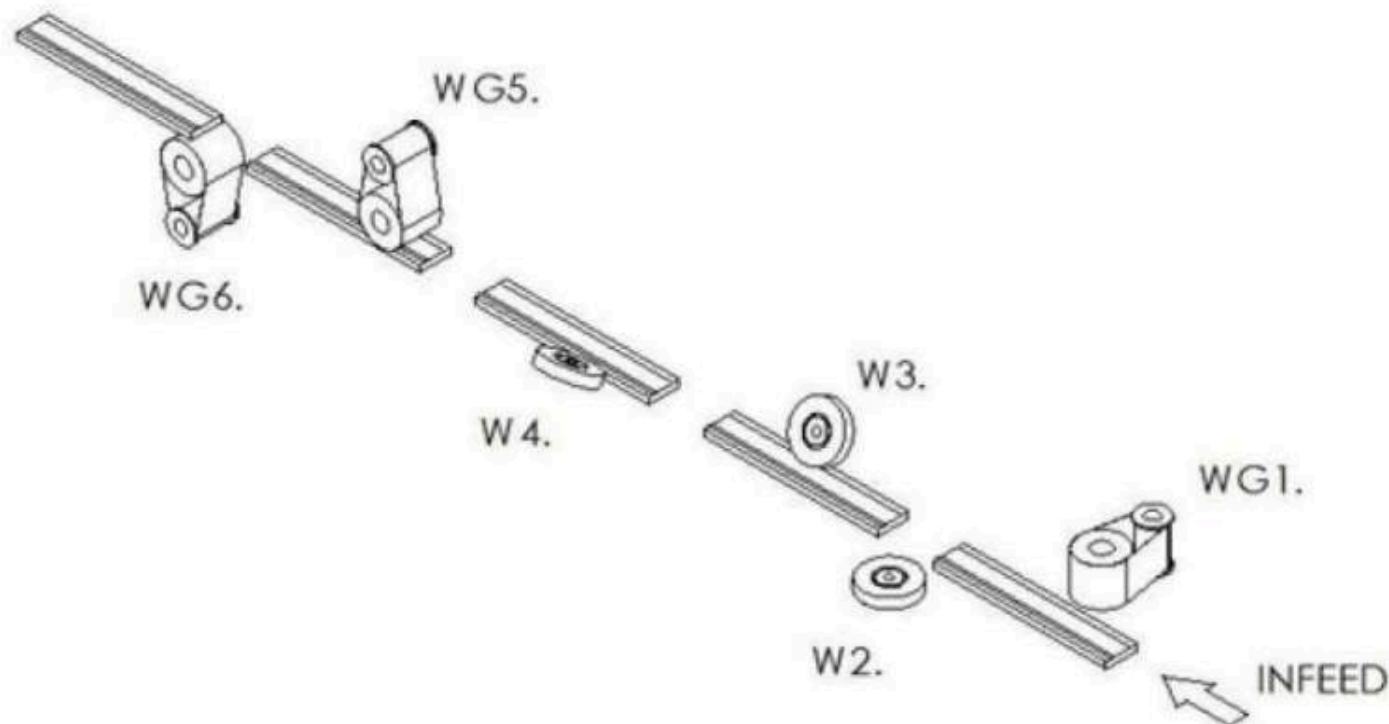
# YL-WG3W3

## 異形飾條砂光機Molding Sander

|           | 最小 Min.  | 最大 Max. |
|-----------|----------|---------|
| 長度 Length | 500mm up |         |
| 寬度 Width  | 15mm     | 100mm   |
| 高度 Height | 15mm     | 80mm    |

機械之頭部配置、規格可依加工物之形狀、尺寸範圍、砂光需求設計

Sanding unit equipments and specification of machine are designed by profile、size of work pieces and sanding requirements.





## 電腦裁板機

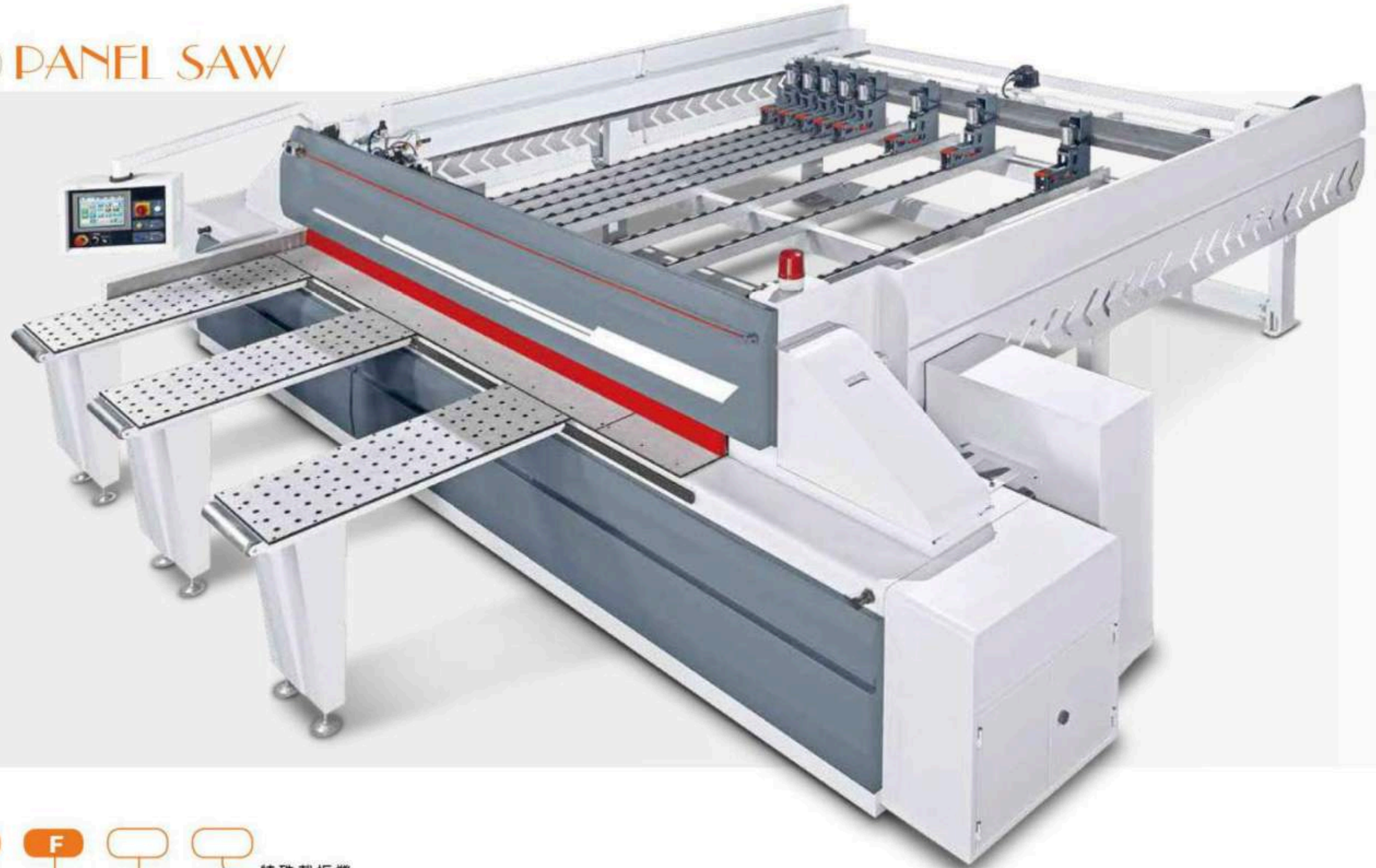
## COMPUTERIZED PANEL SAW

High Precision !  
Easy To Operate !

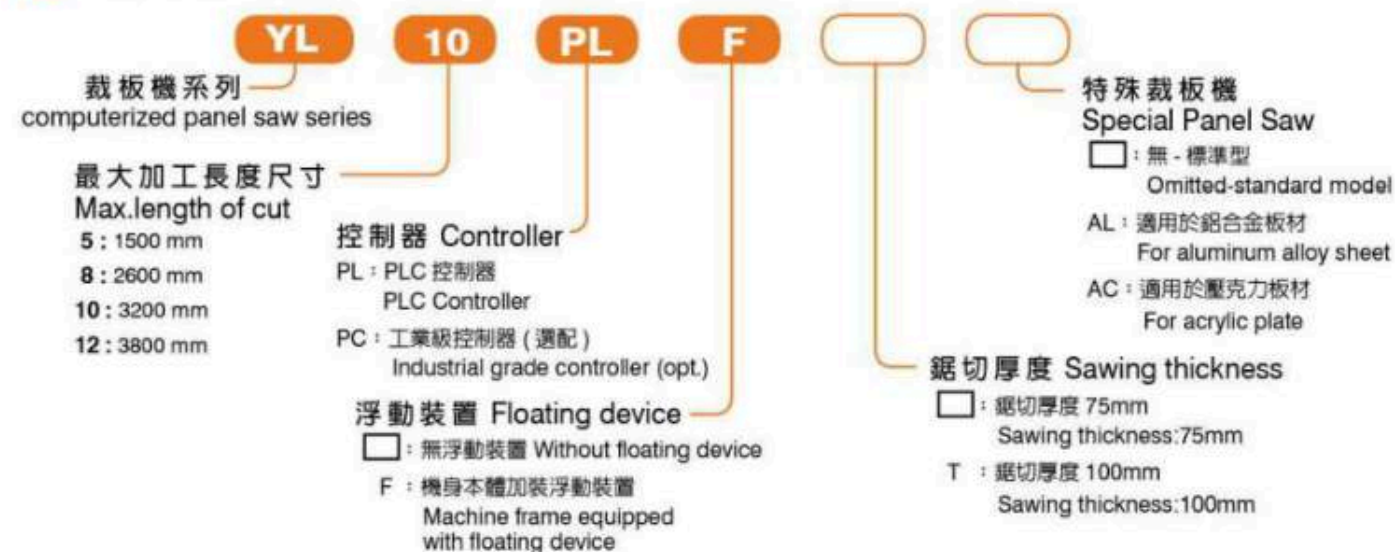
With features of high precision and high efficiency, computerized panel saw has been fully satisfied with each customer. The computerized panel saw is equipped with a well-planned computer control, making the panel cutting easier and more efficient.

## 精密！操作簡單！

以精密、高效率裁板深受使用者肯定的電腦裁板機，搭載完善規劃的電腦控制器。使裁板作業更簡易、更高效率。



## 型號示意說明 /



- Colorful touch-sensing screen.
- Saw carriage travels controlled through a frequency inverter for variable speed change.
- Panel feed mechanism is driven by a Japan Mitsubishi servo motor.
- Panel feed is transmitted through precision rack.
- Automatic lubrication system.

- 彩色觸控螢幕。
- 鋸座移動經變頻器控制，具無段變速。
- 送料座採日本三菱伺服馬達驅動。
- 送料經精密排齒傳動。
- 自動潤滑系統。



## 入料端

**Floating Table**

- The machine is equipped with 3 sets of floating tables for mounting in front of the machine.
- The floating table employs nylon balls floating principle, allowing panel to be moved without effort.
- Ruggedly constructed floating table features outstanding stability.
- The 3 sets of floating table uses a high-pressure blower, providing increased loading capacity.

**Collision Free Device for Piano-key Type Dust Guard**

With the special design of an additional sensing point, it can prevent wood panel from colliding against the piano-key type dust guard.

**浮動工作台**

- 本機裝置三組浮動台於機器前端。
- 浮動工作台採用尼龍珠浮動設計，使板料移動輕巧、不費力。
- 浮動工作台結構高剛性，高穩定性。
- 三組浮動工作台共用一個高壓送風機，可提升工作台荷重能力。

**琴鍵式防護片不碰撞裝置**

特殊設計增加感應點，以防止板料撞擊琴鍵式防護片。

**Auxiliary Operation Panel**

An auxiliary operation panel is mounted on the front of the second floating table, which provides added convenience for wood panel infeed cutting. The switches on the operation panel provide following functions:

- Single cutting mode
- Hold
- Automatic cutting mode
- Emergency

**輔助操作面板**

輔助操作面板安裝在此第二浮動台之前端，可提供板料入料裁切之方便性。面板開關功能包括：

- 單機裁切模式
- 暫停
- 自動裁切模式
- 緊急停止

**High Pressure Air Blower**

The three sets of floating tables of the machine employ only one set of high pressure air blower. It features high pressure and great air flow, providing powerful floating force to each floating table.

**高壓鼓風機**

本機之三組浮動工作台，共用一個高壓鼓風機，具有高壓、大風量特色。以提供浮動工作台強勁的浮力。

**Automatic Side Pressing Device for Panel**

The machine is equipped with two automatic side pressing rollers. Before performing panel cutting, the side pressing rollers will press the panel against the fence. This may ensure high squareness accuracy after cutting.

**自動靠料裝置**

本機附有兩支自動靠料滾輪。執行板料裁切之前，靠料滾輪會先將板料推向導板靠齊，以確保裁切後之垂直角度。

**Adjustable Pressure on Side Pusher**

Even when pressure is adjusted to 0.5 bar, smooth motion still can be maintained.

**靠料推桿壓力可調**

當壓力調至 0.5 bar 時，仍可保持動作的順暢性。

**Side Pressing Through Heavy Duty Worm Gear Reducer**

The side pressing mechanism is transmitted through a heavy duty gear reducer for increasing transmission torque, which leads to effortless and smooth side pressing motions.

**靠料機構附大型蝸輪減速傳動**

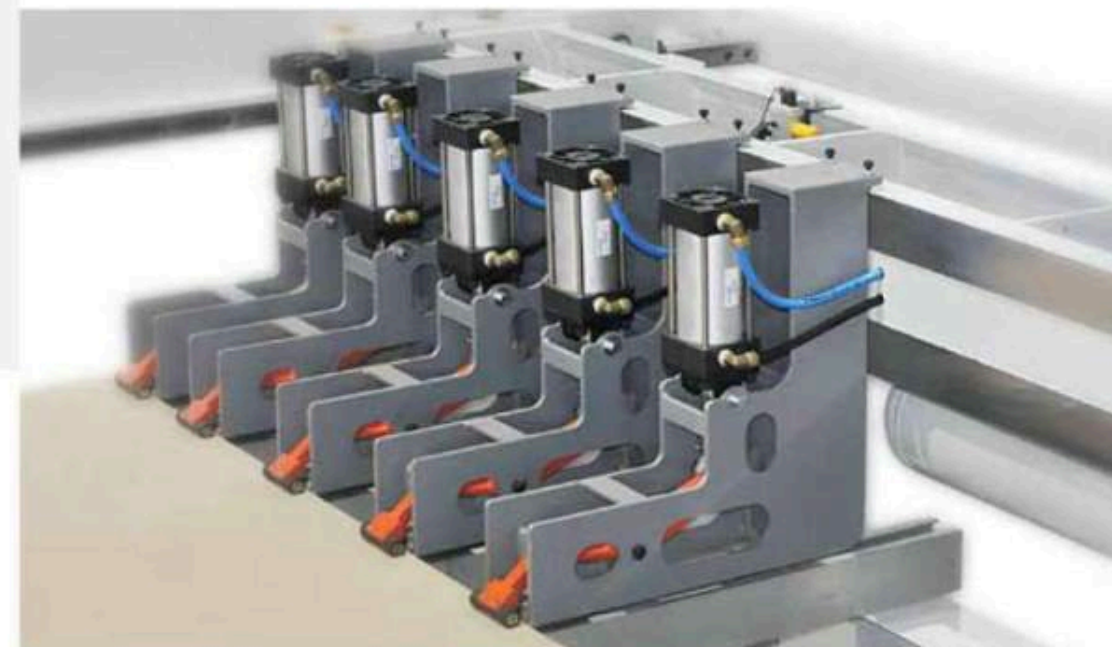
靠料機構經由蝸輪減速機傳動，可提升傳動扭力，使靠料動作更輕巧順暢。

**Side Press Positioning Calculated Through Encoder**

- Unlike the conventional sensor used for controlling side press positioning, this machine employs an encoder for calculating positioning during side press. It does not require repetitive home position return for calculating distance. This feature not only avoids an erroneous judgement while ensuring positioning accuracy.
- Automatic home position return when power on.
- Home position return is automatically performed after every 20 times of side pressing.

**譯碼器定位靠料演算**

- 屏除傳統感應式靠料定位，無須每次再次回歸原點再計算距離，本機採用譯碼器定位靠料演算，有效避免誤判情況，進而確保定位精度。
- 開機自動原點復歸。
- 每 20 次靠料，自動原點復歸。

**Panel Feeding Mechanism****送料機構****Suspending Gripper System**

- The grippers are suspension designed for increased smoothness in panel feeding.
- Maximum gripping thickness in 95 mm.
- Each gripper is activated by individual air cylinder with adjustable air pressure.
- The gripper is covered with rubber for convenient replacement and reduced consumable part cost.

**懸吊式夾料系統**

- 夾具為懸吊式設計，使推料更順暢。
- 最大夾料厚度 95 mm。
- 每支夾具採用個別氣壓缸致動。壓力為可調式。
- 夾爪為金屬包覆橡膠，方便使用者更換，降低耗材成本。



**Air Reservoir for Panel Gripping System**

The air reservoir provides a stable air supply to panel gripping system that makes panel gripping more secure.

**Panel Feed Driven by Servo Motor**

- The machine employs Japan Mitsubishi high performance servo motor for panel feed drive, allowing high accuracy positioning and fast movement.
- High torque output ensures excellent positioning accuracy even feeding heavy panels.

**夾料儲氣桶**

提供穩定夾料氣壓壓力源，板料夾持更牢固。

**送料機構伺服馬達驅動**

- 本機之送料機構採用日本三菱高性能伺服馬達驅動，具有定位精準、移動快速特性。
- 輸出扭力大，對於厚重板料，也具有極佳定位精度。

**Adjustable Gripping Pressure**

The pressure on each gripper is adjustable, which allows the operator to adjust the most proper pressure that avoids damage to panel surfaces.

**夾料壓力可調**

工夾夾料壓力為可調式，讓操作者可調整到最適當的夾料壓力，以避免損傷板料表面。

**Feed Transmitted Through Rack**

- Precision racks are mounted at both sides of the panel feed mechanism to assure panel feed motion smoothness.
- Automatic lubrication to rack surfaces for increased smoothness of panel feed motion.

**送料排齒傳動機構**

- 送料機構兩邊配置精密排齒/齒輪傳動，提供板料送料動作之順暢性。
- 排齒採用自動潤滑裝置，使送料動作更順暢。

**Feed Driven Through Precision Gear**

The machine uses Swiss made high precision rack to effectively upgrades dimensional accuracy and service life.

- For 20mm rack, feed speed is 35m/min (standard).
- For 25mm rack, feed speed is 53m/min (optional).

**送料傳動精密齒輪**

採用瑞士高精度齒排以有效提升尺寸精準度及使用壽命。

- 齒排 20mm，送料速度 35m / 分 (標準)。
- 齒排 25mm，送料速度 53m / 分 (選購)。

**SAW CARRIAGE 鋸座**

The saw carriage is a critical mechanism of a panel saw. emphasizes precision machining for each part on the saw carriage, which is then carefully assembled. Besides, each saw carriage is long-time tested before mounting on a panel saw.

**Features of Saw Carriage:**

- Saw carriage feed is transmitted through a steel wire.
- Variable feed speed of saw carriage.
- The scoring sawblade allows for vertical and right/left adjustment.
- The saw carriage stroke is controlled by computer setting.

鋸座是裁板機的核心機構。對於鋸座的每一個零組件施以精密加工，並以最嚴謹的態度組裝鋸座。經長時間測試後，再安裝到機器上。

**鋸座特性**

- 鋸座進給採用鋼索傳動。
- 鋸座進給無段變速。
- 副鋸可作上下及左右調整。
- 鋸座行程，採用電腦設定參數，自動演算控制鋸切行程。



## HUMAN MACHINE INTERFACING CONTROL

### 人機介面控制器 (標準配備)

The personified human-machine interfacing control is designed with operational convenience in mind, including sizes editing, cutting motions control and monitoring, etc. This makes panel cutting operations easy and efficient.

computerized panel saw is equipped with a multi-function human-machine interfacing control.

All displays are carefully planned, that dramatically increases convenience of operation. In addition, the error display allows for increased convenience in maintenance.

人性化設計的人機介面控制器，無論是尺寸編輯、裁切動作操控、或動作監視等功能，都是從使用者角度思考，使裁板作業更簡易、更有效率。

電腦數板機，採用功能完善的彩色人機介面控制。所有畫面經過精心規劃，除了提供操作者最簡易的操作，並且具有異常顯示，大幅提升維修的方便性。



#### Variable Feed Speed of Saw Carriage

- The saw carriage feed is driven by a 2HP motor combined with frequency inverter control, allowing for variable speed change. This makes the machine suitable for cutting various materials of panel.
- The saw carriage feed speed can be adjusted by turning a speed regulation knob, provided on the control panel.

#### 鋸座進給無段變速

- 鋸座進給採用 2HP 馬達驅動，再經變頻器控制，提供無段變速。適合各種材質之板料裁切。
- 鋸座進給速度可由操作面板上之旋鈕調整。



#### Germany FESTO Pneumatic Parts

The pneumatic systems used on this series of machines, such as pressure regulation valves, solenoid valves, air circuit board and filter / regulator / lubricator combination unit, are world-famous Germany FESTO pneumatic parts. Hence, smooth pneumatic motions and long parts life can be obtained.

#### 德國 FESTO 氣壓控制元件

全系列機種之氣壓系統所使用之調壓閥、電磁閥、風路板、三點組合，均使用世界名牌-德國 FESTO 品牌之氣壓元件，確保氣壓動作之順暢及元件使用壽命。

## OPTIONAL EQUIPMENT

### 選購

## INDUSTRIAL GRADE PC COMPUTER

### PC 工業級電腦

Colorful Touch Screen! 彩色觸控螢幕!  
Easy Operation! 操作最簡易!



- Industrial grade touch-screen.
- Machine motions operation interface.
- Manual pattern layout editing on PC.
- Cutting pattern preview.
- HMI editing panel cutting.
- Single cut made.
- Remote monitoring.

- 工業級觸碰螢幕
- 機械動作操作介面
- PC 手動編程排版
- 裁板圖示預覽
- 人機編輯裁板
- 簡易單刀裁板
- 遠端監控



#### Bar Code Printer (Optional)

- Applicable for printing cut sizes, customer names and product names.
- To support online management of computer.
- Customer should purchase scanner.

#### 條碼機 (選購)

- 條碼機適用於列印裁切尺寸、客戶名稱、產品名稱。
- 支援電腦連線管理。
- 掃描器客戶需自行購買。





### European Automatic Pattern Layout System (Optional)

- Inventory quantity and panel information.
- Pattern layout cutting.
- Automatic calculation for pattern layout.
- Finished product module file.
- Delivery order record.
- Production order memorandum.
- Check of finished job sheet.

### 歐洲自動排版系統 (選購)

- 庫存量、板類資訊。
- 工作排單裁切。
- 自動排版演算。
- 成品模組建檔。
- 裁切出貨單記錄。
- 生產單號備忘錄。
- 完成工單紀錄查詢。

### Machine Table Floating (Optional)

- With special design of floating function on the machine table, it may prevent panel surfaces from scratching for panels laminated with decorative boards at both sides. Another benefit is to make panel feed more smoothly.
- Equipped with a 3HP high pressure air blower.

### 機身主體台面浮動 (選購)

- 特殊設計的機身台面浮動功能，針對雙面貼飾板之板料，有效避免薄片表面刮傷。並切送料更輕巧。
- 搭配 3HP 高壓鼓風機。

### Patented Optical Grating (Optional)

- The exclusively designed optical grating has been patented in R.O.C with patent number M454307.
- The optical grating is mounted at the end of the floating table. In case a personnel is sensed by the light beam, the machine stops automatically. It provides safety protection for the operator when removing waste materials.

### 專利感應光柵 (選購)

- 獨特設計之感應光柵，榮獲中華民國專利 M454307。
- 感應光柵安裝在浮動台之後端，當操作者被光束感應到時，機器即自動停機，以確保操作者在移除廢料時之安全性。

### Laser Unit (Optional)

This machine is available to equip with an laser unit for indicating cutting path.

### 鐳射鋸路顯示 (選購)

本機可加裝鐳射，可精準的指示鋸路位置。

## SPECIFICATIONS 規格

| MODEL                       | 型 式          | YL-5PL             | YL-8PL             | YL-10PL            | YL-12PL            |
|-----------------------------|--------------|--------------------|--------------------|--------------------|--------------------|
| Cutting length              | 鋸切長度         | 1500 mm            | 2600 mm            | 3200 mm            | 3800 mm            |
| Cutting thickness           | 鋸切厚度         | 75 mm              | 75 mm              | 75 mm              | 75 mm              |
| <b>Main sawblade 主鋸片</b>    |              |                    |                    |                    |                    |
| Blade diameter              | 鋸片直徑         | ø350 mm            | ø350 mm            | ø350 mm            | ø350 mm            |
| Arbor diameter              | 鋸軸直徑         | ø1"                | ø1"                | ø1"                | ø1"                |
| Speed                       | 鋸軸轉速         | 4200 RPM           | 4200 RPM           | 4200 R PM          | 4200 RPM           |
| <b>Scoring sawblade 副鋸片</b> |              |                    |                    |                    |                    |
| Blade diameter              | 鋸片直徑         | ø180 mm            | ø180 mm            | ø180 mm            | ø180 mm            |
| Arbor diameter              | 鋸軸直徑         | ø1"                | ø1"                | ø1"                | ø1"                |
| Speed                       | 鋸軸轉速         | 6500 RPM           | 6500 RPM           | 6500 RPM           | 6500 RPM           |
| Feed forward speed          | 前進行程速度       | 9~37 M/min         | 9~37 M/min         | 9~37 M/min         | 9~37 M/min         |
| Retract speed               | 後退速度         | 67 M/min           | 67 M/min           | 67 M/min           | 67 M/min           |
| Main sawblade motor         | 鋸片驅動馬達       | 15 HP (OP 18、20HP) | 15 HP (OP 18、20HP) | 15 HP (OP 18、20HP) | 15 HP (OP 18、20HP) |
| Saw carriage drive motor    | 鋸座驅動馬達       | 2 HP               | 2 HP               | 2 HP               | 2 HP               |
| High pressure blower motor  | 高壓送風機馬達      | 3 HP               | 3 HP               | 3 HP               | 3 HP               |
| Number of gripper unit      | 夾料座數         | 5 PCS              | 7 PCS              | 8 PCS              | 10 PCS             |
| Number of floating table    | 浮動工作台數       | 2 PCS              | 3 PCS              | 3 PCS              | 4 PCS              |
| Automatic feed system       | 自動送料系統       | 1 kw (AC servo)    | 1 kw (AC servo)    | 1 kw (AC servo)    | 1 kw (AC servo)    |
| Automatic panel feed speed  | 自動送料速度       | 35 M/min           | 35 M/min           | 35 M/min           | 35 M/min           |
| Net / Gross weight          | 淨重 / 毛重      |                    | 4220 / 4750 kg     | 4860 / 5490 kg     | 5500 / 6230 kg     |
| Machine dimensions(LxWxH)   | 機械尺寸 (長x寬x高) |                    | 5440x5588x1645 mm  | 5973x6198x1645 mm  | 6582x6807x1645 mm  |
| Packing dimensions          | 裝箱尺寸         | 20' container      | 20' container      | 20' container      | 40' container      |

### Standard Equipment

- PLC controller
- Emergency rope
- Emergency stop button at back feed area
- Auxiliary operation panel
- Safety stop cover for sawblade replacement
- Infeed floating table
- Feed rate: 35m/min
- Automatic slideways lubrication system
- Adjustable gripping pressure
- Air reservoir for panel gripping system
- Linear guideway for side pressing
- Automatic home position return for positioning
- Adjustable pressure for side pusher
- Worm gear reducer
- Main sawblade motor 15HP, Thickness of cut 75mm.
- Main sawblade diameter: ø350mm
- Spindle transmission belt: 3V belt (3V 450×3 pcs)

### 標準配備

- PLC 控制器
- 緊急停機拉繩
- 後送料區緊急停機按鈕
- 輔助操作面板
- 鋸片更換安全停機護蓋
- 浮動入料台
- 送料速度：35 M/min
- 滑道自動潤滑系統
- 夾料爪壓力可調
- 夾料儲壓筒
- 靠料行程採線性滑軌
- 定位自動原點覆歸
- 側靠料推桿壓力可調
- 蝸輪減速機構
- 主鋸馬力 15HP 鋸切厚度 75mm
- 主鋸片直徑：ø350mm
- 主軸傳動皮帶：3V 皮帶 (3V 450×3 條)

### Optional Equipment

- Industrial grade PC computer controller
- Remote monitoring
- European pattern layout system for automatic pattern layout
- Bar code printer for production management
- Optical grating for safety
- Machine table floating device (incl. high pressure blower)
- Hydraulic lifting platform
- Feed rate: 53m/min. (rack 25mm)
- 18HP, thickness of cut 100mm
- Maximum cutting horsepower 20HP
- Main sawblade diameter: ø405mm
- Timing belts
- Laser unit for indicating cutting path
- Automatic feed system 1.5kw (AC servo)

### 選購配備

- PC 工業電腦控制器
- 遠端監控
- 自動排版、採用歐洲自動排版系統
- 生產管理條碼機
- 安全感應光柵
- 機身主體浮動裝置 (含高壓鼓風機)
- 油壓升降工作台
- 送料速度：53 M/min (齒排 25mm)
- 18HP 鋸切厚度 100mm
- 最大鋸切馬力 20HP
- 主鋸片直徑：ø405mm
- 時規皮帶
- 雷射鋸路顯示
- 自動送料系統 1.5 kw (AC servo)

• All specifications, dimensions and design characteristics are subject to change without prior notice.

• 本公司對產品不斷研究改良，機械規格及設計特性若有變更，恕不另行通知。



## Edge Banding Machine Compact Series

### EDGE BANDING MACHINE

#### MODLE: YL-CE3

Special designed for gluing edges of PVC, melamine or veneer in coil / roll, with thickness from 0.4~1.0 mm. (CE3 upto 3.0 mm) on straight, round or free shaped panels with hot melt glue. It is the most economic manual feed edge bander.



### EDGE BANDING MACHINE

#### MODLE: YL-CM

Also for gluing edges of PVC, melamine or veneer on straight, round or free shaped panel with hot melt glue. However, it is enriched for edging ABS or solid lipping from 0.4 to 3 mm thickness which to be cut to size by a reinforced pneumatic knife.



### EDGE BANDING MACHINE

#### MODLE: YL-CT

Independent working bench for trimming top and bottom edges of PVC, melamine or veneer from 0.4~3.0 mm thickness which equip with bevel cutters driven by hi-frequency motors and electronic inverter.



### RADIUS TRIMMING MACHINE

#### MODLE: YL-RT

Apply trimming cutter with copy device, for trimming any shape of profiled corner up to 3.0 mm edging thickness and standard with buffering unit.



## APPLICATION

- Fill up hot melt glue into the glue pot which is located under table. Max 3 kgs.
- Set up temperature at about 180°C by the indicator of electronic temperature regulator.
- Preset the length of the edge by digital millimeter indicator. To insert the edge into feeding line on table top.
- Turn on the main switch of power supply. Glue to be then heated and melted in about 10 minutes.
- Reset temperature at 160°C Max and 140°C Min on temperature regulator for energy saving.
- Turn on the switch of feed motor only if glue is fully melted in the glue pot. Check it first.
- To hold working panel by hands to approach the fence and standby at the front of pressure roller.
- Then press pedal switch by foot. Push and move panel onto pressure roller as soon as edge feeding out.



#### ■ HOTAIR BLOWER UNIT

For CE3 & CM, to soften 3.0 mm PVC / ABS edgings which could be easy to banding free sharp panel. (Optional on request)



#### ■ MODEL: YL-CE3

In coil / roll form.



#### ■ MODEL: YL-CM

In coil / roll form or wooden strip.

## SPECIFICATION

| MODEL                     |        | YL-CE3                                     | YL-CM             | YL-CT             | YL-RT            |
|---------------------------|--------|--------------------------------------------|-------------------|-------------------|------------------|
| TABLE AREA                | MM     | 1100 x 800                                 |                   | 900 x 700         | 430 x 350        |
| PANEL LENGTH              | MM     | 100 AND UP                                 |                   |                   |                  |
| PANEL WIDTH               | MM     | 65 AND UP                                  |                   | 100 AND UP        |                  |
| PANEL THICKNESS           | MM     | 10~50                                      |                   |                   |                  |
| EDGING THICKNESS          | MM     | 0.4~3.0                                    |                   |                   |                  |
| GLUE POT CAPACITY         | KG     | 3.0                                        |                   |                   |                  |
| HEATING ELEMENT           | KW     | 1.8                                        |                   |                   |                  |
| FEED SPEED                | M.P.R. | 10 / 15 / 20 (3 / 6 / 9 OPTION ON REQUEST) |                   |                   |                  |
| EDGE TRIMMING POWER       | KW(HP) |                                            |                   | 0.56 (0.75) x 2   | 0.5 (0.7)        |
| BUFFING UNIT POWER        | KW(HP) |                                            |                   |                   | 0.38 (0.5)       |
| BUFFING WHEEL SPEED       |        |                                            |                   |                   | 1720             |
| SOFTFORMING PROFILE DEPTH | MM     |                                            |                   |                   | 40               |
| TRIMMING SPINDLE SPEED    | R.P.M. |                                            |                   | 14,400            | 27,000           |
| AIR REQUIREMENT           | BAR    | 6                                          | 6                 |                   |                  |
| WORKING HEIGHT            | MM     | 850                                        |                   |                   |                  |
| WEIGHT (N.W./G.W.)        | KG     | 280 (380)                                  | 350 (450)         | 150 (230)         | 155 (275)        |
| MACHINE SIZE              | MM     | 1520 x 800 x 1000                          | 1520 x 800 x 1000 | 800 x 850 x 1150  | 760 x 680 x 1160 |
| PACKING SIZE              | MM     | 1220 x 910 x 1190                          | 1220 x 910 x 1190 | 1020 x 990 x 1310 | 910 x 790 x 1480 |

We reserve the right for technical modification.



# ***EDGE BANDING MACHINE***



## **We support to provide**

High quality production

High efficiency product

Reliable product

Expert after-sales service





## APPLICATION

The LINEAR series is designed for edging straight panel with hot melt glue thru a feed feed system which consists of top pressure rollers and bottom feed chain.

The STANDARD series is designed for edging either straight or profiled(Softforming) panel with hot melt glue by through feed system which consists of top pressure rollers and bottom feed chain.

The edging material can be of PVC, melamine or veneer in strip or coil.

Solid lippings with a maximum, thickness of 10 mm is for LINEAR series and 25 mm is for STANDARD series. Both are on request.

These universal and versatile machines are ideal production equipment for those of small and large plants which require every kind of application

## FEATURES

Heavy and rigid constructure to ensure necessary accuracy and stability.

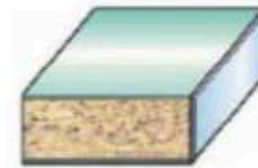
To guarantee straight-fine feed of the panel, a double row of rubber toothed rollers is off-centered onto top pressure bean and the bottom feed track with rubber calibrated pads is running on cylindrical guide.

The top pressure beam is supported with two reinforced columns and equipped with visible linkages for thickness adjustment.

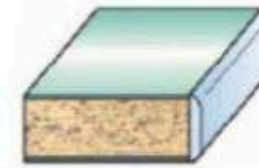
The feed of edging material , in strip/coil , is automatic and synchronously with panel feed.

The electric and pneumatic system is incorporated in the built-in control cabinets.

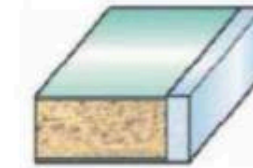
## FOR LINEAR & STANDARD SERIES



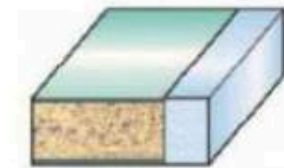
Thin Edging  
0.4~1.0 mm thickness



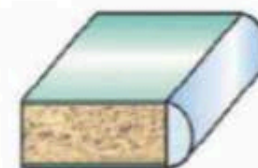
Thick Edging  
1.0~3.0 mm thickness



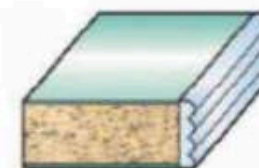
Solid Lipping  
UP to 10.0 mm thickness



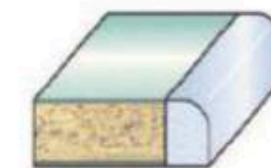
Solid Lipping  
UP to 25.0 mm thickness



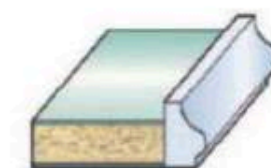
Moulding to Profile



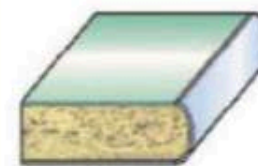
Moulding to Profile



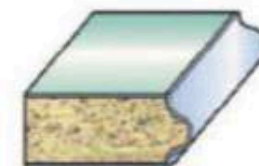
Moulding to Profile



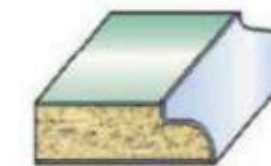
Moulding to Profile



Softforming  
0.4~0.6 mm thickness



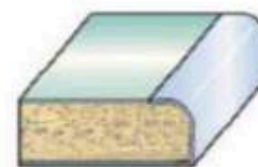
Softforming  
0.4~0.6 mm thickness



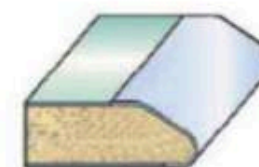
Softforming  
0.4~0.6 mm thickness



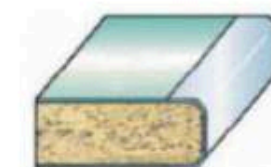
Softforming  
0.4~0.6 mm thickness



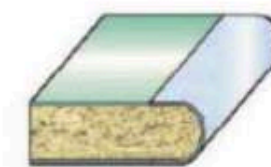
Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness



# YL-LP SERIES



**YL-LP-750P**



**YL-LP-350A**



**YL-LP-500P**



**YL-LP700PG-L**



# WORKING UNIT



## PM7 / PM8: Pre-milling unit

Fine finishing for panel edge.  
Motor: 2.5 HP  
Speed: 12000 R.P.M.  
Cutter: 80 x 20 mm / 120 x 30 mm  
Spindle tiltable: no  
Space required: 570 mm



## EC8 End cutting unit

Application for cutting front & rear edge by two independent motors 0.65 HP run at 12000 R.P.M. with saw blade 105\*30 mm. The spindle is orientable from 0° ~ 15°. Space required: 800 mm



## RT8:Radius trimming unit

Apply for perfect finishing of the bottom of front and rear corner of the profile edge.  
Motor: 0.5 HP x 2 PCS  
Speed: 12000 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 830 mm



## GV7 Grooving unit

Cutting groove on the work piece.  
Motor power 3 HP run at 3000 R.P.M.  
Saw blade : 255 x 25.4 x 3.0 x 80T  
Spindle dia. : Ø25.4 x 82 mm(L)



## GL7:Gluing unit

With the use of hot melt glue applied on straight panel for edge banding.  
This unit consist of 4kgs glue pot with 4.5 KW power  
Space required: 450 mm



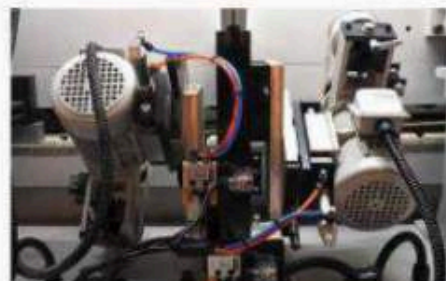
## ET7:Edge trimming unit

Apply for rough trimming of top and bottom edges.  
Cutters: 80 x 20 mm / 100 x 20 mm  
Speed: 12000 R.P.M.  
Motor: 0.75 HP x 2 / 1.8 HP x 2 / 2.5 HP x 2  
Space required: 320 mm



## SC7:Scrapping unit

Apply for scrapping top and bottom corners of PVC/ABS spindle fixed at 45°  
Radius required: R3- R5  
Space required: 300 mm



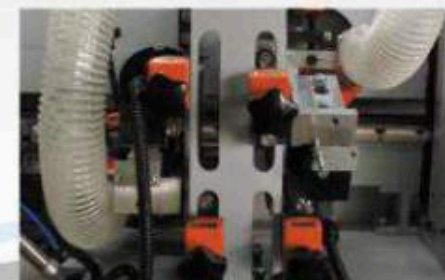
## EF7 Edge finishing unit

Fine finishing for top and bottom edge  
Motor power: 0.5 HP x 2  
Speed: 3000 R.P.M.



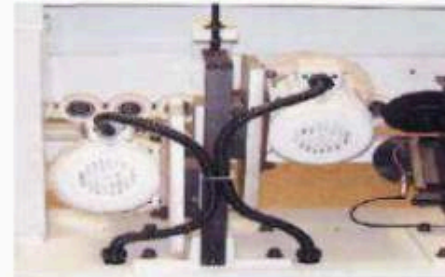
## GL8 Gluing unit

With the use of hot melt glue applied on top of straight panel for edge banding.  
Ensure uninterrupted supply of hot melt glue.



## ET8:Tilting edge trimming unit

This top and bottom trimming unit is complete with two independent motors of 0.75 HP / 1.8 HP which run at 12000 R.P.M. (240HZ) with cutter 65 x 20 mm, 0°~35°  
Space required: 390 mm

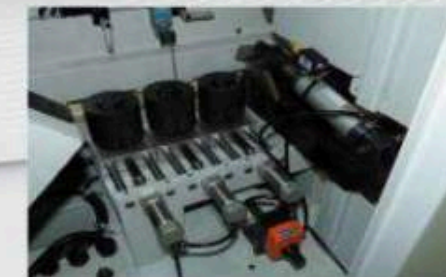


## BS7: Brushing unit

Finest polish on top and bottom edges.  
Motor: 0.25 HP  
Speed: 1720 R.P.M.  
Brushing wheel: 180 x 25 mm  
Space required: 450 mm



Top belt system plus automatic up and down adjustment. (on request)



## SP7:Side pressure unit

Standard with one row of vertical rollers for straight edges.  
Space required: 460 mm



## RT7:Radius trimming unit

Apply for perfect finishing of the bottom of front and rear corner of the profile edge.  
Motor: 0.5 HP x 2 PCS  
Speed: 12000 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 620 mm



## ES7:Edge sanding unit

Apply for profile sanding of straight line panel.  
Speed: 1720 R.P.M.  
Motor: 1 HP x 1



PLC control system (on request)



# EDGE BANDING MACHINE

200A

250A

250B

300A

300B

350A

350G

400P

500PG



400A

500A

600A

600P

600G

700P

700PG



## Specifications:

| MODEL          |                  |           | 200A                                                                                   | 250A/250B                            | 300A/300B                            | 350A/350G                            | 400P                                 | 500G                                 |
|----------------|------------------|-----------|----------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Working size   | Panel length     | mm (in)   | Min. 140 (5-1/2)-Up<br>Min. 100 (4)-Up<br>10 (2/5) - 50 (2)<br>0.4 (1/64) - 10 (13/32) |                                      |                                      |                                      |                                      |                                      |
|                | Panel width      | mm (in)   |                                                                                        |                                      |                                      |                                      |                                      |                                      |
|                | Panel thickness  | mm (in)   |                                                                                        |                                      |                                      |                                      |                                      |                                      |
|                | Edging thickness | mm (in)   |                                                                                        |                                      |                                      |                                      |                                      |                                      |
| Feeding system | Feed speed       | mpm (fpm) | 6-30 (20 - 66)<br>1.5 (2) / 2.25 (3) / 3.5 (5)                                         |                                      |                                      |                                      |                                      |                                      |
|                | Rated power      | kw (hp)   |                                                                                        |                                      |                                      |                                      |                                      |                                      |
| Weight         | Net weight       | kgs       | 1000 (2200)                                                                            | 1150 (2530)                          | 1300 (2860)                          | 1450 (3190)                          | 1730 (3806)                          | 2050 (4510)                          |
|                | Gross weight     | kgs       | 1160 (2552)                                                                            | 1330 (2926)                          | 1510 (3322)                          | 1685 (3707)                          | 2000 (4400)                          | 2370 (5214)                          |
| Dimension      | Machine size     | mm (in)   | 2940 x 800 x 1415<br>(116 x 32 x 56)                                                   | 3440 x 800 x 1415<br>(135 x 32 x 56) | 3940 x 800 x 1415<br>(155 x 32 x 56) | 4520 x 800 x 1415<br>(178 x 32 x 56) | 5200 x 800 x 1415<br>(205 x 32 x 56) | 6200 x 800 x 1415<br>(244 x 32 x 56) |
|                | Packing size     | mm (in)   | 3090 x 910 x 1640<br>(122 x 36 x 65)                                                   | 3590 x 910 x 1640<br>(141 x 36 x 65) | 4090 x 910 x 1640<br>(161 x 36 x 65) | 4670 x 910 x 1640<br>(184 x 36 x 65) | 5350 x 910 x 1640<br>(211 x 36 x 65) | 6350 x 910 x 1640<br>(250 x 36 x 65) |

We reserve the right for technical modification.

| MODEL          |                  |           | 400A                                                                                      | 500A                                 | 600A / 600P / 600G                   | 700P / 700G                          |
|----------------|------------------|-----------|-------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Working size   | Panel length     | mm (in)   | Min. 140 (5-1/2)-Up<br>Min. 55 (2-1/8)-Up<br>10 (2/5) - 50 (2)<br>0.4 (1/64) - 10 (13/32) |                                      |                                      |                                      |
|                | Panel width      | mm (in)   |                                                                                           |                                      |                                      |                                      |
|                | Panel thickness  | mm (in)   |                                                                                           |                                      |                                      |                                      |
|                | Edging thickness | mm (in)   |                                                                                           |                                      |                                      |                                      |
| Feeding system | Feed speed       | mpm (fpm) | 6-30 (20 - 66)<br>1.5 (2) / 2.25 (3) / 3.5 (5)                                            |                                      |                                      |                                      |
|                | Rated power      | kw (hp)   |                                                                                           |                                      |                                      |                                      |
| Weight         | Net weight       | kgs       | 1730 (3806)                                                                               | 2050 (4510)                          | 2350 (5170)                          | 2650 (5830)                          |
|                | Gross weight     | kgs       | 2000 (4400)                                                                               | 2370 (5214)                          | 2720 (5984)                          | 3070 (6754)                          |
| Dimension      | Machine size     | mm (in)   | 5200 x 800 x 1415<br>(205 x 32 x 56)                                                      | 6200 x 800 x 1415<br>(244 x 32 x 56) | 7200 x 800 x 1415<br>(283 x 32 x 56) | 8200 x 800 x 1415<br>(322 x 32 x 56) |
|                | Packing size     | mm (in)   | 5350 x 910 x 1640<br>(211 x 36 x 65)                                                      | 6350 x 910 x 1640<br>(250 x 36 x 65) | 7350 x 910 x 1640<br>(289 x 36 x 65) | 8350 x 910 x 1640<br>(329 x 36 x 65) |

We reserve the right for technical modification.



# YL-SD SERIES



YL-SD-350A



YL-SD-400A



YL-SD-600P



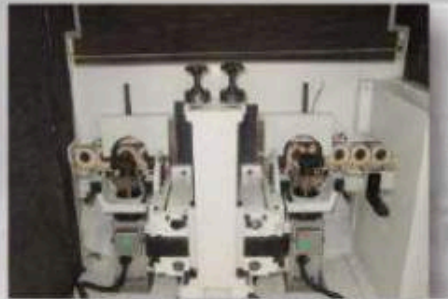
YL-SD-7000A



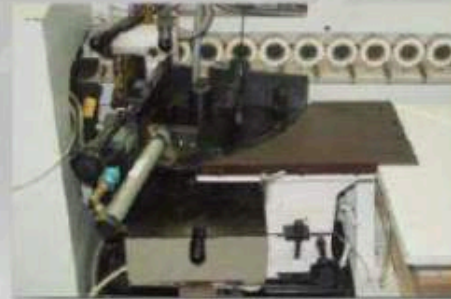
# WORKING UNIT



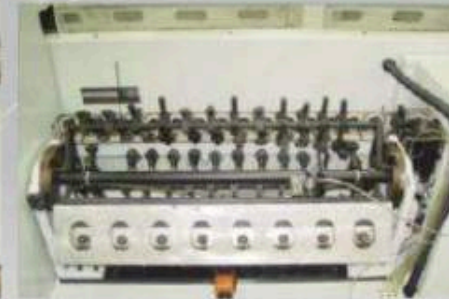
**AA1 : Anti-adhesive device**  
Apply for anti-adhesive of the panel surface.



**PM1 : Profile moulding unit**  
PM(left hand) / PM2(right hand)  
Apply moulding on panel edge or lipping.  
Standard with H.F. motors.  
Spindle tiltable : 0°~180°  
Cutter : 80 x 20 MM / 120 x 30MM  
Speed : 12000 R.P.M.  
Motor : 5 HP  
Space required : 570 MM



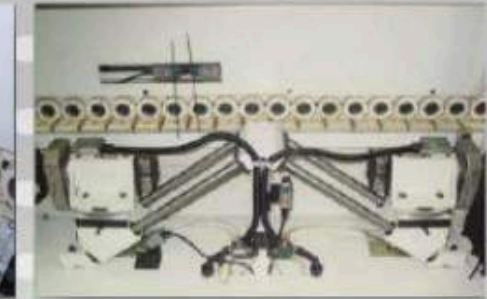
**EGL3 : Double gluing unit**  
Apply glue on panel and/or edge "Soft forming" also applicable.  
Glue pot : 7KG  
Power : 4 KW  
Space required : 580 MM



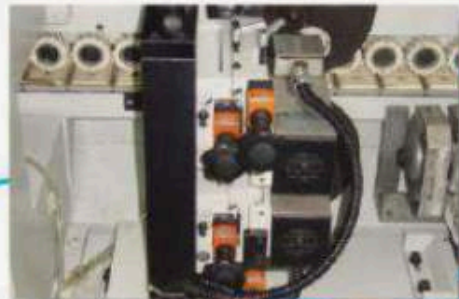
**SP2 : Rotary side pressure unit**  
(1) Vertical pressure rollers for pressing straight edge.  
(2) Profile pressure rollers for pressing softforming edge.  
Space required : 870 MM



**LS1 : Longitudinal cutting shear**  
Apply for longitudinal cutting shear of top and bottom of soft forming edges.  
(for SD-700A)



**EC1 : End cutting unit**  
Apply for cutting front & rear edge by (2) independent motors.  
Spindle swivable : 0°~45°  
Sawblade : 150 x 200 MM  
Speed : 12000 R.P.M.  
Motors : 0.67 HP x 2  
Space required : 1155 MM



**ET1 : Edge trimming unit**  
Apply for rough trimming of top and bottom edges.  
Cutters : 80 x 20 MM  
Speed : 12000 R.P.M.  
Motors : 0.75 HP x 2 / 2.5 HP x 2  
Space required : 455 MM



**ET2 : Tilting edge trimming unit**  
Apply for fine trimming of top and bottom edge as "chamfering".  
Spindle tiltable : 0°~35°  
Cutters : 80 x 20 MM / 100 x 20 MM  
Speed : 12000 R.P.M.  
Motors : 0.75 HP x 2 / 2.5 HP x 2  
Space required : 645 MM



**SC1: Scrapping unit**  
Apply for scrapping top and bottom corners of PVC / ABS.  
Spindle fixed at 45°  
Scrapping blade : Subject to order with radius required.  
Space required : 400 MM



**BS1 : Brushing unit**  
Apply the finest surfacing process on top and bottom edge.  
Spindle tiltable : 0°~45°  
Brushing wheel : 180 x 25 MM  
Speed : 1750R.P.M  
Motors : 0.5 HP x 2  
Space required : 510 MM



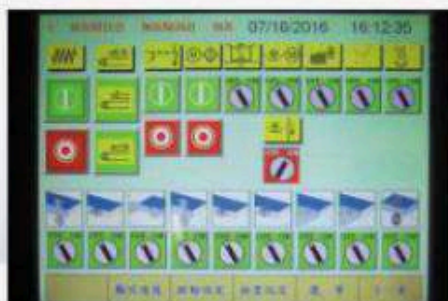
**PS5 : Profile sanding unit**  
PS5(left hand) / PS6 (right hand)  
Apply sanding on profile edge.  
Spindle tiltable : -15°~+105°  
Belt size : 4" x 78" / 98"  
Belt speed : 630 MM  
Motors : 2 HP  
Space required : 750 MM



**PS7: Belt sanding unit**  
Sanding Motor: 2HP  
Sanding belt size: 4"x 60"  
Vibration power: 25w x 1/36



**GV7 Grooving unit**  
Cutting groove on the work piece.  
Motor power 3 HP run at 3000 R.P.M  
Saw blade : 255\*25.4\*3.0\*80T  
Spindle dia. : Ø25.4\*82 mm(L)



**PLC control system (on request)**



The top pressure beam equipped with ball screw transmission



**Disc roller side support**  
Special for narrow work piece.



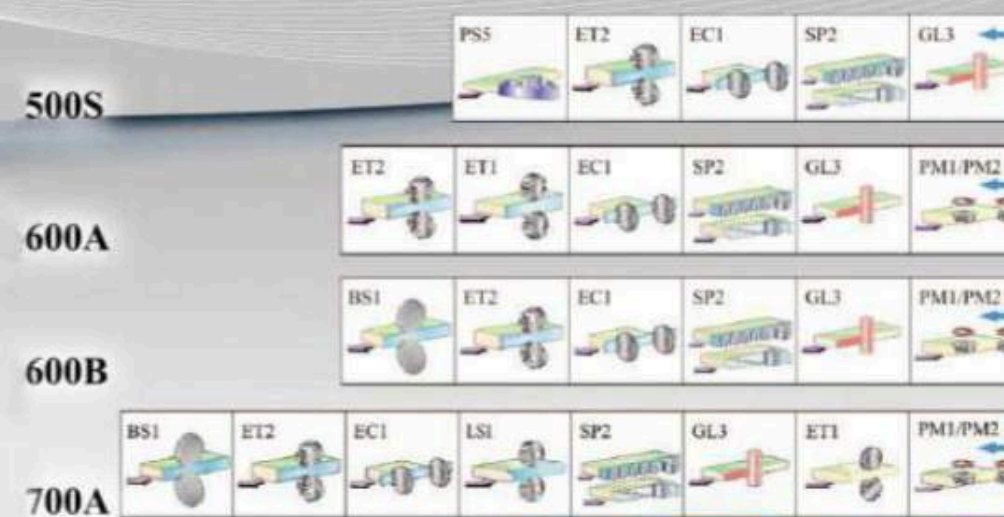
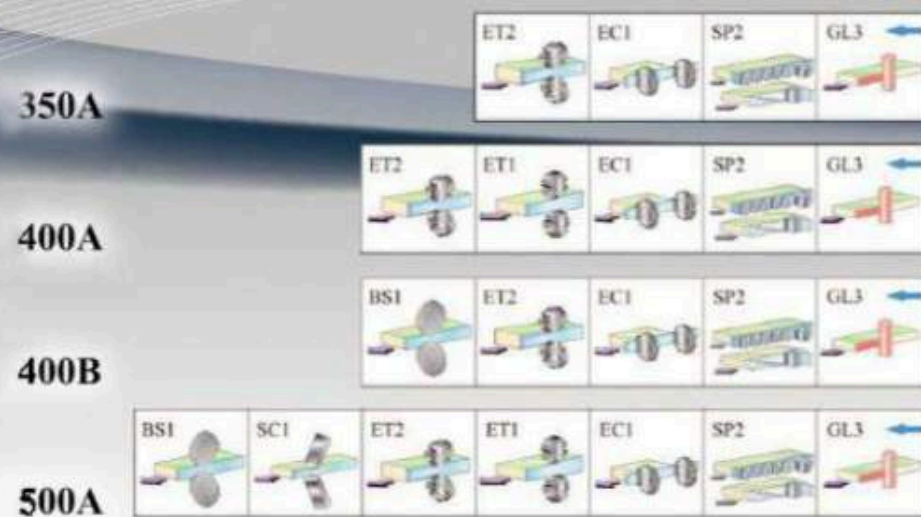
**Aluminum extension side support**



**Aluminum extension side support**



# TECHNICAL DATA



| MODEL          |                 |        | 350A                                                                     | 400A                                 | 400B                                 | 500A                                 |
|----------------|-----------------|--------|--------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Working size   | Panel length    | mm(in) | 105(4) - up<br>100(4) - up<br>10(3/8) - 60(2 - 3/8)<br>0.4(1/64) - 25(1) |                                      |                                      |                                      |
|                | Panel width     | mm(in) |                                                                          |                                      |                                      |                                      |
|                | Panel thickness | mm(in) |                                                                          |                                      |                                      |                                      |
|                | Edge thickness  | mm(in) |                                                                          |                                      |                                      |                                      |
| Feeding system | Feed speed      | mpm    | 6-30 (20 - 98)<br>1.5(2) / 2.25(3) / 3.75(5)                             |                                      |                                      |                                      |
|                | Rated power     | kw(HP) |                                                                          |                                      |                                      |                                      |
| Weight         | Net wight       | kgs    | 1900(4180)                                                               | 2100(4620)                           | 2100(4620)                           | 2500(5500)                           |
|                | Gross weight    | kgs    | 2200(4840)                                                               | 2450(5390)                           | 2450(5390)                           | 2900(6380)                           |
| Dimesion       | Machine size    | mm(in) | 4670 x 850 x 1560<br>(184 x 33 x 62)                                     | 5170 x 850 x 1560<br>(203 x 33 x 62) | 5170 x 850 x 1560<br>(203 x 33 x 62) | 6280 x 850 x 1560<br>(247 x 33 x 62) |
|                | Packing size    | mm(in) | 4750 x 920 x 1860<br>(187 x 37 x 74)                                     | 5210 x 920 x 1860<br>(205 x 37 x 74) | 5210 x 920 x 1860<br>(205 x 37 x 74) | 6300 x 920 x 1900<br>(248 x 37 x 75) |

| MODEL          |                 |        | 500S                                                                     | 600A                                 | 600B                                 | 700A                                 |
|----------------|-----------------|--------|--------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Working size   | Panel length    | mm(in) | 105(4) - up<br>100(4) - up<br>10(3/8) - 60(2 - 3/8)<br>0.4(1/64) - 25(1) |                                      |                                      |                                      |
|                | Panel width     | mm(in) |                                                                          |                                      |                                      |                                      |
|                | Panel thickness | mm(in) |                                                                          |                                      |                                      |                                      |
|                | Edge thickness  | mm(in) |                                                                          |                                      |                                      |                                      |
| Feeding system | Feed speed      | mpm    | 6-30 (20 - 98)<br>1.5(2) / 2.25(3) / 3.75(5)                             |                                      |                                      |                                      |
|                | Rated power     | kw(HP) |                                                                          |                                      |                                      |                                      |
| Weight         | Net wight       | kgs    | 1900(4180)                                                               | 2100(4620)                           | 2100(4620)                           | 2500(5500)                           |
|                | Gross weight    | kgs    | 2200(4840)                                                               | 2450(5390)                           | 2450(5390)                           | 2900(6380)                           |
| Dimesion       | Machine size    | mm(in) | 4670 x 850 x 1560<br>(184 x 33 x 62)                                     | 5170 x 850 x 1560<br>(203 x 33 x 62) | 5170 x 850 x 1560<br>(203 x 33 x 62) | 6280 x 850 x 1560<br>(247 x 33 x 62) |
|                | Packing size    | mm(in) | 4750 x 920 x 1860<br>(187 x 37 x 74)                                     | 5210 x 920 x 1860<br>(205 x 37 x 74) | 5210 x 920 x 1860<br>(205 x 37 x 74) | 6300 x 920 x 1900<br>(248 x 37 x 75) |



## MULTIPLE SPINDLES BORING MACHINE

多軸鑽孔機

MODEL:YL-2T~YL-6T



YL-6T

### SPECIFICATIONS

| 型式        | MODEL                                         | YL-2T                              | YL-3T                              | YL-4T                              | YL-5T                              | YL-6T                              |
|-----------|-----------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力      | Spindle motor                                 | 2 HPx2                             | 2 HPx3                             | 2 HPx4                             | 2 HPx5                             | 2 HPx6                             |
| 主軸速度      | Spindle speed                                 | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. |
| 直列鑽頭最大間距  | Head in line max. distance between drills     | 2600 mm                            | 2600 mm                            | 2600 mm                            | 3000 mm                            | 3000 mm                            |
| 直列鑽頭最小間距  | Head in line min. distance between drills     | 280 mm                             | 280 mm                             | 280 mm                             | 280 mm                             | 280 mm                             |
| 斜列鑽頭最大間距  | Head at parallel max. distance between drills | 2100 mm                            | 2100 mm                            | 2100 mm                            | 2500 mm                            | 2500 mm                            |
| 斜列鑽頭最小間距  | Head at parallel min. distance between drills | 300 mm                             | 300 mm                             | 300 mm                             | 300 mm                             | 300 mm                             |
| 最大鑽孔深度    | Max. boring depth                             | 80 mm                              | 80 mm                              | 80 mm                              | 80 mm                              | 80 mm                              |
| 主軸行程      | Stroke travel                                 | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             |
| 夾持氣缸      | Clamp cylinder                                | 2                                  | 3                                  | 4                                  | 5                                  | 6                                  |
| 主軸距工作台面高度 | Max. spindle to table distance                | 60 mm                              | 60 mm                              | 60 mm                              | 60 mm                              | 60 mm                              |
| 壓力        | Air Pressure                                  | 5.5 kg/cm <sup>2</sup>             | 5.5 kg/cm <sup>2</sup>             | 5.5 kg/cm <sup>2</sup>             | 5.5 kg/cm <sup>2</sup>             | 5.5 kg/cm <sup>2</sup>             |
| 機體尺寸      | Machine size                                  | 3100x750x960mm                     | 3100x1000x960mm                    | 3100x1000x960mm                    | 3500x1000x960mm                    | 3500x1000x960mm                    |
| 裝箱尺寸      | Packing size                                  | 2820x830x1480mm                    | 2820x1080x1480mm                   | 2820x1080x1480mm                   | 3300x1240x1480mm                   | 3300x1240x1480mm                   |
| 淨重        | Net weight                                    | 640 kg                             | 770 kg                             | 900 kg                             | 1070 kg                            | 1200 kg                            |
| 毛重        | Gross weight                                  | 890 kg                             | 1020 kg                            | 1150 kg                            | 1350 kg                            | 1480 kg                            |



### FEATURES

- Constructed with 2 to 6 boring heads offering various borings on both ends and the side.
- Each boring unit can be swiveled for angular borings.



## VERTICAL MULTIPLE SPINDLE BORING MACHINE

(Straight Line)

油壓立式直線多軸鑽孔機

MODEL: YL-104, YL-106, YL-108

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- Machine frame is manufactured from high quality cast iron.
- A hydraulically operated model.
- Distance between spindles is adjustable.
- The machine is also suitable for drilling steel pipe and aluminum furniture parts.



YL-106

### SPECIFICATIONS

| 型式     | MODEL                        | YL-104                             | YL-106                             | YL-108                             |
|--------|------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力   | Spindle motor                | 2 HPx1                             | 2 HPx2                             | 2 HPx2                             |
| 主軸速度   | Spindle speed                | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. |
| 主軸數目   | Number of spindle            | 6                                  | 10                                 | 12                                 |
| 惰輪數目   | Number of idler-wheel        | 6                                  | 10                                 | 12                                 |
| 壓料器數目  | Hold down clamp              | 3                                  | 4                                  | 6                                  |
| 工作台面尺寸 | Table area                   | 300x1200 mm                        | 300x1800 mm                        | 300x2400 mm                        |
| 液壓泵馬力  | Hydraulic pump moto          | 2 HP                               | 2 HP                               | 2 HP                               |
| 鑽頭最小間距 | Min. distance between drills | 50 mm                              | 50 mm                              | 50 mm                              |
| 機體尺寸   | Machine size                 | 1280x1200x1600mm                   | 1880x1200x1600mm                   | 2480x1200x1600mm                   |
| 裝箱尺寸   | Packing size                 | 1380x1300x1900mm                   | 1980x1300x1900mm                   | 2580x1300x1900mm                   |
| 淨重     | Net weight                   | 1030 kg                            | 1135 kg                            | 1295 kg                            |
| 毛重     | Gross weight                 | 1160 kg                            | 1335 kg                            | 1525 kg                            |



VD-A  
ADJUSTABLE CENTER BORING  
HEAD: 18mm~90mm



VD-L  
FIXED CENTER BORING HEAD

3L-20 PITCH:20mm x 3  
3L-22 PITCH:22mm x 3  
3L-32 PITCH:32mm x 3  
3L-38 PITCH:38mm x 3  
5L-22 PITCH:22mm x 5  
5L-25 PITCH:25mm x 5  
5L-32 PITCH:32mm x 5  
9L-32 PITCH:32mm x 9  
11L-32 PITCH:32mm x 11  
21L-32 PITCH:32mm x 21



VD-B  
FIXED CENTER BORING HEAD

5B-17 PITCH:17,22,32,34,44  
5B-20 PITCH:20,24,28,34,40,48  
5B-25 PITCH:1",1 1/4",1 1/2",1 3/4",2",2 1/2"



VD-1  
1/2" CHUCK  
SPINDLE



VD-6  
1/2" CHUCK  
SPINDLE



VD-3  
CLAMP



VD-4



VD-5  
3/8" CHUCK  
SPINDLE



VD-7



## DOUBLE END MULTIPLE SPINDLE BORING MACHINE 雙端多軸鑽孔機

MODEL : YL-503, YL-504, YL-603, YL-803

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- Double ends are equipped with 1-6 spindles, permitting flexible boring applications.
- Spindles both ends can be moved to suit various hole positions.
- Spindle accommodates a single tool chuck or multiple-tool boring head (Optional).
- Pneumatic operation.

### SPECIFICATIONS

| 型式     | MODEL                     | YL-503                             | YL-504                             | YL-603                             | YL-803                             |
|--------|---------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力   | Spindle motor             | 2HPx2                              | 2HPx2                              | 2HPx2                              | 2HPx2                              |
| 主軸速    | Spindle speed R.P.M.      | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. |
| 主軸數目   | Number of H-spindle       | 10                                 | 12                                 | 10                                 | 10                                 |
| 傳動輪數   | Number of idler wheel     | 10                                 | 12                                 | 10                                 | 10                                 |
| 壓料桿數目  | Number of hold down clamp | 4                                  | 6                                  | 4                                  | 4                                  |
| 最大鑽孔深度 | Max. boring depth         | 90mm                               | 50mm                               | 90mm                               | 90mm                               |
| 最小鑽孔孔徑 | Min. boring distance      | 90mm                               | 50mm                               | 90mm                               | 90mm                               |
| 主軸行程   | Spindle travel            | 100mm                              | 100mm                              | 100mm                              | 100mm                              |
| 最大加工長度 | Max. working length       | 1600mm                             | 1600mm                             | 2000mm                             | 2500mm                             |
| 最小加工長度 | Min. working length       | 250mm                              | 250mm                              | 250mm                              | 250mm                              |
| 機座尺寸   | Machine size (mm)         | 3100x1100x1250                     | 3100x1400x1250                     | 3500x1100x1250                     | 4100x1100x1250                     |
| 裝箱尺寸   | Packing size (mm)         | 3600x1180x1750                     | 3600x1480x1750                     | 3900x1180x1750                     | 3900x1180x1750                     |
| 淨重     | Net weight                | 1000kg                             | 1100kg                             | 1050kg                             | 1140kg                             |
| 毛重     | Gross weight              | 1120kg                             | 1250kg                             | 1200kg                             | 1240kg                             |

## HORIZONTAL MULTIPLE SPINDLE BORING MACHINE 橫式多軸鑽孔機

MODEL : YL-240, YL-260, YL-280

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- Major components and the machine frame are made from high grade cast iron.
- Conventional belt tension adjustment.
- Pneumatic control system.
- Multiple spindles can be easily adjusted for various boring positions.
- Easy operation and minimum maintenance.

### SPECIFICATIONS

| 型式     | MODEL                        | YL-240                             | YL-260                             | YL-280                             |
|--------|------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力   | H-spindle motor              | 2HPx1                              | 2HPx2                              | 2HPx2                              |
| 主軸行程   | H-spindle travel             | 100mm                              | 100mm                              | 100mm                              |
| 主軸數目   | Number of H-spindle          | 6                                  | 10                                 | 10                                 |
| 傳動輪數   | Number of idler wheel        | 6                                  | 10                                 | 10                                 |
| 壓料桿數目  | Number of hold down clamp    | 3                                  | 4                                  | 5                                  |
| 主軸速    | Spindle speed                | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. |
| 最大鑽孔深度 | Max. boring height           | 90mm                               | 90mm                               | 90mm                               |
| 鑽孔間距   | Min. distance between drills | 90mm                               | 90mm                               | 90mm                               |
| 主軸長度   | H-spindle basic size         | 1200mm                             | 1900mm                             | 2400mm                             |
| 工作台面尺寸 | Table size                   | 300x1200mm                         | 300x1800mm                         | 300x2400mm                         |
| 機座尺寸   | Machine size                 | 1260x1240x1200mm                   | 1880x1240x1200mm                   | 2400x1240x1200mm                   |
| 裝箱尺寸   | Packing size                 | 1380x1480x1350mm                   | 1980x1480x1350mm                   | 2500x1480x1350mm                   |
| 淨重     | Net weight                   | 470kg                              | 780kg                              | 1000kg                             |
| 毛重     | Gross weight                 | 550kg                              | 880kg                              | 1120kg                             |

## SINGLE HEAD BORING MACHINE 單頭鑽孔機

MODEL : YL-340



YL-340

### FEATURES

- This machine is ideal for vertical and angular borings.
- Boring and clamping of workpieces are pneumatically controlled.
- Boring head inford is pneumatically controlled.
- Boring head can be adjusted from 0° to 90°.
- The boring unit is ruggedly constructed and precision ground making it ideal for precise boring.

### SPECIFICATIONS

| 型式     | MODEL                       | YL-340                             |
|--------|-----------------------------|------------------------------------|
| 主軸行程   | Spindle travel              | 80 mm                              |
| 最大鑽孔深度 | Maximum boring depth        | 65 mm                              |
| 標準夾料厚度 | Standard clamping thickness | 150 mm                             |
| 主軸上下移動 | Spindle vertical swivel     | 90°                                |
| 主軸水平移動 | Spindle horizontal swivel   | 180°                               |
| 馬力     | Spindle motor               | 2HP                                |
| 主軸速    | Spindle speed               | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. |
| 機座尺寸   | Machine size                | 1100x520x1730 mm                   |
| 裝箱尺寸   | Packing size                | 1000x720x1890 mm                   |
| 淨重     | Net weight                  | 280 kg                             |
| 毛重     | Gross weight                | 370 kg                             |

## DOUBLE END BORING MACHINE (VERTICAL & HORIZONTAL) 雙頭鑽孔機

MODEL : YL-2T2, YL-3T2

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- This machine can drill both ends and top-side simultaneously.
- 2 boring units perform both vertical & horizontal borings.
- Boring head can accept a drill chuck with single drill bit. Multiple boring heads also can be fitted (optional).
- Both boring units can be swiveled to 360° (for angular drilling).
- This machine is pneumatically operated.

### SPECIFICATIONS

| 型式        | MODEL                                         | YL-2T2                             | YL-3T2                             |
|-----------|-----------------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力 (垂直) | Spindle motor (vertical)                      | 2 HPx2                             | 2 HPx3                             |
| 主軸馬力 (水平) | Spindle motor (horizontal)                    | 1 HPx2                             | 1 HPx2                             |
| 主軸速       | Spindle speed                                 | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. | 50HZ-3000R.P.M.<br>60HZ-3500R.P.M. |
| 垂直距離最大行程  | Head in line max. distance between drills     | 2600 mm                            | 2600 mm                            |
| 垂直距離最小行程  | Head in line min. distance between drills     | 280 mm                             | 280 mm                             |
| 平行距離最大行程  | Head at parallel max. distance between drills | 2100 mm                            | 2100 mm                            |
| 平行距離最小行程  | Head at parallel min. distance between drills | 300 mm                             | 300 mm                             |
| 最大鑽孔深度    | Max. boring depth                             | 80 mm                              | 80 mm                              |
| 垂直行程      | Vertical boring stroke travel                 | 80 mm                              | 80 mm                              |
| 水平行程 (垂直) | Horizontal boring stroke travel               | 60 mm                              | 60 mm                              |
| 主軸行程 (垂直) | Horizontal spindle travel                     | 100 mm                             | 100 mm                             |
| 夾料缸數目     | Clamp cylinder                                | 2                                  | 3                                  |
| 最大加工長度    | Max. spindle to table distance                | 60 mm                              | 60 mm                              |
| 壓力        | Air Pressure (Horizontal)                     | 5.5 kg/cm <sup>2</sup>             | 5.5 kg/cm <sup>2</sup>             |
| 機座尺寸      | Machine size                                  | 3100x750x1600 mm                   | 3100x1000x1600 mm                  |
| 裝箱尺寸      | Packing size                                  | 3200x850x1790 mm                   | 3200x1060x1790 mm                  |
| 淨重 / 毛重   | Net weight / Gross weight                     | 900 kg / 1090 kg                   | 930 kg / 1180 kg                   |



YL-2T2



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## VERTICAL MULTIPLE SPINDLE BORING MACHINE 油壓立式多軸鑽孔機

MODEL : YL-204, YL-254, YL-206, YL-256, YL-208, YL-306, YL-308

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- Major components and machine frame are made from high grade cast iron.
- Conventional belt tension adjustment.
- Hydraulic control system.
- Multiple spindles can be easily adjusted for various boring positions.
- Easy operation and minimum maintenance.



YL-206

### SPECIFICATIONS

| 型式     | MODEL                        | YL-204                             | YL-254                             | YL-206                             | YL-256                             | YL-208                             | YL-306                             | YL-308                             |
|--------|------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 主軸馬力   | Spindle motor                | 2 HPx2                             | 2 HPx2                             | 2 HPx3                             | 2 HPx3                             | 2 HPx3                             | 2 HPx3                             | 2 HPx3                             |
| 主軸速    | Spindle speed                | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. |
| 主軸數目   | Number of spindle            | 10                                 | 10                                 | 16                                 | 16                                 | 16                                 | 16                                 | 16                                 |
| 傳動輪數   | Number of idler wheel        | 5                                  | 5                                  | 6                                  | 6                                  | 6                                  | 6                                  | 6                                  |
| 壓料桿數目  | Hold down clamp              | 4                                  | 4                                  | 5                                  | 5                                  | 5                                  | 5                                  | 5                                  |
| 工作台面尺寸 | Table area                   | 900x1220 mm                        | 750x1220 mm                        | 900x1630 mm                        | 700x1630 mm                        | 900x2400 mm                        | 900x1830 mm                        | 900x2400 mm                        |
| 油壓馬力   | Hydraulic pump motor         | 2 HP                               | 2 HP                               | 2 HP                               | 2 HP                               | 2 HP                               | 2 HP                               | 2 HP                               |
| 油缸行程   | Max. table travel            | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             | 100 mm                             |
| 最大加工深度 | Max. boring depth            | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              |
| 鑽孔間距   | Min. distance between drills | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              | 90 mm                              |
| 機座尺寸   | Machine size (mm)            | 1350x1400x1930                     | 1350x1590x1930                     | 1850x1400x1930                     | 1850x1590x1930                     | 2550x1400x1930                     | 1850x1710x1930                     | 2550x1710x1930                     |
| 裝箱尺寸   | Packing size (mm)            | 1500x1500x1900                     | 1500x1890x1900                     | 2100x1500x1900                     | 2100x1890x1900                     | 2700x1500x1900                     | 2100x1810x1900                     | 2700x1810x1900                     |
| 淨重     | Net weight                   | 850 kg                             | 1050 kg                            | 1150 kg                            | 1250 kg                            | 1300 kg                            | 1200 kg                            | 1500 kg                            |
| 毛重     | Gross weight                 | 1070 kg                            | 1260 kg                            | 1360 kg                            | 1470 kg                            | 1500 kg                            | 1620 kg                            | 1720 kg                            |

## VERTICAL MULTIPLE LINE BORING MACHINE 油壓立式多排鑽孔機

MODEL : YL-204L, YL-206L

### FEATURES

- The machine base is manufactured from high quality cast iron. (FC 25-30)
- This machine employs a hydraulic control system to ensure stable and heavy boring performance.
- Constructed with 20 spindles for highly efficient boring operation.
- Spindle position can be adjusted.
- A foot switch is equipped for easy control of boring operation.
- Table height can be adjusted.

### SPECIFICATIONS

| 型式      | MODEL                        | YL-204L                            | YL-206L                            |
|---------|------------------------------|------------------------------------|------------------------------------|
| 主軸馬力    | Spindle motor                | 2 HPx2                             | 2 HPx4                             |
| 主軸速     | Spindle speed                | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. | 50HZ-3700R.P.M.<br>60HZ-4200R.P.M. |
| 主軸數目    | Number of spindle            | 10                                 | 20                                 |
| 傳動輪數    | Number of idler wheel        | 12                                 | 24                                 |
| 壓料桿數目   | Number of beam               | 4                                  | 6                                  |
| 壓料桿數目   | Hold down clamp              | 4                                  | 6                                  |
| 工作台面尺寸  | Table area                   | 600x1220 mm                        | 600x1530 mm                        |
| 油壓馬力    | Hydraulic pump motor         | 2 HP                               | 2 HP                               |
| 油缸行程    | Min. distance between drills | 90 mm                              | 90 mm                              |
| 機座尺寸    | Machine size                 | 1460x1400x1800mm                   | 2000x1400x1800mm                   |
| 裝箱尺寸    | Packing size                 | 1580x1500x1900mm                   | 2180x1500x1900mm                   |
| 淨重 / 毛重 | Net / Gross weight           | 900 / 1080 kg                      | 1400 / 1620 kg                     |



YL-206L





**YL-BM6 鑽孔 / 銑槽複合機**

**BORING / MILLING COMPOUND MACHINE**

規格 SPECIFICATIONS :

| 型 式                       | MODEL                                                                                                 | YL-BM6           | YL-BM8           | YL-BM10          |
|---------------------------|-------------------------------------------------------------------------------------------------------|------------------|------------------|------------------|
| 馬力                        | Spindle motor Motor                                                                                   | 3HP*1            | 3HP*1            | 3HP*1            |
| X軸伺服馬力                    | X-axis Servo Power<br>Công suất servo trục X                                                          | 1KW              | 1KW              | 1KW              |
| Y軸伺服馬力                    | Y-axis Servo Power<br>Công suất servo trục Y                                                          | 0.75KW           | 0.75KW           | 0.75KW           |
| 主軸速度                      | Spindle Speed<br>Tốc độ vòng quay                                                                     | 0~16000R.P.M.    | 0~16000R.P.M.    | 0~16000R.P.M.    |
| S.T押料器                    | Hold Down Clamp<br>Kẹp giữ phôi                                                                       | 4                | 6                | 9                |
| 最大加工長度                    | Maximum Processing Length<br>Chiều dài gia công                                                       | 1450mm           | 2100mm           | 2700mm           |
| 最大鑽孔深度                    | Maximum Processing Depth<br>Độ sâu khoan                                                              | 70mm             | 70mm             | 70mm             |
| 最大夾料厚度                    | Standard Clamping Thickness<br>Độ dày kẹp phôi                                                        | 200mm            | 200mm            | 200mm            |
| 加工區分<br>1全區<br>2雙區<br>3三區 | Processing Distinction<br>(1Whole, 2Double, 3Triple)<br>Phân chia gia công<br>(toàn khu, 2khu, 3 khu) | 1&2              | 1&2              | 1&3              |
| 工作台尺寸                     | Working table area<br>Kích thước mặt bàn gia công                                                     | 300*1800mm       | 300*2400mm       | 300*3000mm       |
| 機械尺寸                      | Machine Size<br>Kích thước máy                                                                        | 2750*1180*1880mm | 3350*1180*1880mm | 3950*1180*1880mm |
| 包裝尺寸                      | Packing Size<br>Kích thước đóng kiện                                                                  | 2800*1240*2030mm | 3400*1240*2030mm | 4000*1240*2030mm |
| 淨重                        | Net weight NW                                                                                         | 730KG            | 930KG            | 1130KG           |
| 毛重                        | Gross weight GW                                                                                       | 850KG            | 1080KG           | 1330KG           |



## 鑽孔機 Drilling Machine

### 簡易手壓鑽孔機 Drilling & Tapping Machine

| 型號 MODEL                                    | YL-430                     |
|---------------------------------------------|----------------------------|
| 速度 Spindle speeds                           | 6                          |
| 鑽孔能力 Drilling capacity                      | 13                         |
| 攻牙能力 Tapping capacity                       | 4-12                       |
| 旋徑 Swing                                    | 360                        |
| 主軸至床面距離 Distance from spindle nose to table | 480                        |
| 主軸至底面距離 Distance from spindle nose to base  | 650                        |
| 主軸斜度 Taper of spindle                       | JT#2 1/2                   |
| 主軸行程 Travel of spindle                      | 80                         |
| 主軸回轉速 SPINDLE SPEED                         |                            |
| 50 cycle                                    | 240-1760R.P.M.             |
| 60 cycle                                    | 290-2130R.P.M.             |
| 圓柱直徑 Diameter of colum                      | Ø80                        |
| 床面面積 Table dimension                        | Ø320                       |
| 底座面積 Base dimension                         | 505×305                    |
| 機械高度 Over high                              | 1050                       |
| 馬達 Motor                                    | 1/2HP 6P/3PH or 1HP 6P/3PH |
| 淨重 N.W                                      | 76kgs                      |

### 單軸鑽孔機 Electric Drilling Machine

| 型號 MODEL                                    | YL-20            |
|---------------------------------------------|------------------|
| 速度 Spindle speeds                           | 9                |
| 鑽孔能力 Drilling capacity                      | 20mm 3/4"        |
| 旋徑 Swing                                    | 450              |
| 主軸至床面距離 Distance from spindle nose to table | 625              |
| 主軸至底面距離 Distance from spindle nose to base  | 885              |
| 主軸斜度 Taper of spindle                       | MT#3             |
| 主軸行程 Travel of spindle                      | 120              |
| 主軸回轉速 SPINDLE SPEED                         |                  |
| 50 cycle                                    | 210-1620R.P.M.   |
| 60 cycle                                    | 250-1940R.P.M.   |
| 圓柱直徑 Diameter of colum                      | Ø92              |
| 床面面積 Table dimension                        | Ø400             |
| 底座面積 Base dimension                         | 580×330          |
| 機械高度 Over high                              | 1460             |
| 馬達 Motor                                    | 1HP 4P or 2HP 4P |
| 淨重 N.W                                      | 120kgs           |

| 型號 MODEL                            | YL-13                |
|-------------------------------------|----------------------|
| 速度 Spindle speeds                   | 4                    |
| 鑽孔能力 Drilling capacity              | 13mm (1/2")          |
| 旋徑 Swing                            | 360 mm               |
| 主軸至床面距離                             | 480 mm               |
| 主軸至底座距離                             | 650 mm               |
| Distance from spindle nose to table |                      |
| 主軸斜度 Taper of spindle               | JT#1-1/2             |
| 主軸行程 Travel of spindle              | 80                   |
| 主軸迴轉速 Spindle speed                 | 460-2040 R.P.M       |
| 圓柱直徑 Diameter of column             | Ø80                  |
| 床面面積 Table dimension                | Ø320                 |
| 底座面積 Base dimension                 | 505x305 mm           |
| 機械高度 Over high                      | 1050 mm              |
| 馬達 Motor                            | 1/4HP 4P or 1/2HP 4P |
| 淨重 N.W                              | 70 kg                |

### 鑽孔機 Drilling Machine YL-13



YL-430



※不含鑽頭 Without Drill

YL-20



※不含鑽頭 Without Drill

### 自動鑽孔座 Automatic Boring Unit YL-010



### 萬能鑽孔座 Universal Boring Unit YL-012



### 臥式鑽孔座 Horizontal boring unit YL-021



| 型號 MODEL         | YL-010          | YL-012            | YL-021 |
|------------------|-----------------|-------------------|--------|
| 動力Power          |                 | 1HP / 3PH         |        |
| 回轉速Running speed | 3440R.P.M./60Hz | 2000R.P.M. / 60Hz |        |
| 行程Stroke         |                 | 80mm(3 1/8")      |        |
| 淨重N.W.           | 42kg(96lb)      | 38kg(86lb)        | 31kgs  |





YL-250/YL-300

**YL-250/YL-300**

之工作台裝設滾柱直線軌，  
移動輕巧，平穩。  
The working table of model  
YL-250/YL-300 is installed  
the roller linear motion slide  
rail and smooth & light of  
movement.

**鎢鋼木工刀具研磨機**  
**Tungsten Carbide Tip**  
**Woodworking Tool Grinder**



YL-200

**YL-200**  
之工作台裝設滾珠  
直線滑軌。  
The working table of  
model YL-200 is  
installed the ball  
linear slide motion rail.



**鎢鋼木工刀具研磨機**

**Tungsten Carbide Tip Woodworking Tool Grinder**



鉋花刀研磨範例 (附件如圖)  
Typical Applications of Grinding Router Bit  
(Optional accessories shown as fig.)



鎢鋼平鉋刀研磨範例 (附件如圖)  
Typical Applications of Grinding Straight  
Carbide Knife (Optional accessories shown  
as fig.)



鎢鋼圓鋸片研磨範例 (附件如圖)  
Typical Applications of Grinding Circular  
Sawblade (Optional accessories shown  
as fig.)

**規格 SPECIFICATIONS**

| 型號 MODEL                              | YL-200                                | YL-250/YL-300                 |
|---------------------------------------|---------------------------------------|-------------------------------|
| 鎢鋼成型刀 Tungsten carbide profile tool   | Ø230×230mm                            | Ø230×250mm                    |
| 鎢鋼圓鋸片 Tungsten circular saw blade     | Ø510×9.5mm                            | Ø510×9.5mm                    |
| 鎢鋼平鉋刀 Tungsten circular planing knife | 200×38 ×6.5mm                         | 200×38 ×6.5mm                 |
| 鎢鋼鉋花刀 Tungsten carbide router bit     | Ø13mm                                 | Ø13mm                         |
| 工作台左右進給動力 Longitudinal travel power   | 200mm(8")                             | 254mm(10")/300mm(12")         |
| 研磨砂輪尺寸 Grinding wheel size            | Ø150×Ø16×16mm(Diamond grinding wheel) |                               |
| 砂輪迴轉速 Rev. speed of grinding wheel    | 4000r.p.m                             | 4000r.p.m                     |
| 研磨動力 Grinding power                   | 1HP                                   | 1HP                           |
| 冷卻泵馬達 Coolant pump motor              | 1/8HP                                 | 1/8HP                         |
| 機械尺寸 Machine size                     | 770×770×1370mm                        | 770×770×1370mm/860×860×1400mm |
| 裝箱尺寸 Measurement                      | 800×800×1470mm                        | 800×800×1470mm/900×900×1500mm |
| 淨/毛重 N.W./G.W.                        | 285/335kgs                            | 300/385kgs / 350/450kgs       |

上列尺寸規格僅供參考，如有變更，恕不另行通知。

The manufacturer reserves the right to modify the design, specifications, mechanisms etc, subject to change, without prior notice.



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鎢鋼圓鋸片研磨機  
TUNGSTEN CARBIDE TIP  
CIRCULAR SAWBLADE GRINDERS

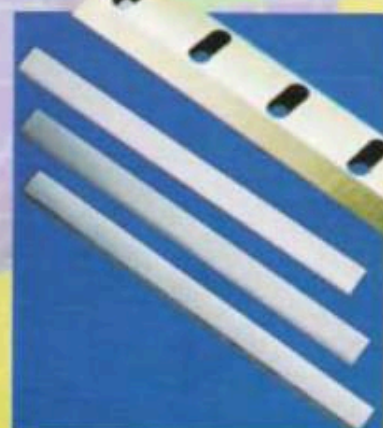


YL-280

超鋒利直刀研磨機  
SUPER FINISH  
STRAIGHT KNIFE GRINDERS



YL-650



鎢鋼圓鋸片研磨機

CIRCULAR TUNGSTEN CARBIDE  
TIP SAWBLADE GRINDERS

超鋒利直刀研磨機

SUPER FINISH STRAIGHT  
KNIFE GRINDERS

規格 SPECIFICATIONS:

| 型式 Model                           | YL-280                 |
|------------------------------------|------------------------|
| 研磨能力 Grinding capacity (L×W×T)     | φ 76-762mm (φ 3"-30")  |
| 砂輪尺寸 Grinding wheel size           | φ 150×16mm (φ 6"×5/8") |
| 砂輪迴轉速 Rev. speed of grinding wheel | 5000rpm                |
| 研磨動力 Grinding power                | 1HP                    |
| 偏心馬達 Eccentric motor               | 40W                    |
| 冷卻泵馬達 Coolant pump motor           | 1/8HP                  |
| 機械尺寸 Machine size                  | 1270×700×1250mm        |
| 裝箱尺寸 Measurement                   | 1270×850×1400mm        |
| 淨重/毛重 N.W./G.W.                    | 350kgs/480kgs          |

規格 SPECIFICATIONS:

| 型式 Model                                     | YL-650                                               |
|----------------------------------------------|------------------------------------------------------|
| 研磨能力 Grinding capacity (L×W×T)               | 660×76×9.5mm (26"×3"×3/8")                           |
| 粗砂輪尺寸 Coarse grinding wheel size             | φ 250×19×φ 25.4mm (φ 10"×3/4"×φ 1")                  |
| 細砂輪尺寸 Fine grinding wheel size               | 100×50×16mm (4"×2"×5/8")                             |
| 砂輪迴轉速 Rev. speed of grinding wheel           | 1700rpm粗砂輪(Coarse wheel) 1700/3400rpm細砂輪(Fine wheel) |
| 研磨動力 Grinding power                          | 2HP粗砂輪(Coarse wheel) 1/2HP細砂輪(Fine wheel)            |
| 工作台左右進給動力 Power of table longitudinal travel | 1/2HP                                                |
| 冷卻泵馬達 Coolant pump motor                     | 1/8HP                                                |
| 機械尺寸 Machine size                            | 1750×680×1500mm                                      |
| 裝箱尺寸 Measurement                             | 1900×840×1680mm                                      |
| 淨重/毛重 N.W./G.W.                              | 630kgs/800kgs                                        |

※上列尺寸規格僅供參考，如有變更，恕不另行通知。

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# 錫鋼刀系列磨刀機

## WOODWORKING CARBIDE TIPPED TOOL GRINDER SERIES

選購配備  
OPTIONAL ACCESSORIES  
AVAILABLE FOR THIS SERIES.



- 1 鉋花刀研磨裝置  
最大刀柄尺寸Ø13mm, 特殊尺寸Ø19mm.  
ROUTER BIT GRINDING UNIT  
For sharpening router bit.  
Maximum shank capacity: Ø13mm, special Ø19mm.
- 2 錫鋼刀研磨裝置  
直刀研磨能力200 x 38 x 6.5mm.  
CARBIDE KNIFE GRINDING UNIT  
For sharpening straight knife.  
Maximum capacity: 200 x 38 x 6.5mm.
- 3 錫鋼鋸片研磨裝置  
鋸片研磨最大外徑Ø400mm.  
CARBIDE SAWBLADE GRINDING UNIT  
For sharpening sawblade.  
Maximum diameter: Ø400mm.



### 線性滑軌

此系列磨刀機之部份機型裝置圓棒軸承滑軌, 或滾柱型線性滑軌, 以確保工作台與縱向行程之順暢性與精密度。

Some models of this series are equipped with ball bearing or crossed roller linear motion guide to ensure smooth and accurate longitudinal feed traverse for the table.

### LINEAR MOTION GUIDE

## YL-260

研磨能力  
長度 250mm  
外徑 Ø250mm  
Grinder capacity  
Length 250mm  
Outer dia. Ø250mm



### 研磨範例 TYPICAL APPLICATIONS



適用於研磨或修磨指接刀、成型刀、銑槽刀、斜棒刀、三面與四面鉋木成型刀、組合式刀頭、溝槽刀、仿型立軸機刀具、竹藤加工刀具。

Designed for grinding or reshaping finger joint cutters, profile cutters, milling cutters, reversible bevel tenon cutters, three-side/four-side moulder cutters, set of cutterheads with reversible knives, grooving cutters, all kinds of copy shaper and bamboo, rattan cutters.

## YL-350

特別適用於製刀廠  
研磨能力  
長度 305mm  
外徑 Ø250mm

Exclusively suited for tool manufacturing factory.  
Grinder capacity  
Length 305mm  
Outer dia. Ø250mm



## YL-300

研磨能力  
長度 254mm  
外徑 Ø250mm  
Grinder capacity  
Length 254mm  
Outer dia. Ø250mm





## YL-150 TURNING CUTTER GRINDER 虎腳刀磨刀機

一般機型本機適用於仿削車床之杯形刀，用於加工虎腳。機器操作簡易。

Conventional model designed for grinding cup knives of the copy lathe (For manufacturing Queen Ann legs). Very easy and simple to operate.



## YL-200C T.C.T. CUTTER GRINDER 鎢鋼刀磨刀機

研磨能力  
長度 250mm  
外徑 Ø250mm

Grinder capacity  
Length 250mm  
Outer dia. Ø250mm



## YL-240 THROW-AWAY KNIFE GRINDER 捨棄式刀片磨刀機

特別適用於製刀廠  
Exclusively suited for tool manufacturing factory.

14 x 14 x 2 mm  
15 x 15 x 2.5 mm  
30 x 12 x 1.5 mm  
50 x 12 x 1.5 mm



## YL-270 FINGER JOINT CUTTER GRINDER 指接棒刀磨刀機

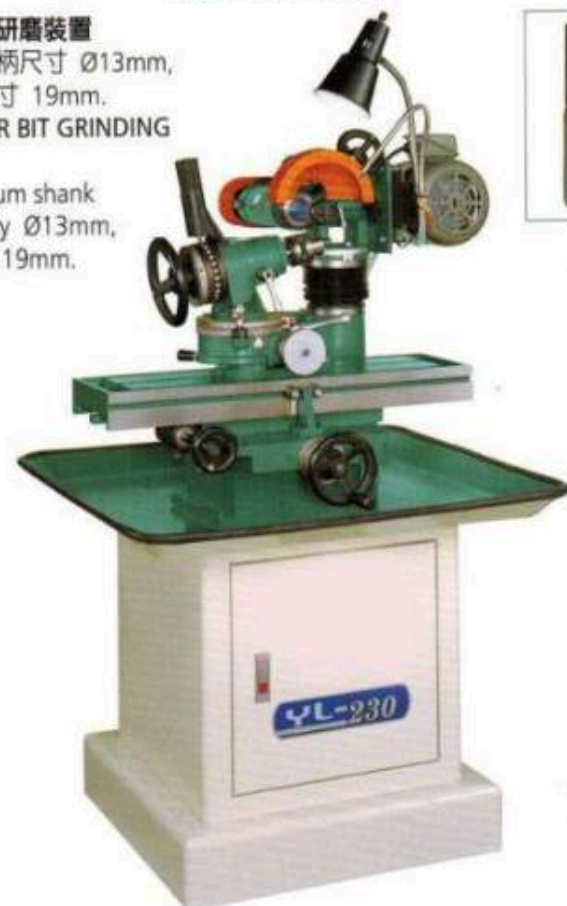
研磨能力  
孔徑 40,50,70mm  
外徑 Ø230mm

Grinder capacity  
Thru-hole 40,50,70mm  
Outer dia. Ø230mm



## YL-230 MILLING CUTTER GRINDER 滾刀磨刀機

鉋花刀研磨裝置  
最大刀柄尺寸 Ø13mm,  
特殊尺寸 19mm.  
ROUTER BIT GRINDING  
UNIT  
Maximum shank  
Capacity Ø13mm,  
Special 19mm.



## YL-250A COPY GRINDER 仿形磨刀機

1:1 仿型研磨裝置  
研磨能力  
長度 250mm  
外徑 Ø250mm

1:1 Tracing device  
for grinding

Grinder capacity  
Length 250mm  
Outer dia. Ø250mm.



### SPECIFICATIONS 規格

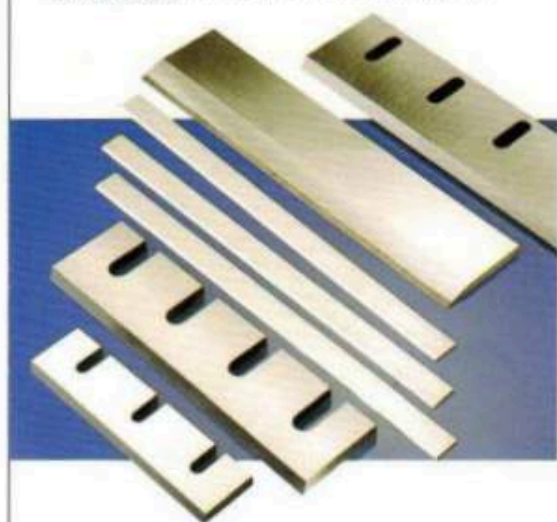
| MODEL 型號                             | YL-150                 | YL-200C                                       | YL-230                                        | YL-250A                | YL-270                 | YL-260                             | YL-300                                        | YL-350                   | YL-240                               |
|--------------------------------------|------------------------|-----------------------------------------------|-----------------------------------------------|------------------------|------------------------|------------------------------------|-----------------------------------------------|--------------------------|--------------------------------------|
| Grinding wheel size<br>砂輪尺寸          | Ø 40 x 16mm            | Ø 150 x 16mm                                  | Ø 150 x 16mm                                  | Ø 150 x 16mm           | Ø 150 x 16mm           | Ø 150 x 16mm                       | Ø 150 x 16mm                                  | Ø 150 x 16mm             | Ø 100 x 50.8mm                       |
| Grinding wheel speed<br>砂輪轉速         | 3400 rpm               | 3400 rpm                                      | 3400 rpm                                      | 3400 rpm               | 3400 rpm               | 3400 rpm                           | 3400 rpm                                      | 3400 rpm                 | 3400 rpm                             |
| Grinding wheel motor<br>砂輪馬達         | 1 HP                   | 1 HP                                          | 1 HP                                          | 1 HP                   | 1 HP                   | 1 HP                               | 1-1/2 HP                                      | 3 HP                     | 2 HP                                 |
| Coolant pump motor<br>冷卻泵浦馬達         | 1/8 HP                 | 1/8 HP                                        | 1/8 HP                                        | 1/8 HP                 | 1/8 HP                 | 1/8 HP                             | 1/8 HP                                        | 1/8 HP                   | 1/8 HP                               |
| Table longitudinal travel<br>工作台縱向行程 | -                      | -                                             | Ball bearing linear motion guide<br>圓棒軸承滑軌    |                        |                        |                                    | Crossed roller linear motion guide<br>滾柱型線型滑軌 |                          | Reducing motor<br>減速機 1/4 HP         |
| Table cross travel<br>工作台橫向行程        | -                      | Ball bearing<br>linear motion guide<br>圓棒軸承滑軌 | Crossed roller linear motion guide<br>滾柱型線型滑軌 |                        |                        |                                    |                                               |                          | Magnetic chuck plate<br>電磁盤 6" x 12" |
| Indexing device<br>分度裝置              | -                      | -                                             | Conventional micro adjustment<br>一般微調         |                        |                        | Precision micro adjustment<br>精密微調 |                                               |                          | -                                    |
| Machine size<br>機器尺寸                 | 800 x 850<br>x 1260 mm | 800 x 850<br>x 1380 mm                        | 800 x 850<br>x 1380 mm                        | 850 x 850<br>x 1380 mm | 980 x 880<br>x 1600 mm | 930 x 900<br>x 1400 mm             | 800 x 850<br>x 1380 mm                        | 800 x 850<br>x 1380 mm   | 1150 x 750<br>x 1350 mm              |
| Packing size<br>裝箱尺寸                 | 970 x 900<br>x 1480 mm | 970 x 900<br>x 1480 mm                        | 970 x 900<br>x 1480 mm                        | 970 x 900<br>x 1540 mm | 970 x 900<br>x 1480 mm | 970 x 900<br>x 1480 mm             | 1070 x 1100<br>x 1500 mm                      | 1200 x 1000<br>x 1750 mm | 1240 x 880<br>x 1560 mm              |
| N.W/G.W.<br>淨重/毛重                    | 230/280 kgs            | 220/270 kgs                                   | 240/290 kgs                                   | 270/320 kgs            | 240/290 kgs            | 250/300 kgs                        | 300/350 kgs                                   | 650/760 kgs              | 340/390 kgs                          |



## 直刀系列磨刀機

### HEAVY DUTY STRAIGHT KNIFE GRINDER.

研磨範例 TYPICAL APPLICATIONS



SPECIFICATIONS 規格

| MODEL 型號                             | YL-600                  | YL-650A                 | YL-500                  | YL-900                  | YL-1500<br>YL-1800                       | YL-500A                   |
|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------------------------|---------------------------|
| Coarse capacity<br>研磨能力 (刀具尺寸)       | 660 x 76 x 16 mm        | 660 x 76 x 16 mm        | 660 x 126 x 16 mm       | 1000 x 127 x 18 mm      | 1500 x 157 x 20 mm<br>1800 x 157 x 20 mm | 660 x 76 x 16 mm          |
| Coarse grinding wheel size<br>粗磨砂輪尺寸 | Ø 255 x 16<br>x 25.4 mm | Ø 255 x 16<br>x 25.4 mm | Ø 150 x 90<br>x 22 mm   | Ø 150 x 90<br>x 22 mm   | Ø 150 x 90<br>x 22 mm                    | Ø 125 x 50<br>x 17 mm     |
| Fine grinding wheel size<br>細磨砂輪尺寸   | Ø 100 x 50<br>x 50.8 mm | Ø 100 x 50<br>x 50.8 mm |                         | Ø 150 x 90<br>x 22 mm   | Ø 150 x 90<br>x 22 mm                    | Ø 125 x 50<br>x 17 mm     |
| Grinding wheel speed<br>砂輪轉速         | 1700 rpm                | 1700 rpm                | 3400 rpm                | 3400 rpm                | 3400 rpm                                 | 3400 rpm                  |
| Coarse wheel motor<br>粗磨砂輪馬達         | 1 HP                    | 2 HP                    | 3 HP                    | 5 HP                    | 5 HP                                     | 主馬達<br>Main motor 1-1/2HP |
| Fine wheel motor<br>細磨砂輪馬達           |                         | 1/2 HP                  |                         |                         |                                          | 傳動馬達<br>Drive motor 1/2HP |
| Table travel motor<br>工作台行程馬達        | 1/4 HP                  | 1/2 HP                  | 1/4 HP                  | 1/4 HP                  | 1 HP                                     |                           |
| Coolant pump motor<br>冷卻泵馬達          | 1/8 HP                  | 1/8 HP                  | 1/8 HP                  | 1/8 HP                  | 1/8 HP                                   |                           |
| Machine size<br>機器尺寸                 | 1150 x 750<br>x 1350 mm | 1670 x 740<br>x 1500 mm | 1150 x 750<br>x 1350 mm | 1470 x 840<br>x 1500 mm | 2550 x 910<br>x 1460 mm                  | 1280 x 400 x<br>550 mm    |
| Packing size<br>裝箱尺寸                 | 1240 x 880<br>x 1510 mm | 1840 x 880<br>x 1770 mm | 1240 x 880<br>x 1510 mm | 1620 x 940<br>x 1540 mm | 2760 x 1050<br>x 1620 mm                 | 1330 x 500 x<br>680 mm    |
| N.W./G.W.<br>淨重/毛重                   | 270/320 kgs             | 630/750 kgs             | 280/330 kgs             | 340/430 kgs             | 790/930 kgs                              | 130/160 kgs               |

## YL-650A SUPER SHARP STRAIGHT KNIFE GRINDER 超鋒利磨刀機

特別附件

- 行程、速度、快慢變頻器控制
- 進刀數字尺

Optional

- Travel speed is controlled by frequency inverter.
- Feed is indicated by digital scale.

電磁式刀架 MAGNETIC CHUCK PLATE

YL-650

超鋒利磨刀機 (刀架式)  
SUPER SHARP STRAIGHT  
KNIFE GRINDER  
(Chuck Plate Type)



YL-500, 900, 1500, 1800 直刀磨刀機

適用於各種產業之直刀研磨，例如：塑膠粉碎刀、裁紙刀、硬紙板裁刀、塑膠裁切刀等。(電磁夾盤為選購配備。)

YL-600, 650 超鋒利磨刀機

適用於木工用直刀、平刀與各種產業用之直刀研磨。刀具先經過粗磨砂輪研磨，再經過細磨砂輪研磨刀鋒。除了具有超鋒利的刀鋒，並且可延長刀具使用壽命。

YL-650A 超鋒利磨刀機

本機裝有電磁夾盤，使用更方便，並具有校準功能。研磨速度比BS-600更快速。

## YL-500A

### VERTICAL STRAIGHT KNIFE GRINDER 直立式直刀磨刀機



YL-500, 900, 1500, 1800 STRAIGHT KNIFE GRINDER

Well-suited for sharpening knives in various industries such as plastic crushing knives, paper cutting knives, chipboard cutting knives, plastic cutting knives and all kinds of straight knives. (The magnetic chuck is available upon request.)

YL-600, 650 SUPER SHARP STRAIGHT KNIFE GRINDER

Especially suitable for sharpening woodworking straight knife, plain knife and various types of industrial straight knives.

The knife goes through a coarse grinding wheel before the fine grinding wheel for sharpening the knife edges twice. Super sharp edges are achieved while extending the knife cutting lifetime.

YL-650A SUPER SHARP STRAIGHT KNIFE GRINDER

Equipped with magnetic chuck for fast operation and easy calibration. The grinding speed is faster than BS-600.

## YL-500 HEAVY DUTY STRAIGHT KNIFE GRINDER 重切削直刀磨刀機



特別附件：電磁盤  
OPTIONAL ACCESSORIES:  
magnetic chuck plate

## YL-900 HEAVY DUTY STRAIGHT KNIFE GRINDER YL-1500 重切削直刀磨刀機 YL-1800



## YL-600 SUPER SHARP STRAIGHT KNIFE GRINDER 超鋒利磨刀機



www.routmac.com



## 三用萬能磨刀機

### UNIVERSAL WOODWORKING GRINDER

研磨範例 TYPICAL APPLICATIONS

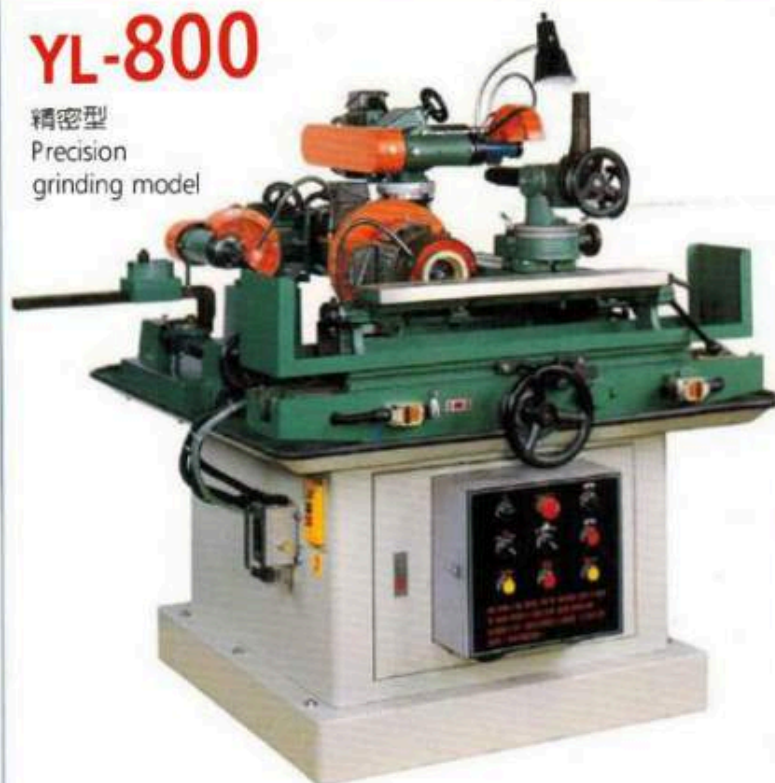


SPECIFICATIONS 規格

| MODEL 型號               | YL-800      |
|------------------------|-------------|
| Grinding capacity 研磨能力 |             |
| Cutter (dia. x L)      | 刀具(外徑x長度)   |
| Carbide saw            | 鎢鋼鋸片        |
| Carbide knife (LxWxH)  | 鎢鋼刀片(長x寬x高) |
| Router bits (Shank)    | 鉋花刀(刀柄)     |
| Grinding wheel speed   | 砂輪轉速        |
| Grinding wheel motor   | 砂輪馬達        |
| Reducing motor         | 減速機         |
| Coolant pump motor     | 冷卻泵馬達       |
| Machine size           | 機器尺寸        |
| Packing size           | 裝箱尺寸        |
| N.W./G.W.              | 淨重/毛重       |

## YL-800

精密型  
Precision  
grinding model



#### YL-800 三用萬能磨刀機

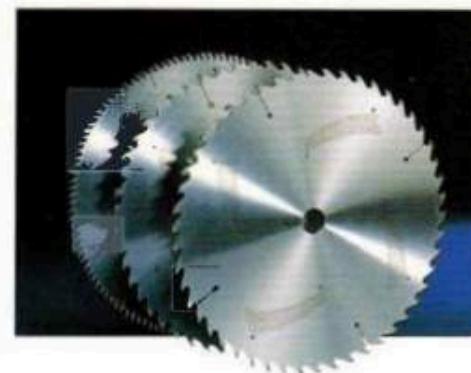
本機融合刀具研磨、圓鋸片研磨與直刀研磨等3功能於一機。每一組研磨機構分離，以節省操作空間。本機性能優異，適用於工廠。

YL-800 Universal Woodworking Tool Grind  
Combined cutter grinding, circular saw blade grinding and straight knife grinding operations into one single unit. Each grinding system is separate from each other to save working space. It is a perfect machine that is well-suited to woodworking factories.

## 鎢鋼圓鋸片系列研磨機

### CARBIDE CIRCULAR SAW BLADE GRINDER

研磨範例 TYPICAL APPLICATIONS



- 所有滑道配置滾柱型線性滑軌。
- 本機配備齒數定裝置，鋸片夾緊裝置，微調裝置與進給裝置等，提供高性能，簡易操作與高度之鋸片研磨。
- All travel axes are equipped with cross roller linear motion guide.
- The comprehensive unit is built with teeth indexing device, saw blade clamp device and micro-adjustment for saw blade infeed device. It makes this high precision tool grinder easy to operate.

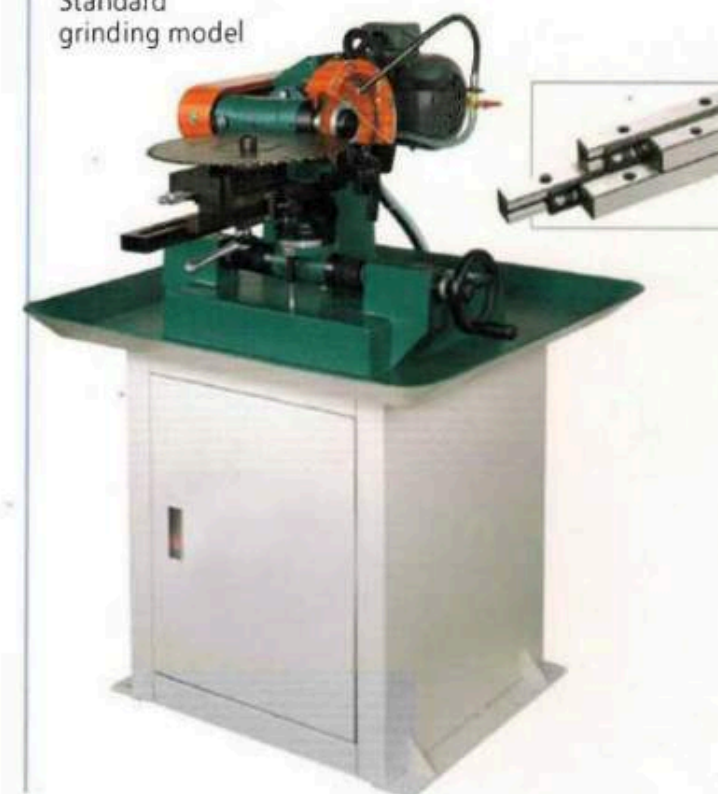
## YL-280

精密型  
Precision  
grinding model



## YL-280D

簡易型  
Standard  
grinding model



SPECIFICATIONS 規格

| MODEL 型號                  | YL-280               | YL-280D             |
|---------------------------|----------------------|---------------------|
| Grinding capacity 研磨能力    | Ø76 - Ø500 mm        |                     |
| Grinding wheel size 砂輪尺寸  | Ø150 x Ø16 mm        |                     |
| Grinding wheel speed 砂輪轉速 | 1800 rpm             |                     |
| Grinding wheel motor 砂輪馬達 | 1 HP                 |                     |
| Eccentric motor 偏心馬達      | 1/4 HP               | -                   |
| Coolant pump motor 冷卻泵馬達  | 1/8 HP               | -                   |
| Machine size 機器尺寸         | 1120 x 710 x 1270 mm | 780 x 780 x 1000 mm |
| Packing size 裝箱尺寸         | 1280 x 880 x 1600 mm | 970 x 900 x 1260 mm |
| N.W./G.W.                 | 淨重/毛重                | 400 / 490 kgs       |

YUAN LUNG

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[www.routmac.com](http://www.routmac.com)



YUAN LUNG

ROUTMAC





## YL-DM-400 (1 HP) YL-DM-500 (1 1/2 HP)

- Low noise level.
- Aluminum alloy motor frame. Lightweight and easy to move.
- Compact and space saving.
- Serves as a blower when filter bag is removed.



| MODEL     | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.  | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|-----------|------------|---------------|----------------|----------------|-------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-400 | 1          | 10"           | 650            |                | 4"x1        | 56-76             | 22              | 24                | 40x38x45          | 3                 |
| YL-DM-500 | 1 1/2      | 10"           | 1150           |                | 6"x1 1/4"x2 | 56-76             | 25              | 27                | 43x38x45          | 3                 |
| YL-DM-900 | 1          | 10"           | 650            | 350            | 4"x1        | 56-76             | 33              | 36                | 76x38x46          | 2.1               |

## YL-DM-900 (1 HP)

- Low noise level.
- Lightweight, easy mobility.



## YL-DM-515 (2 HP)

- A general model, ideal for light-duty machining application.



| MODEL      | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.   | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|------------|------------|---------------|----------------|----------------|--------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-515  | 2          | 12"           | 1600           | 500            | 6"x1 1/4"x2" | 66-86             | 59              | 63                | 92x58x58          | 5.5               |
| YL-DM-515H | 2          | 12"           | 1600           | 500            | 6"x1 1/4"x2" | 66-86             | 59              | 63                | 92x58x58          | 7.5               |

## YL-DM-515H (2 HP)

- Clear plastic bag for convenient dust handling.
- 5 micron non-woven cloth bag.
- Magnetic switch control.



## YL-DM-525B (3 HP) YL-DM-525BS (5 HP)

- High air flow capacity up to 1862 CFM.
- Magnetic switch control.
- Air speed 32-40 M/sec.
- Filter bag length is 125cm.



## YL-DM-525A (3 HP) YL-DM-535A (5 HP)

- Compact construction for space saving. High air flow capacity.
- Magnetic switch control.
- Filter bag length 150 cm.



| MODEL       | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.  | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|-------------|------------|---------------|----------------|----------------|-------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-525B  | 3          | 13 1/2"       | 1862           | 500            | 6"x1 1/4"x3 | 70-90             | 77              | 82                | 121x57x57         | 11                |
| YL-DM-525BS | 5          | 14"           | 2390           | 500            | 8"x1 1/4"x4 | 70-90             | 87              | 92                | 121x57x57         | 11                |
| YL-DM-525A  | 3          | 13 1/2"       | 1722           | 560            | 6"x1 1/4"x3 | 70-90             | 66              | 72                | 110x63x64         | 7.2               |
| YL-DM-535A  | 5          | 14"           | 2137           | 600            | 8"x1 1/4"x4 | 70-90             | 90              | 115               | 120x75x76         | 9                 |

## YL-DM-535B (5 HP) YL-DM-575B (7 1/2 HP)

- Magnetic switch control.
- Filter bag length 150 cm.
- Drum diameter width 600 mm.
- Magnetic switch control.
- Filter bag length 150 cm.
- Drum diameter width 660 mm.

*Heavy duty model.*



## YL-DM-535S (5 HP) YL-DM-535DS (5 HP)

- Drum diameter width 600 mm.
- Filter bag length 150 cm.
- Air flow capacity 3984 CFM.
- Can be fitted with 7 1/2HP motor for use with a 15 3/4" impeller. 4" x 6 inlet ports are optional.
- Filter bag can be increased to 300cm long.
- Suitable for application with wide belt sander.

*Heavy duty model.*



| MODEL       | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.  | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|-------------|------------|---------------|----------------|----------------|-------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-535B  | 5          | 14"           | 2550           | 600            | 8"x1 1/4"x4 | 70-90             | 115             | 155               | 144x74x77         | 18                |
| YL-DM-575B  | 7 1/2      | 17"           | 4134           | 660            | 9"x1 1/4"x5 | 70-90             | 180             | 230               | 174x80x85         | 22                |
| YL-DM-535S  | 5          | 14"           | 3984           | 600            | 8"x1 1/4"x4 | 70-85             | 135             | 185               | 174x74x77         | 18                |
| YL-DM-535DS | 5          | 14 1/2"       | 4568           | 600            | 8"x1 1/4"x5 | 70-90             | 145             | 195               | 174x74x77         | 18                |



## YL-DM-740D (7 1/2 HP) YL-DM-740DS (10 HP)

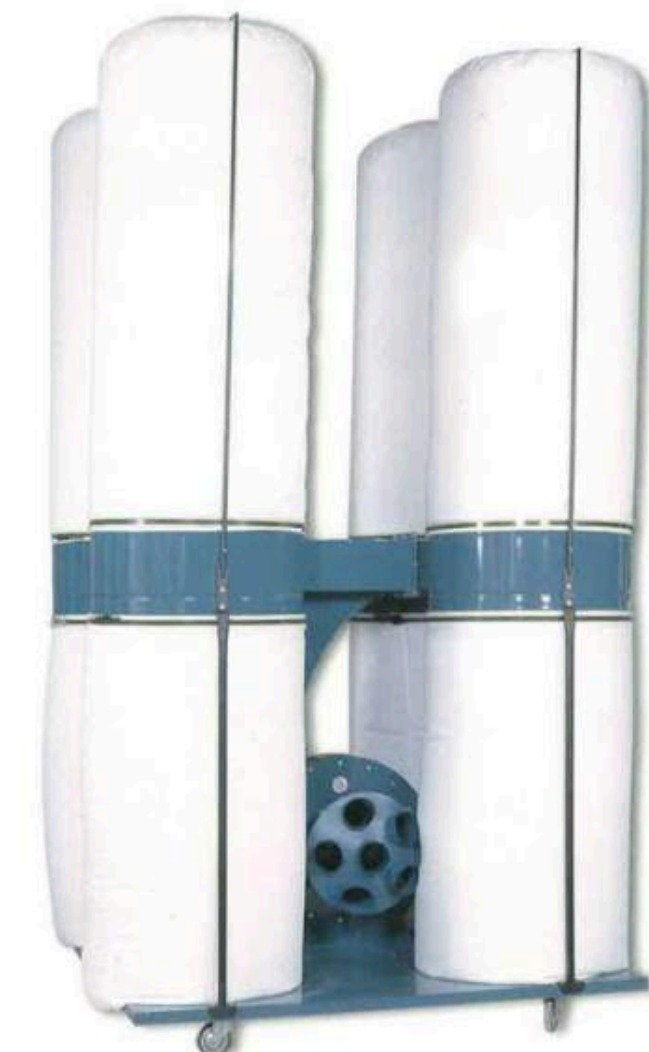
- Drum diameter 600mm. Filter bag length 150cm.
- Additional elbow facilitates pipeline installation.
- Also suitable for light duty central dust collection system.
- Ideal for heavy duty woodworking operations.



*Heavy duty model.*

## YL-DM-575D (7 1/2 HP) YL-DM-575DS (10 HP)

- Drum diameter 660 mm, filter bag length 150 cm.
- High air flow capacity up to 32 - 36 m/sec. This unit can replace center dust collection systems, in which low air flow capacity or insufficient air pressure occurs at the end of the pipe circuit.
- Meets the demands for high dust collection capacity.
- Ideal for heavy duty woodworking operations.



| MODEL       | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.    | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|-------------|------------|---------------|----------------|----------------|---------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-740D  | 7 1/2      | 17"           | 6480           | 600            | 9"x 1 1/4"x5  | 80-90             | 260             | 330               | 196x96x75         | 46                |
| YL-DM-740DS | 10         | 17"           | 7200           | 600            | 10"x 1 1/4"x6 | 80-90             | 280             | 350               | 196x96x75         | 46                |
| YL-DM-575D  | 7 1/2      | 17"           | 4536           | 660            | 9"x 1 1/4"x5  | 70-90             | 280             | 400               | 176x169x85        | 58                |
| YL-DM-575DS | 10         | 17"           | 5160           | 660            | 10"x 1 1/4"x6 | 70-90             | 300             | 420               | 176x169x85        | 58                |

■ All specifications, dimensions and design characteristics shown in this catalogue are subject to change without prior notice.

## YL-DM-515T (2 HP)

- Suitable for picking aluminum chips.
- Designed for wet and dry dust collection performance. The steel collection tank prevents fire.
- A fluid circulation port is provided at the tank bottom to avoid waste of fluid.



*Heavy duty model.*

## YL-DM-735D (10 HP)

- The extended filter bag, 300cm long provides better ventilation effect and dust collection performance.
- Choice of 10" and 12" air inlet makes this unit serve ideally as a light duty control dust collection system.
- Max. air flow volume 6772 CFM. Airflow speed to 40m/s. Bag capacity 48 cubic feet. This dust collector is ideal for dust collection on a wide belt sander.
- Machine dimensions 320 x 66 x 465cm.



| MODE       | MOTOR (HP) | IMPELLER DIA. | AIR FLOW (CFM) | DRUM DIA. (mm) | INLET DIA.    | SOUND RATING (DB) | NET WEIGHT (KG) | GROSS WEIGHT (KG) | PACKING SIZE (cm) | BAG VOLUME (CUFT) |
|------------|------------|---------------|----------------|----------------|---------------|-------------------|-----------------|-------------------|-------------------|-------------------|
| YL-DM-515T | 2          | 12"           | 1328           | 500            | 5"x 1 1/4"x2  | 66-86             | 59              | 63                | 92x58x58          | 5                 |
| YL-DM-735D | 10         | 15 3/4"       | 6772           | 600            | 10"x 1 1/4"x8 | 80-90             | 280             | 350               | 210x75x77         | 48                |

■ All specifications, dimensions and design characteristics shown in this catalogue are subject to change without prior notice.





**PLASTIC BLAST GATE**  
**YL-DM 1006** 3" **YL-DM 1009** 6"  
**YL-DM 1007** 4" **YL-DM 1030** 2 1/2"  
**YL-DM 1008** 5" **YL-DM 1034** 2 1/2"x2"

# Quality

## Accessories for Increased Performance.

### OPTIONAL ACCESSORIES:

-  Flexible hose  $\varnothing$ 2"~6" available. Different lengths available upon request.
-  5 Micron non-woven cloth bags available for all Delmar's models.



**YL-DM 1018** SPLICE 3"  
**YL-DM 1019** SPLICE 4"  
**YL-DM 1035** SPLICE 2 1/2"



**YL-DM 1014** Y FITTING 3"  
**YL-DM 1015** Y FITTING 4"  
**YL-DM 1049** Y FITTING 5"  
**YL-DM 1050** Y FITTING 2 1/2"



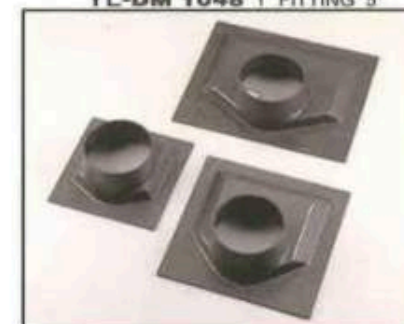
**YL-DM 1012** T FITTING 3"  
**YL-DM 1013** T FITTING 4"  
**YL-DM 1037** T FITTING 2 1/2"  
**YL-DM 1048** T FITTING 5"



**YL-DM 1016** ELBOW 3"  
**YL-DM 1017** ELBOW 4"  
**YL-DM 1052** ELBOW 2 1/2"



**FLOOR SWEEP**  
**YL-DM 1003** 24"L X 7"W X 3 1/2"H



**YL-DM 1010** UNIVERSAL DUST HOOD 6 1/4" X 6 1/4" X  $\varnothing$ 4"  
**YL-DM 1001** JOINTER DUST HOOD 8 1/4" X 8 1/4" X  $\varnothing$ 4"  
**YL-DM 1002** JOINTER DUST HOOD 8 1/2" X 10 1/4" X  $\varnothing$ 4"



**REDUCER**  
**YL-DM1011** 4" x 3" **YL-DM1027** 5" x 4"  
**YL-DM1022** 2" x 1 1/2" **YL-DM1031** 4" x 2 1/4"  
**YL-DM1023** 2 3/4" x 2 3/8" **YL-DM1032** 4" x 2"  
**YL-DM1024** 3" x 2" **YL-DM1056** 4 1/2" x 4"  
**YL-DM1025** 3" x 2 1/2" **YL-DM1059** 2 1/4" x 2 1/2"  
**YL-DM1026** 4" x 2 1/2" **YL-DM1060** 2 1/2" x 1 1/4"



**TABLE SAW DUST HOODS**  
**YL-DM 1004** 12" X 12" X  $\varnothing$ 4"  
**YL-DM 1005** 14" X 14" X  $\varnothing$ 4"



**YL-DM 1028** UNIVERSAL DUST PORT 2 1/2"  
**YL-DM 1029** UNIVERSAL DUST PORT 4"  
**YL-DM 1036** HOSE QUICK CONNECTOR 4"  
**YL-DM 1041** HOSE QUICK CONNECTOR 3"

[www.routmac.com](http://www.routmac.com)



# 吸塵設備

焚化爐 ◆ 噴漆台 ◆ 專業製造



中央系統吸塵設備  
CENTRAL SYSTEM EQUIPMENT FOR DUST COLLECTING



濾管式集塵機  
FILTER TYPE DUST COLLECTOR



吸塵風管系統  
DUCT SYSTEM FOR DUST COLLECTING

木屑儲存定量機  
QUANTITATIVE  
MACHINE  
FOR DUST  
COLLECTING



脈動式布管  
集塵機  
JET PULSE TYPE  
DUST COLLECTOR



無幫浦水洗台 (水幕式水洗台)  
NON-PUMP BOOTH (WATER BOOTH)

## 原子炭製造機炭精廠整廠技術機械安裝及轉移 Technical transfer and installation of the briquette charcoal machine.



本公司備有  
製造流程圖檔  
歡迎向本公司索取



原子炭製造機之機械操作及溫度控制開關  
MACHINE OPERATION AND TEMPERATURE  
CONTROL ON THE BRIQUETTE CHARCOAL  
MACHINE

木屑原子炭製造機 (依客戶需求可更換模具)  
THE BRIQUETTE CHARCOAL MACHINE  
(THE MOLD IS CHANGEABLE UPON DEMAND OF  
THE CUSTOMERS)

模具 (短) 內套管耐用度可達1,500小時  
模具 (長) 內套管耐用度可達3,000小時



溼木屑原料廠  
WET WOOD FLOUR



溼木屑由網篩過濾後投入烘乾爐製程設備  
THE WET WOOD FLOUR IS PERCOLATED,  
AND THEN SENT TO THE DRYER



原子炭製造流程後段成品  
FINISHED PRODUCTS



木屑乾燥滾桶設備流程  
WET WOOD FLOUR DRYER



**B SERIES**

完美的設計、純熟的技術、品質就是力量

Quality Is Our Strength





# B SERIES 優越性能

## 轉子壓縮系統

加大尺寸、軸心與放射狀包圍的雙軸承結構，絕佳精密製造技術，保證穩定的流量輸出與使用壽命。



## 機油循環系統

機油過濾+節溫=不乳化、不變質。依亞熱帶氣候設計，設定水分蒸發最佳臨界溫度，循環機油純淨，絕不乳化變質，確保機具運轉正常。



## 冷卻系統

高效率、高速扇葉固定裝置電機尾端，強制100%負壓冷卻，不高溫。



## 散熱風扇驅動系統

改變傳統馬達驅動風扇原理，創新研發，運用轉子皮帶輪驅動風扇，轉速可達1800~2600rpm，並使用高流量風扇葉片，葉片角度加大，流量增加，散熱更快，無須增加馬達驅動，更省電，更安靜，永遠保持最佳溫度。

可依當地氣溫，調整適當轉速  
1800rpm→2600rpm



## 進氣控制系統

### 節能低耗進氣控制器

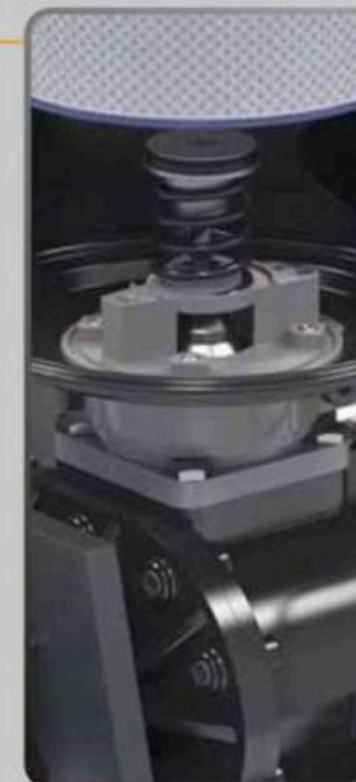
省電型電磁閥控制，結合電磁閥和氣動閥的雙重優點以電力開啟進氣壓縮，以內部餘壓排氣卸載，大型鋼構彈簧只需些許電力（0.5mA）釋放，便能將進氣閥完全閉鎖，阻絕逆壓噴油。進氣時以上部氣壓為來源，以2公斤壓力輕易打開閥門進氣壓縮，真正達到省能目的。

### 阻絕逆壓噴油

電磁閥斷電的同時，進氣閥門藉由彈簧的慣性瞬間閉鎖，並由三通電磁閥洩荷，簡單確實。

### 節能效益

電磁閥動作簡單，保養容易，比容調式多出20%的工作效益。



## 油氣分離系統

保壓閥降低內外壓差，經機油分子撞擊趨於緩和而霧化擴散，經逆反吸油，多重分離2步驟，油量降至2PPM以下。



## 動力懸吊系統

馬達採重力彈簧懸吊設計，以馬達自身重量配合調整裝置，可吸收皮帶張力，使鬆緊度永遠適宜，延長皮帶壽命。



## 除塵濾網系統

粉塵對空壓機的威脅是最嚴重的，DYNA研發團隊，設計了前置除塵過濾網，粉塵捕集率達90%以上，有效將粉塵隔阻於機外之設計，具壽命長、重量輕特性，更換安裝容易而且壓力損失小，處理風量大，可節省許多設備、人力費等。





## PLC PLUS 操作面板的優勢



DYNA PLC PLUS 具通用性強、適應面廣、可靠性高、抗干擾能力強、人機介面易懂等特點，於空氣壓縮和控制應用上多功能、低成本、高效益，是邁向工業智慧自動化的控制器。



### 特性：

- 高分辨率LCD液晶螢幕
- 內建23種語言，人機交流無障礙
- CE, UL, CSA認證，全球範圍應用
- 出廠值復歸
- 詳盡故障紀錄和操作紀錄查詢
- 多級別密碼保護及權限控制
- 本地、遠程控制輕鬆切換
- I/O現場靈活配置
- 全方位電機保護，空壓機應用保護
- 工業級Airbus/Modbus RS485通訊
- 強大的多機聯動控制
- 自動定時啟動/停機/待機
- 工業4.0遠程監控，實現手機/PC即時數據傳輸



## 變頻的優勢

|          |     |          |     |
|----------|-----|----------|-----|
| 變頻<br>節能 | 最省電 | 效能<br>維持 | 高效率 |
| 流量<br>輸出 | 最穩定 | 緩衝<br>啟動 | 壽命長 |
| 運轉<br>平順 | 低耗損 | 機台<br>運轉 | 低噪音 |

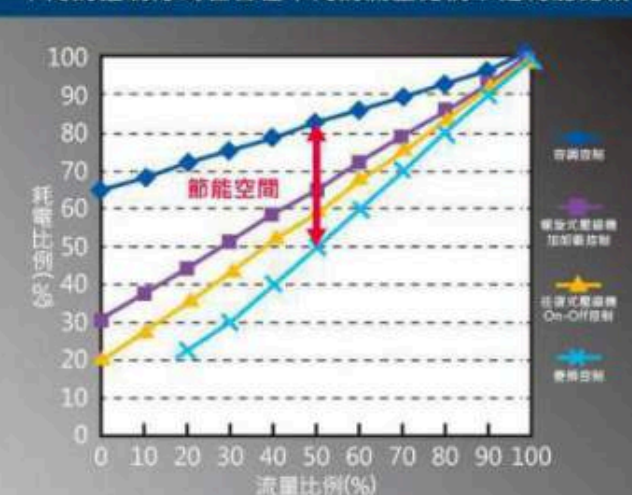


### 變頻效益：

空壓機是工廠耗電量大的必要設備，提高運轉效率關係到生產成本與競爭力。節能需求大且必要。變頻式空壓機依工廠產能需求，以變頻器改變馬達轉速，一般空壓機之產能利用率平均只有50%至70%，且生產線用氣需求變化大，利用變頻器作PID恆壓控制是目前最佳控制方法，能讓空壓機沒有卸載之虛功損耗，所有能源皆用於產出壓縮空氣，為最具效率之控制模式。



不同的控制方式在各種不同的流量比例下之耗能比較





## YL-B 40



| Model Number |          | 空氣出口淨值              |     |                      |     |                      |     | 馬力      | 出風口   | 外型            | 機器        |
|--------------|----------|---------------------|-----|----------------------|-----|----------------------|-----|---------|-------|---------------|-----------|
|              |          | 7kg/cm <sup>2</sup> |     | 10kg/cm <sup>2</sup> |     | 13kg/cm <sup>2</sup> |     |         | 直徑    | 尺寸            | 淨重        |
|              |          | m <sup>3</sup> /min | cfm | m <sup>3</sup> /min  | cfm | m <sup>3</sup> /min  | cfm |         | kW/HP | inch          | 長x寬x高(mm) |
| YL-B40       | DS40-3.7 | 0.5                 | 18  | 0.32                 | 11  | 0.28                 | 9   | 3.7/5   | 3/4   | 1000x600x1150 | 190       |
|              | DS40-5.6 | 0.85                | 30  | 0.65                 | 23  | 0.5                  | 18  | 5.6/7.5 | 3/4   | 1000x600x1150 | 212       |
|              | DS40-7.5 | 1.08                | 38  | 0.88                 | 31  | 0.7                  | 24  | 7.5/10  | 3/4   | 1000x600x1150 | 223       |

## YL-B 120



| Model<br>Number |          | 空氣出口淨值  |     |          |     |          |     | 馬力    | 出風口   | 外型                 | 機器        |
|-----------------|----------|---------|-----|----------|-----|----------|-----|-------|-------|--------------------|-----------|
|                 |          | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |       | 直徑    | 尺寸                 | 淨重        |
|                 |          | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |       | kW/HP | inch               | 長x寬x高(mm) |
| YL-B120         | DS120-22 | 3.5     | 148 | 3.6      | 127 | 3.0      | 106 | 22/30 | 1 1/4 | 1290 x 1030 x 1535 | 667       |
|                 | DS120-30 | 5.1     | 180 | 4.2      | 148 | 3.6      | 127 | 30/40 | 1 1/4 | 1290 x 1030 x 1535 | 687       |

## YL-B 90



| Model<br>Number |         | 空氣出口淨值  |     |          |     |          |     | 馬力    | 出風口   | 外型            | 機器        |
|-----------------|---------|---------|-----|----------|-----|----------|-----|-------|-------|---------------|-----------|
|                 |         | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |       | 直徑    | 尺寸            | 淨重        |
|                 |         | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |       | kW/HP | inch          | 長x寬x高(mm) |
| YL-B90          | DS90-15 | 2.7     | 95  | 2.2      | 77  | 1.6      | 56  | 15/20 | 1     | 1185x895x1280 | 449       |
|                 | DS90-18 | 3.0     | 105 | 2.5      | 88  | 1.8      | 64  | 18/25 | 1     | 1185x895x1280 | 460       |

## YL-B 150



| Model<br>Number |          | 空氣出口淨值  |     |          |     |          |     | 馬力    | 出風口   | 外型             | 機器        |
|-----------------|----------|---------|-----|----------|-----|----------|-----|-------|-------|----------------|-----------|
|                 |          | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |       | 直徑    | 尺寸             | 淨重        |
|                 |          | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |       | kW/HP | inch           | 長x寬x高(mm) |
| YL-B150         | DS150-30 | 5.1     | 180 | 4.2      | 148 | 3.4      | 120 | 30/40 | 1 1/2 | 1360x1030x1795 | 786       |
|                 | DS150-37 | 6.5     | 230 | 5.1      | 180 | 4.2      | 148 | 37/50 | 1 1/2 | 1360x1030x1795 | 900       |
|                 | DS150-45 | 7.3     | 258 | 6.1      | 215 | 5.1      | 180 | 45/60 | 1 1/2 | 1360x1030x1795 | 900       |



## YL-B 200



| Model<br>Number |          | 空氣出口淨值  |     |          |     |          |     | 馬力    | 出風口   | 外型             | 機器        |
|-----------------|----------|---------|-----|----------|-----|----------|-----|-------|-------|----------------|-----------|
|                 |          | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |       | 直徑    | 尺寸             | 淨重        |
|                 |          | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |       | kW/HP | inch           | 長x寬x高(mm) |
| YL-B200         | DS200-55 | 9.5     | 336 | 8.2      | 289 | 6.8      | 240 | 55/75 | 2     | 1690x1100x1850 | 1290      |

## YL-B 300



| Model<br>Number |           | 空氣出口淨值  |     |          |     |          |     | 馬力      | 出風口   | 外型             | 機器        |
|-----------------|-----------|---------|-----|----------|-----|----------|-----|---------|-------|----------------|-----------|
|                 |           | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |         | 直徑    | 尺寸             | 淨重        |
|                 |           | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |         | kW/HP | inch           | 長x寬x高(mm) |
| YL-B300         | DS300-110 | 20.18   | 700 | 17.0     | 600 | 14.0     | 494 | 110/150 | 3     | 2700x1550x1740 | 2175      |
|                 | DS300-132 | 22.8    | 800 | 18.5     | 653 | 16.0     | 565 | 132/175 | 3     | 2950x1650x1840 | 2445      |

## YL-B 250



| Model Number |          | 空氣出口淨值  |     |          |     |          |     | 馬力     | 出風口   | 外型             | 機器        |
|--------------|----------|---------|-----|----------|-----|----------|-----|--------|-------|----------------|-----------|
|              |          | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |        | 直徑    | 尺寸             | 淨重        |
|              |          | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |        | kW/HP | inch           | 長x寬x高(mm) |
| YL-B250      | DS250-75 | 13.4    | 473 | 11.2     | 395 | 9.6      | 340 | 75/100 | 2 1/2 | 2800x1350x1745 | 1800      |
|              | DS250-94 | 16.7    | 590 | 13.4     | 473 | 11.8     | 416 | 94/125 | 3     | 2700x1550x1740 | 2175      |

## YL-B 350



| Model<br>Number |           | 空氣出口淨值  |     |          |     |          |     | 馬力      | 出風口   | 外型             | 機器        |
|-----------------|-----------|---------|-----|----------|-----|----------|-----|---------|-------|----------------|-----------|
|                 |           | 7kg/cm² |     | 10kg/cm² |     | 13kg/cm² |     |         | 直徑    | 尺寸             | 淨重        |
|                 |           | m³/min  | cfm | m³/min   | cfm | m³/min   | cfm |         | kW/HP | inch           | 長x寬x高(mm) |
| YL-B350         | DS350-148 | 26.5    | 936 | 23.0     | 812 | 18.7     | 661 | 148/200 | 3     | 3000x1650x1915 | 3340      |



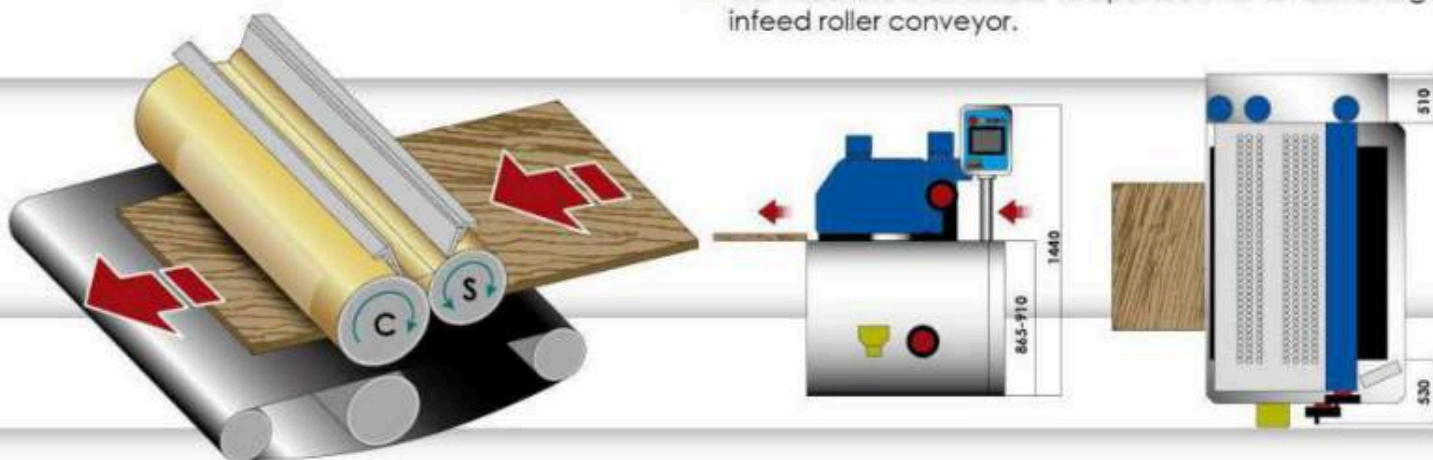
- YL-W20-T
- YL-W30-T
- YL-W40-T

## 特性

- 本機適用於平面塗裝。經本機處理過的工件，表面光滑、無色差。
- 每個滾輪應用獨立的變頻器做電子控制，產品品質可利用均佈滾筒的速度及壓力做調整可將漆完美的塗在工件上。
- 獨家鳩尾槽支撐系統的應用頭。
- 利用具有自動皮帶定位系統的皮帶輪運送工件。
- 清潔刀片具有外部的靠近及分離控制（不必升起保護柵欄）。
- 具有快速更換滾輪系統。
- 氣動雙隔膜泵浦，不產生火花，安全更不會有空氣污染之虞。
- 電動升降裝置與限動開關保護膠輪超厚斷電停止。
- 此機器可與加長型輸送機共用。

## FEATURES

- This machine is applied for flat coating, providing workpieces of smooth finishing and consistent color.
- Each roller is independently controlled by a frequency inverter. The smoothing roller speed and pressure are adjustable, ensuring perfect coating on workpiece.
- The application head is supported by the exclusively designed dovetailed support system.
- Workpiece is fed through a conveyor belt that features automatic positioning.
- Cleaning scrapers can be conveniently controlled from outside without need to raise the grid guard.
- Rollers are easy to replace.
- Double air diaphragm pump does not create sparks, while ensuring operational safety and is air-pollution-free.
- The powered elevation design combined with limit switch provides over-travel protection. In case over-travel occurs, power shuts off automatically.
- The machine is available to operate with an extra large infeed roller conveyor.



# 滾筒式平面塗裝機 ROLLER COATER

## 適用

以UV底、UV面、PU、NC、水性塗料塗裝地板/傢俱/木片/玻璃/壁板/地磚/合板...等平面塗裝之使用。

## APPLICATIONS

Flat coating with UV base / surface, PU, NC and water-based lacquer for floor / furniture / wood slice / glass / wall plane / tile / plywood and so on.

## SPECIFICATIONS

| 型號          | Model                       | YL-W20-T   | YL-W30-T                                 | YL-W40-T  | YL-W50-T  |
|-------------|-----------------------------|------------|------------------------------------------|-----------|-----------|
| 最大塗裝寬度      | Maximum width of coating    | 610 mm     | 920 mm                                   | 1290 mm   | 1650 mm   |
| 最短塗裝長度      | Minimum length of coating   | 300 mm     | 300 mm                                   | 300 mm    | 300 mm    |
| 工件厚度        | Workpiece thickness range   | 2-80 mm    | 2-80 mm                                  | 2-80 mm   | 2-80 mm   |
| 輸送帶速度       | Conveyor belt speed         | 10-20M/min | 其它速度可依客戶指定<br>Other speeds are available |           |           |
| ● 塗佈輪尺寸(mm) | Coating roller sizes (mm)   | Ø205x780   | Ø250x1100                                | Ø250x1450 | Ø250x1800 |
| ● 均佈輪尺寸(mm) | Smoothing roller sizes (mm) | Ø150x780   | Ø175x1100                                | Ø175x1450 | Ø175x1800 |
| ● 塗佈輪馬力     | Coating roller motor        | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| ● 均佈輪馬力     | Smoothing roller motor      | 0.18 KW    | 0.37 KW                                  | 0.37 KW   | 0.75 KW   |
| 輸送帶馬力       | Conveyor belt motor         | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| 昇降馬力        | Elevation motor             | 0.18 KW    | 0.18 KW                                  | 0.18 KW   | 0.37 KW   |
| 泵浦(氣壓式隔膜泵浦) | Pump (air diaphragm pump)   | 3 / 8"     | 1 / 2"                                   | 1 / 2"    | 3 / 4"    |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice.  
可依客戶需求定製特殊規格。 Customization is available to meet special process requirements.





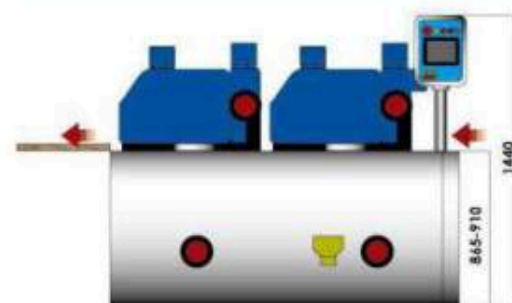
YL-W2T-T  
YL-W3T-T  
YL-W4T-T

## 特性

- 本機適用於平面塗裝。經本機處理過的工件，表面光滑、無色差。
- 每個滾輪應用獨立的變頻器做電子控制，產品品質可利用均佈滾筒的速度及壓力做調整可將漆完美的塗在工件上。
- 獨家鳩尾槽支撐系統的應用頭。
- 利用具有自動皮帶定位系統的皮帶輪運送工件。
- 清潔刀片具有外部的靠近及分離控制（不必升起保護柵欄）。
- 具有快速更換滾輪系統。
- 氣動雙隔膜泵浦，不產生火花，安全更不會有空氣污染之慮。
- 電動升降裝置與限動開關保護膠輪超厚斷電停止。
- 此機器可與加長型輸送機共用。

## FEATURES

- This machine is applied for flat coating, providing workpieces of smooth finishing and consistent color.
- Each roller is independently controlled by a frequency inverter. The smoothing roller speed and pressure are adjustable, ensuring perfect coating on workpiece.
- The application head is supported by the exclusively designed dovetailed support system.
- Workpiece is fed through a conveyor belt that features automatic positioning.
- Cleaning scrapers can be conveniently controlled from outside without need to raise the grid guard.
- Rollers are easy to replace.
- Double air diaphragm pump does not create sparks, while ensuring operational safety and is air-pollution-free.
- The powered elevation design combined with limit switch provides over-travel protection. In case over-travel occurs, power shuts off automatically.
- The machine is available to operate with an extra large infeed roller conveyor.



# 滾筒式平面塗裝機 ROLLER COATER

適用 本機可另外可做著色機使用。

以UV底、UV面、PU、NC、水性塗料塗裝地板/傢俱/木片/玻璃/壁板/地磚/合板...等平面塗裝之使用。

APPLICATIONS The machine is also suitable for staining.

Flat coating with UV base / surface, PU, NC and water-based lacquer for floor / furniture / wood slice / glass / wall plane / tile / plywood and so on.

## SPECIFICATIONS

| 型號          | Model                       | YL-W2T-T                                               | YL-W3T-T  | YL-W4T-T  | YL-W5T-T  |
|-------------|-----------------------------|--------------------------------------------------------|-----------|-----------|-----------|
| 最大塗裝寬度      | Maximum width of coating    | 610 mm                                                 | 920 mm    | 1290 mm   | 1650 mm   |
| 最短塗裝長度      | Minimum length of coating   | 300 mm                                                 | 300 mm    | 300 mm    | 300 mm    |
| 工件厚度        | Workpiece thickness range   | 2-80 mm                                                | 2-80 mm   | 2-80 mm   | 2-80 mm   |
| 輸送帶速度       | Conveyor belt speed         | 10-20M/min<br>其它速度可依客戶指定<br>Other speeds are available |           |           |           |
| 塗佈輪尺寸(mm)   | Coating roller sizes (mm)   | Ø205x780                                               | Ø250x1100 | Ø250x1450 | Ø250x1800 |
| 均佈輪尺寸(mm)   | Smoothing roller sizes (mm) | Ø150x780                                               | Ø175x1100 | Ø175x1450 | Ø175x1800 |
| 塗佈輪馬力       | Coating roller motor        | 0.75 KW                                                | 1.5 KW    | 1.5 KW    | 1.5 KW    |
| 均佈輪馬力       | Smoothing roller motor      | 0.18 KW                                                | 0.37 KW   | 0.37 KW   | 0.75 KW   |
| 輸送帶馬力       | Conveyor belt motor         | 0.75 KW                                                | 1.5 KW    | 1.5 KW    | 1.5 KW    |
| 昇降馬力        | Elevation motor             | 0.18 KW                                                | 0.18 KW   | 0.18 KW   | 0.37 KW   |
| 泵浦(氣壓式隔膜泵浦) | Pump (air diaphragm pump)   | 1 / 2"                                                 | 1 / 2"    | 1 / 2"    | 3 / 4"    |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice. 可依客戶需求定製特殊規格。 Customization is available to meet special process requirements.





# 底漆填補機 FILLER REPLENISHER

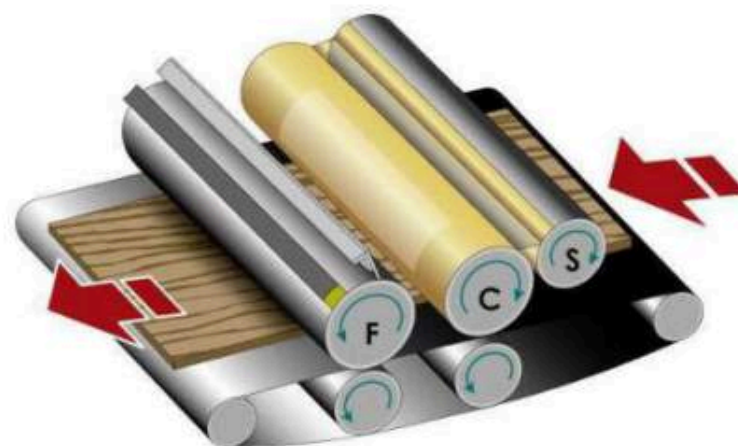
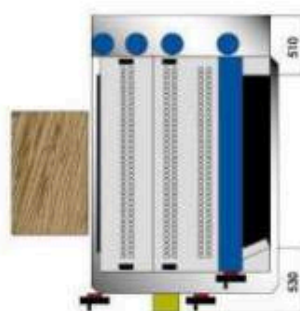
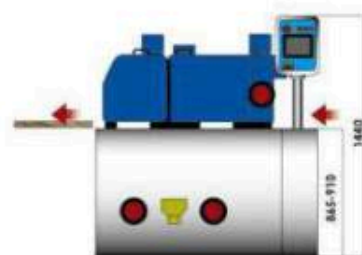
## 適用

UV底、塗料塗裝、地板、傢具、木片、壁板、合板...等平面塗裝之使用。

## APPLICATIONS

UV lacquered, floor, furniture, wood slice, wall plane, plywood and so on for flat coating use.

- YL-W2TA -M
- YL-W3TA -M
- YL-W4TA -M



## 特性

- 有關塗裝工件紋路粗糙，甚至出現小針孔現象均可填平而呈現細緻表面。
- 本機適UV等之塗裝工作經逆轉後，可將表面多餘塗料刮除，再循環使用，不浪費。
- 每個滾輪應用獨立的變頻器做電子控制，產品品質可利用填補輪的速度及壓力做調整可將漆完美的塗在工件上。
- 獨家鳩尾槽支撐系統的應用頭。
- 利用具有自動皮帶定位系統的皮帶輪運送工件。
- 清潔刀片具有外部的靠近及分離控制（不必升起保護柵欄）。
- 均佈輪可調整工作與上油漆的厚度而維持工作的標準品質。
- 電動升降裝置與限動開關保護膠輪超厚斷電停止。
- 此機器可與加長型輸送機共用。

## FEATURES

- All defects such as coarse grain and pores can be filled up to achieve extremely fine finish surface.
- The machine is suitable for UV paint coating. With the counter-clockwise running of roller, the paint surplus on the workpiece can be removed for reuse without waste of paint.
- Each roller is independently controlled by a frequency inverter. The filler roller speed and pressure are adjustable, ensuring perfect coating on workpiece.
- The application head is supported by the exclusively designed dovetailed support system.
- Workpiece is fed through a conveyor belt that features automatic positioning.
- Cleaning scrapers can be conveniently controlled for approaching and separation from outside without need to raise the grid-guard.
- Coating thickness is adjusted by means of smoothing roller that ensures high coating quality.
- The powered elevation design combined with limit switch provide over-travel protection. In case over-travel occurs, power shuts off automatically.
- The machine is available to operate with an extra long infeed roller conveyor.

## SPECIFICATIONS

| 型號          | Model                       | YL-W2TA-M  | YL-W3TA-M                                | YL-W4TA-M | YL-W5TA-M |
|-------------|-----------------------------|------------|------------------------------------------|-----------|-----------|
| 最大塗裝寬度      | Maximum width of coating    | 610 mm     | 920 mm                                   | 1290 mm   | 1650 mm   |
| 最短塗裝長度      | Minimum length of coating   | 300 mm     | 300 mm                                   | 300 mm    | 300 mm    |
| 工件厚度        | Workpiece thickness range   | 2-80 mm    | 2-80 mm                                  | 2-80 mm   | 2-80 mm   |
| 輸送帶速度       | Conveyor belt speed         | 10-20M/min | 其它速度可依客戶指定<br>Other speeds are available |           |           |
| ◎ 塗佈輪尺寸(mm) | Coating roller sizes (mm)   | Ø205x780   | Ø250x1100                                | Ø250x1450 | Ø250x1800 |
| ◎ 均佈輪尺寸(mm) | Smoothing roller sizes (mm) | Ø150x780   | Ø175x1100                                | Ø175x1450 | Ø175x1800 |
| ◎ 填補輪尺寸(mm) | Filler roller sizes (mm)    | Ø200x780   | Ø250x1100                                | Ø250x1450 | Ø250x1800 |
| ◎ 塗佈輪馬力     | Coating roller motor        | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| ◎ 均佈輪馬力     | Smoothing roller motor      | 0.18 KW    | 0.37 KW                                  | 0.37 KW   | 0.75 KW   |
| ◎ 填補輪馬力     | Filler roller motor         | 0.18 KW    | 0.75 KW                                  | 0.75 KW   | 1.5 KW    |
| 輸送帶馬力       | Conveyor belt motor         | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| 昇降馬力        | Elevation motor             | 0.18 KW    | 0.18 KW                                  | 0.18 KW   | 0.37 KW   |
| 泵浦(氣壓式隔膜泵浦) | Pump (air diaphragm pump)   | 3 / 4"     | 3 / 4"                                   | 3 / 4"    | 3 / 4"    |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice.  
可依客戶需求定制特殊規格。 Customization is available to meet special process requirements.



# 滾筒式平面塗裝機 ROLLER COATER

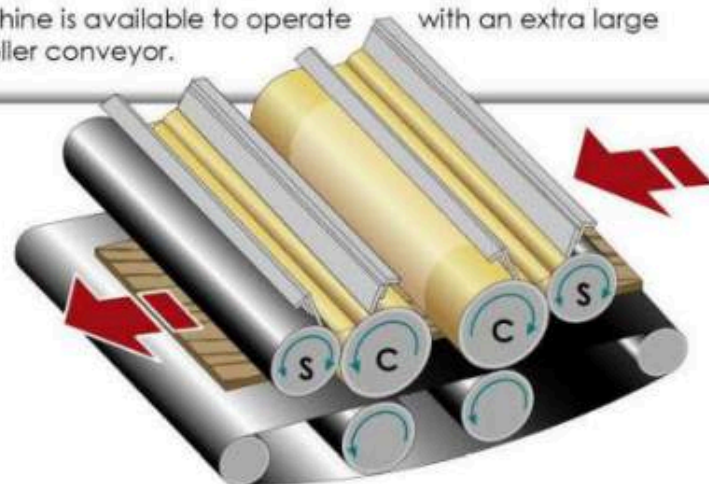
- YL-W2TA-T
- YL-W3TA-T
- YL-W4TA-T

## 特性

- 本機適用於平面塗裝。經本機處理過的工件，表面光滑、無色差。
- 每個滾輪應用獨立的變頻器做電子控制，產品品質可利用均佈滾筒的速度及壓力做調整可將漆完美的塗在工件上。
- 獨家鳩尾槽支撐系統的應用頭。
- 利用具有自動皮帶定位系統的皮帶輪運送工作件。
- 清潔刀片具有外部的靠近及分離控制（不必升起保護柵欄）。
- 具有快速更換滾輪系統。
- 氣動雙隔膜泵浦，不產生火花，安全更不會有空氣污染之慮。
- 電動升降裝置與限動開關保護膠輪超厚斷電停止。
- 此機器可與加長型輸送機共用。

## FEATURES

- This machine is applied for flat coating, providing workpieces of smooth finishing and consistent color.
- Each roller is independently controlled by a frequency inverter. The smoothing roller speed and pressure are adjustable, ensuring perfect coating on workpiece.
- The application head is supported by the exclusively designed dovetailed support system.
- Workpiece is fed through a conveyor belt that features automatic positioning.
- Cleaning scrapers can be conveniently controlled from outside without need to raise the grid guard.
- Rollers are easy to replace.
- Double air diaphragm pump does not create sparks, while ensuring operational safety and is air-pollution-free.
- The powered elevation design combined with limit switch provides over-travel protection. In case over-travel occurs, power shuts off automatically.
- The machine is available to operate with an extra large infeed roller conveyor.



## 適用

以UV底、UV面塗料塗裝地板/傢俱/木片/玻璃/壁板/地磚/合板...等平面塗裝之使用。

## APPLICATIONS

Flat coating with UV base / surface lacquer for floor / furniture / wood slice / glass / wall plane / tile / plywood and so on.



## SPECIFICATIONS

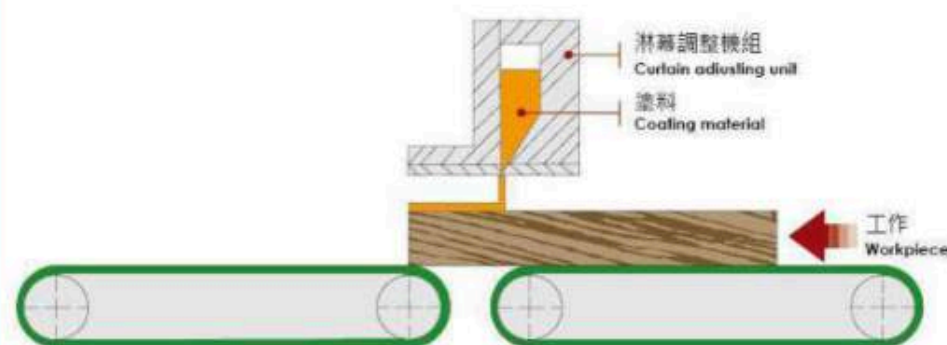
| 型號          | Model                       | YL-W2TA-T  | YL-W3TA-T                                | YL-W4TA-T | YL-W5TA-T |
|-------------|-----------------------------|------------|------------------------------------------|-----------|-----------|
| 最大塗裝寬度      | Maximum width of coating    | 610 mm     | 920 mm                                   | 1290 mm   | 1650 mm   |
| 最短塗裝長度      | Minimum length of coating   | 300 mm     | 300 mm                                   | 300 mm    | 300 mm    |
| 工件厚度        | Workpiece thickness range   | 2-80 mm    | 2-80 mm                                  | 2-80 mm   | 2-80 mm   |
| 輸送帶速度       | Conveyor belt speed         | 10-20M/min | 其它速度可依客戶指定<br>Other speeds are available |           |           |
| ● 塗佈輪尺寸(mm) | Coating roller sizes (mm)   | Ø205x780   | Ø250x1100                                | Ø250x1450 | Ø250x1800 |
| ● 均佈輪尺寸(mm) | Smoothing roller sizes (mm) | Ø150x780   | Ø175x1100                                | Ø175x1450 | Ø175x1800 |
| ● 塗佈輪馬力     | Coating roller motor        | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| ● 均佈輪馬力     | Smoothing roller motor      | 0.18 KW    | 0.37 KW                                  | 0.37 KW   | 0.75 KW   |
| 輸送帶馬力       | Conveyor belt motor         | 0.75 KW    | 1.5 KW                                   | 1.5 KW    | 1.5 KW    |
| 昇降馬力        | Elevation motor             | 0.18 KW    | 0.18 KW                                  | 0.18 KW   | 0.37 KW   |
| 泵浦(氣壓式隔膜泵浦) | Pump (air diaphragm pump)   | 1 / 2"     | 1 / 2"                                   | 1 / 2"    | 3 / 4"    |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice.  
可依客戶需求定製特殊規格。 Customization is available to meet special process requirements.



# 淋幕式平面塗裝機 CURTAIN COATER

- YL- 10F
- YL- 20F
- YL- 30F
- YL- 40F



## 特性

- 本機乃UV、P U、NC、水性塗料塗裝之專用機種及組合式傢俱、木製玩具、拼圖等之平面塗裝機種。
- 淋幕塗料之間隙可由手輪兩端同步調整，亦可由計數器數字顯示其間隙大小，淋膜分佈均勻，節省塗料。
- 採用強力塗料輸送泵，運轉無聲，塗料流量可任意調整，並可消除塗料因溫升而變質。未使用完了的塗料經回收槽流回塗料桶內，再循環使用，不浪費。
- 輸送帶採用高級合成樹脂製成，不易斷裂，塗料沾污表面容易消除。
- 另本機之塗料桶設有加熱器，遇塗料溫度過低時，可予加熱，以供作業。

## FEATURES

- The machine is applicable for UV, PU, NC and water-based lacquer paint. Suitable for surface coating for various K/D furniture, wooden toys and composite figures, etc.
- The gap for paint can be synchronously adjusted at both ends. The gap is indicated by a counter. With this accurate adjustment, you get uniform distribution of coating and paint saving.
- Powerful paint delivery pump features quiet running and adjustable paint flow rate. No paint deterioration due to temperature growth. Paint surplus is delivered to a collection tank for return-flow to the paint tank, which can be reused without waste.
- The conveyor belt is manufactured from high quality synthetic resin, featuring no breakage, and it is easy to clean off the paint pollution.
- The paint tank is equipped with a heater. In case paint temperature is too low, it can be heated to ensure normal operation.

## SPECIFICATIONS

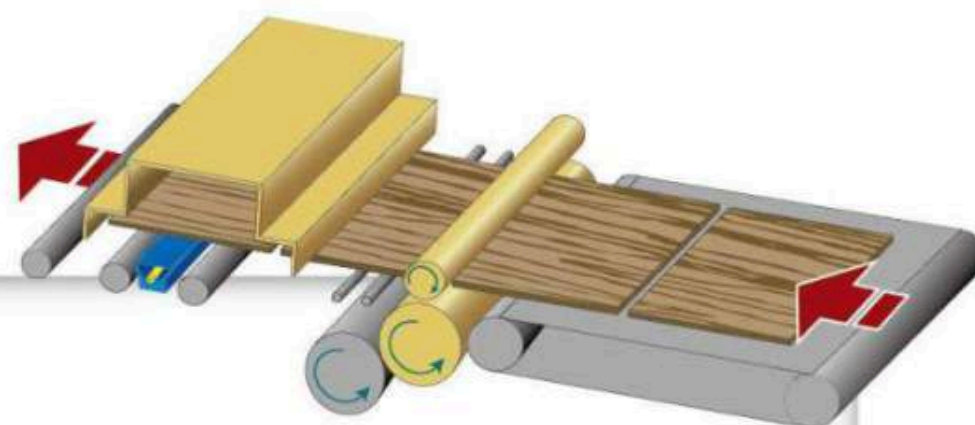
| 型號<br>Model number | 有效塗裝寬度<br>Effective coating width | 工件厚度<br>Workpiece thickness | 工件最短塗裝長度<br>Min. workpiece coating length | 塗料輸送泵動力<br>Transfer pump power | 輸送動力<br>Feeding power |
|--------------------|-----------------------------------|-----------------------------|-------------------------------------------|--------------------------------|-----------------------|
| YL-10F             | 300mm                             | 1-35mm                      | 300mm                                     | 1HP                            | 1HP                   |
| YL-20F             | 610mm                             |                             | 300mm                                     | 1HP                            | 1HP                   |
| YL-30F             | 920mm                             |                             | 350mm                                     | 2HP                            | 1HP                   |
| YL-40F             | 1290mm                            |                             | 350mm                                     | 2HP                            | 2HP                   |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice.  
可依客戶需求定制特殊規格。 Customization is available to meet special process requirements.



# 背面滾塗機+UV乾燥機 ROLLER COATER (BACK TYPE) + UV CURING MACHINE

■ YL-201B + 201W



## 特性

- 本機適用於背面滾塗平面塗裝作業。
- 氣動式雙隔膜泵浦，不產生火花，安全，更不會有空氣污染之慮。
- 輸送帶可調整其速度範圍10~20 M/min。
- 操作簡單，僅需將工作件放置於輸送帶上即可，不需技術人員操作。

## FEATURES

- The roller coater is designed for coating backside of workpiece.
- Air operated dual diaphragm pump features no sparking, is safe, and has no air pollution problem.
- Conveyor belt speed is adjustable in the range of 10~20 M/min.
- Easy to operate. The operator only needs to place workpieces on the conveyor belt without the need of an experienced technician.

## SPECIFICATIONS

| 型號          | Model                       | YL-201B+201W | YL-301B+301W                             | YL-401B+401W |
|-------------|-----------------------------|--------------|------------------------------------------|--------------|
| 最大塗裝寬度      | Maximum width of coating    | 610 mm       | 920 mm                                   | 1290 mm      |
| 最短塗裝長度      | Minimum length of coating   | 300 mm       | 300 mm                                   | 300 mm       |
| 工件厚度        | Workpiece thickness range   | 2-50 mm      | 2-50 mm                                  | 2-50 mm      |
| 輸送帶速度       | Conveyor belt speed         | 10-20M/min   | 其它速度可依客戶指定<br>Other speeds are available |              |
| 塗佈輪尺寸(mm)   | Coating roller sizes (mm)   | Ø152x620     | Ø152x930                                 | Ø180x1300    |
| 均佈輪尺寸(mm)   | Smoothing roller sizes (mm) | Ø100x620     | Ø100x930                                 | Ø125x1300    |
| 輸送帶馬力       | Conveyor belt motor         | 0.75 KW      | 0.75 KW                                  | 0.75 KW      |
| 泵浦(氣壓式隔膜泵浦) | Pump (air diaphragm pump)   | 3 / 8"       | 3 / 8"                                   | 3 / 4"       |

規格、尺寸、外型及顏色若有變更恕不另通知。 Specifications, dimensions, appearance and color are subject to change without prior notice.  
可依客戶需求定制特殊規格。 Customization is available to meet special process requirements.

NEW model

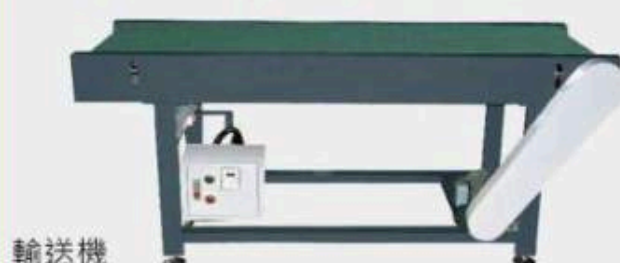




- PERIPHERAL EQUIPMENT
- ACCESSORIES

## 周邊設備

YL- W2-2C / YL- W3-3C / YL- W4-4C



輸送機

用於砂光機、滾輪塗佈機的板材送料

CONVEYOR

Suitable for panel feeding for sander and roller coater.

YL- W2T-DR /  
YL- W3T-DR / YL- W4T-DR

板面粉塵清除機

PANEL SURFACE DUST  
REMOVING MACHINE



YL- W2-MF /  
YL- W3-MF / YL- W4-MF

自動送料機

AUTOMATIC FEEDER



YL- W2T-W / YL- W3T-W / YL- W4T-W

UV乾燥機

- 瞬間乾燥，可立即進行後續作業，節省作業時間。
- 連續作業，塗裝後成品直接乾燥，免除搬運之苦，減少存放空間，提高生產效率。
- 乾燥後，塗裝物表面硬度提高，光潔亮麗。
- 適用範圍廣，涵蓋平面或立體的工作，如木器類、傢俱類、建材類。

UV CURING MACHINE

- Instant drying permits immediate consecutive processing for saving considerable time.
- Suitable for online operation. After coating, workpieces can be directly dried. The benefits are eliminating workpiece handling time, reducing workpiece storing space and increasing production efficiency.
- After drying, the product surface hardness will increase and features extra fine finish.
- Wide application range including plane or 3D workpiece, such as wood products, furniture and construction materials, etc.



YL- W2T-HC /  
YL- W3T-HC / YL- W4T-HC

加熱平坦輸送機(紅外線乾燥機)

本機乃供烤經塗裝後的工件，將表面之塗料氣泡平整消除，使其表面美觀，便於後續作業。

輸送速度無段變速調整，可針對工件之特性，調整其速度。

HEATING FLATTENING MACHINE  
(INFRARED RAY DESICCATOR)

This machine is designed for baking the coated workpiece to remove the bubbles on the coating surface. This results in an excellent surface for consecutive processing. Variable feed speed allows speed change as desired to suit workpiece characteristics.



## 配件 ACCESSORIES

### 標準配備 STANDARD ACCESSORIES



手動進退調整輪  
Manual forward/  
backward  
control handwheel



控制箱系統  
Control system



數字型控制面板  
Digital control panel



減速機昇降裝置  
Elevation driven by  
speed reducer

### 選購配備 OPTIONAL ACCESSORIES



機械滑動輪  
Machine movable wheel



塗料加熱桶  
Paint heating tank



自動昇降調整裝置  
Automatic elevation  
adjustment device



微電腦控制面板  
Micro-computer  
control panel

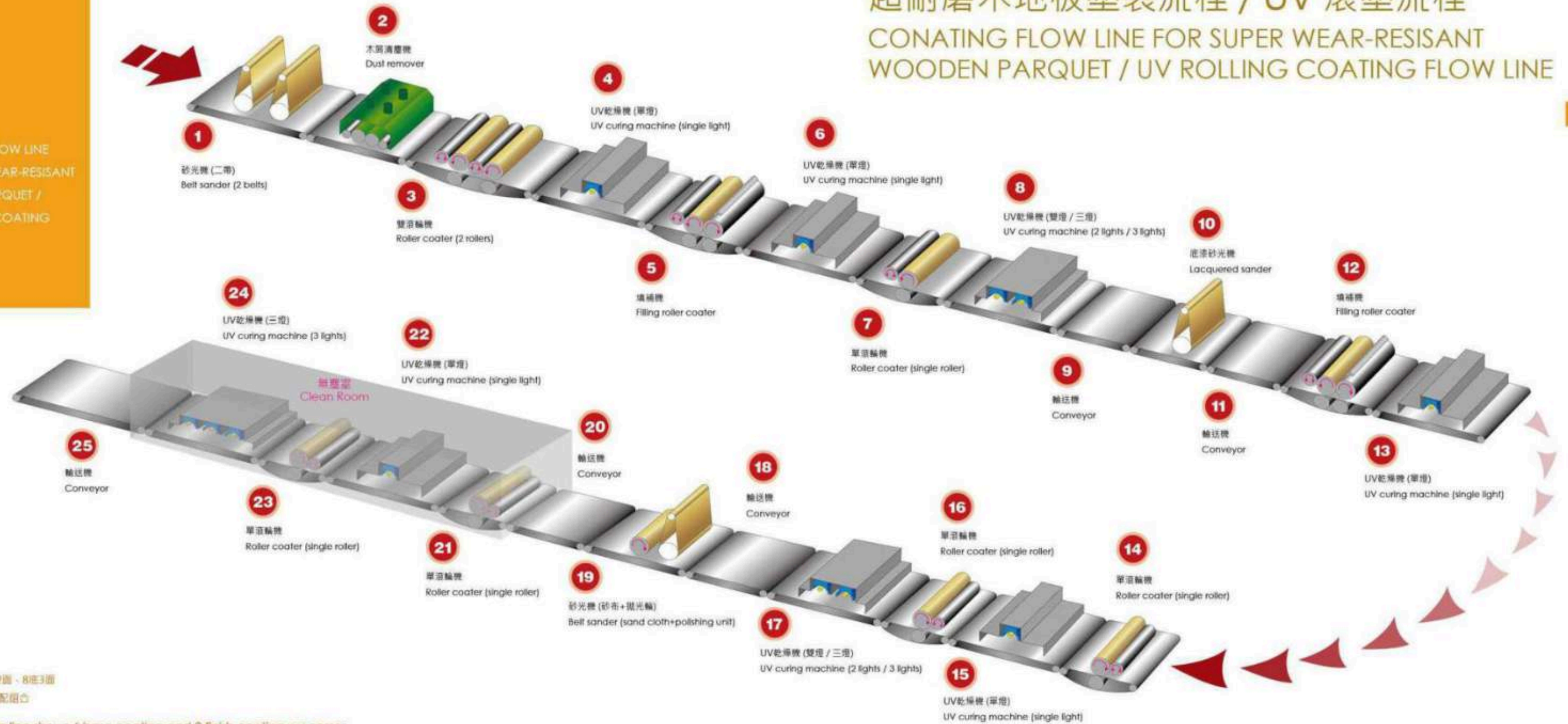


氣動攪拌機  
Air agitator



## 超耐磨木地板塗裝流程 / UV 滾塗流程 CONATING FLOW LINE FOR SUPER WEAR-RESISANT WOODEN PARQUET / UV ROLLING COATING FLOW LINE

CONATING FLOW LINE  
FOR SUPER WEAR-RESISANT  
WOODEN PARQUET /  
UV ROLLING COATING  
FLOW LINE



- 此為6底2面
- 可選6底3面或8底2面、8底3面
- 可依客戶的需求搭配組合

- This production line shows 6 base coating and 2 finish coating processes.
- Other coating processes such as 6 base coating with 3 finish coating, 8 base coating with 2 finish coating and 8 base coating with 3 finish coating are available.
- Coating processes can be specified as desired.





短周期板材貼面生產線  
Short Cycle Laminating Production Lines

1. 油壓昇降平台 Hydraulic Scissors Lifter.
2. 板材清塵機 Dust Cleaner.
3. 滾筒輸送台 Rollers Conveyor.
4. 雙面佈膠機 Twin Surface Glue Spreader.
5. 不鏽鋼碟片式輸送台 Stainless Steel Discs Conveyor.
6. 皮帶式輸送機 Belt Conveyor.
7. 短周期貼面熱壓機 Short-cycle Laminating Hot Press.
8. 人機觸控介面電控箱 HMI & PLC Control System.

| 型號 MODEL                | YLC-1426             | YLC-1632            | YLC-1450             |
|-------------------------|----------------------|---------------------|----------------------|
| 工作台尺寸 Platen Size       | 4' x 8'              | 5' x 10'            | 4' x 16'             |
| 油壓缸數 Hydraulic cylinder | Ø125 x 6             | Ø180 x 6            | Ø150 x 12            |
| 壓力 $\text{kg/cm}^2$     | 4.6 $\text{kg/cm}^2$ | 11 $\text{kg/cm}^2$ | 7.6 $\text{kg/cm}^2$ |



人機操作介面外觀。高度整合的操作介面及監控系統，使操作便利性大幅提升。

HMI appearance. The highly integrated user interface and control system that allows ease of operation has increased significantly.

THP-單輸送熱壓機

THP-U shaped auto in/out feeding hot press



THP-1325-100T

### 特點

- 同位置全自動進出料設計；僅需單人即可操作上下料，降低人力成本。
- 空間利用最大化；進出料上下分層設計，有效降低操作空間。
- PLC人機控制介面；整合操作功能、資訊，一目了然。

### Features:

- Auto In/Out feeding at same position. Only operator needed to loading & unloading the work-piece. Successfully to reducing the man-costs.
- Maximize space utilization. Unloading free rollers table is designed on the top of the loading belt.
- PLC & HMI control panel. Integrating operating functions and information at a glance.

| 型號 MODEL                  | THP-1325-100T         | THP-1532-150T         |
|---------------------------|-----------------------|-----------------------|
| 工作台尺寸 Platen Size         | 1300 x 2500 mm        | 1500 x 3200 mm        |
| 最大開距 Daylight             | 380 mm                | 380 mm                |
| 油壓缸 Hyd. Cylinder         | Ø100 x 6 set          | Ø100 x 8 set          |
| 總出力 Total Thrust          | 100 Ton               | 150 Ton               |
| 馬力 Power                  | 5 HP                  | 7.5 HP                |
| 機械尺寸 Machine Size (L*W*H) | 3530 x 3366 x 2160 mm | 4250 x 3570 x 2310 mm |
| 機械重量 Machine Weight       | 6000 kgs              | 7500 kgs              |



熱壓機  
Hot Press

特點

- 本產品堅固耐用、品質高而聞名。其結構採用高強力鋼樑焊接而成，配合精密加工機加工而成，油壓缸採堅硬之鍍鉻保護，以及裝配特別由豐保護，使用壽命長。在機械壓板下方配置齒輪，可使油壓缸完全一致昇降移動，壓板整體受力分布平均。
- 本機適用於：木板、合板、拼板等之表面貼合各種花紋、皮紙、薄片、PU灌注成型、發泡成型、店木板熱壓成型、木屑壓合成板等。

Features:

- This hot presses are famous for their solidity, durability and high quality. The structures of these machines are welded together with high-strength steel beams and processed with great precision machines. The hydraulic cylinders are protected with solid chromate treatment and equipped with special oil seal protection to make them durable. Gears are equipped under the mechanical pressing platen to make the hydraulic cylinders move synchronously up and down and to evenly distribute the overall power on the pressing platen.
- This is a perfect machine for compressing the surface of boards, which are timber and plywood, adhere to anther, such as patterns, veneer, PU injection forming, foam forming, hot pressing for bake lite, etc.

人機介面控制系統 HMI & PLC Control System

- 配有主要之三相主電源開關、緊急停止鈕、加熱泵、計時器、加壓鈕、釋壓鈕。
- 溫度計可依所需溫度設定。
- 壓力計可在安全費為內設定所需壓力，當壓力下降時自動補壓，壓力到達時，馬達會自動停止。

- The control panel is equipped with a 3-phase main power switch, emergency stop button, heating pump, timer, compressing button, unfolding button.
- The thermometer can be set according to the needed temperature.
- The manometer can be set at a needed pressure within safety range. When the pressure reached the expected pressure and them the motor stops automatically.



電熱煤加熱爐 Electric Hot Oil Heater

- 電熱煤加熱之加熱桶，有完整之循環泵、連接管之膨脹槽。

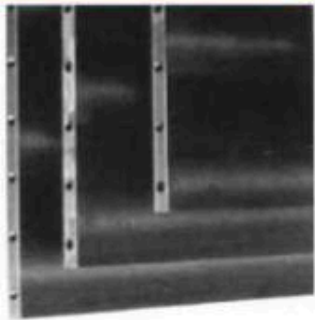
- The heating tank of electric coal boiler is equipped expansion tank with a complete circulation pump and connected pipes.



電熱煤加熱爐 Electric Hot Oil Heater

- 加熱壓板以厚實鋼板鑽孔做為熱介質流通迴路，耐熱最高可達200℃，最大承受壓力為20kg/cm<sup>2</sup>。

- The heating board is made of thick solid steel board, which are drilled a pipeline for circulating the hot-medium. The board can resistant heat up to 200℃ and pressure-resistant is up to 20kg/cm<sup>2</sup>.



熱壓機  
Hot Press



| 型號<br>MODEL         | YLHP-70T-1<br>1 Layer  | YLHP-70T-2<br>2 Layer | YLHP-70T-3<br>3 Layer |
|---------------------|------------------------|-----------------------|-----------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm         |                       |                       |
| 最大間距 Daylight       | 400 mm                 | 150 mm                | 300 mm                |
| 行程 Stroke           | 400 mm                 | 300 mm                |                       |
| 油壓缸 Hyd. Cylinder   | Ø100 x 4               |                       |                       |
| 每平方壓力 Press         | 2.1 kg/cm <sup>2</sup> |                       |                       |
| 總出力 Total Thrust    | 70 tons                |                       |                       |
| 馬力 Power            | 3 HP                   |                       |                       |
| 機械尺寸 Machine Size   | 3400 x 1600 x 2110 mm  |                       |                       |
| 機械重量 Machine Weight | 5000 kgs               | 6250 kgs              | 7500 kgs              |

| 型號<br>MODEL         | YLHP-100T-1<br>1 Layer | YLHP-100T-3<br>3 Layer | YLHP-100T-5<br>5 Layer |
|---------------------|------------------------|------------------------|------------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm         |                        |                        |
| 最大開距 Daylight       | 400 mm                 | 100 mm                 |                        |
| 行程 Stroke           | 400 mm                 | 300 mm                 | 500 mm                 |
| 油壓缸 Hyd. Cylinder   | Ø100 x 6               |                        |                        |
| 每平方壓力 Press         | 3 kg/cm <sup>2</sup>   |                        |                        |
| 總出力 Total Thrust    | 100 tons               |                        |                        |
| 馬力 Power            | 5 HP                   |                        |                        |
| 機械尺寸 Machine Size   | 3600 x 1700 x 2250 mm  |                        |                        |
| 機械重量 Machine Weight | 6500 kgs               | 9050 kgs               | 12000 kgs              |

| 型號<br>MODEL         | YLHP-120T-1<br>1 Layer | YLHP-120T-3<br>3 Layer | YLHP-120T-5<br>5 Layer |
|---------------------|------------------------|------------------------|------------------------|
| 工作台尺寸 Platen Size   | 1300 x 3000 mm         |                        |                        |
| 最大開距 Daylight       | 400 mm                 | 100 mm                 |                        |
| 行程 Stroke           | 400 mm                 | 300 mm                 | 500 mm                 |
| 油壓缸 Hyd. Cylinder   | Ø110 x 6               |                        |                        |
| 每平方壓力 Press         | 3 kg/cm <sup>2</sup>   |                        |                        |
| 總出力 Total Thrust    | 120 tons               |                        |                        |
| 馬力 Power            | 5 HP                   |                        |                        |
| 機械尺寸 Machine Size   | 4100 x 1700 x 2250 mm  |                        |                        |
| 機械重量 Machine Weight | 7500 kgs               | 10560 kgs              | 13600 kgs              |



## 熱壓機 Hot Press



| 型號<br>MODEL         | YLHP-160T-1<br>1 Layer | YLHP-160T-3<br>3 Layer | YLHP-160T-5<br>5 Layer |
|---------------------|------------------------|------------------------|------------------------|
| 工作台尺寸 Platen Size   | 1300 x 3000 mm         |                        |                        |
| 最大開距 Daylight       | 400 mm                 | 100 mm                 |                        |
| 行程 Stroke           | 400 mm                 | 300 mm                 | 500 mm                 |
| 油壓缸 Hyd. Cylinder   | Ø110 x 8               |                        |                        |
| 每平方壓力 Press         | 4.1 kg/cm <sup>2</sup> |                        |                        |
| 總出力 Total Thrust    | 160 tons               |                        |                        |
| 馬力 Power            | 7.5 HP                 |                        |                        |
| 機械尺寸 Machine Size   | 4100 x 1700 x 2450 mm  |                        |                        |
| 機械重量 Machine Weight | 9100 kgs               | 12160 kgs              | 15600 kgs              |

| 型號<br>MODEL            | YLHP-200T-1<br>1 Layer | YLHP-200T-3<br>3 Layer | YLHP-200T-5<br>5 Layer |
|------------------------|------------------------|------------------------|------------------------|
| 工作台尺寸 Platen Size      | 1300 x 2500 mm         |                        |                        |
| 最大開距 Daylight          | 100 mm                 |                        |                        |
| 行程 Stroke              | 500 mm                 |                        |                        |
| 油壓缸 Hyd. Cylinder      | Ø150 x 6               | Ø180 x 6               | Ø180 x 6               |
| 每平方壓力 Press            | 6.4 kg/cm <sup>2</sup> | 9.6 kg/cm <sup>2</sup> | 7.6 kg/cm <sup>2</sup> |
| 總出力 Total Thrust       | 200 tons               | 300 tons               |                        |
| 馬力 Power               | 10 HP                  | 15 HP                  |                        |
| 機械尺寸 Machine Size      | 3600 x 1700 x 2250 mm  | 3900 x 1800 x 2900 mm  | 4200 x 1800 x 3000 mm  |
| 機械重量<br>Machine Weight | 18500 kgs              | 20500 kgs              | 25000 kgs              |

## 冷壓機 Cold Press

### 特點

- 本機適用於合板、拵版、木芯板、纖維板、空心門板、蜂巢版等之表面薄片貼合加工成型。
- 本機裝設工作壓力設定裝置，可隨作業需求隨時保持所設定之壓力。



### Features:

- This machine is suitable for plywood, composite wood, cork board, medi-board, fiber-board, hollow core panel, honeycomb board etc., surface to laminate membrane processing.
- This machine is installed working pressure setting device which can be maintained the setting pressure often due to necessary.

| 型號 MODEL            | YLC-20P                            | YLC-30P                            |
|---------------------|------------------------------------|------------------------------------|
| 工作台尺寸 Platen Size   | 1250 x 2500 mm                     |                                    |
| 總出力 Total Thrust    | 20 tons (0.64 kg/cm <sup>2</sup> ) | 30 tons (0.96 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø80 x 2                            | Ø100 x 2                           |
| 最大開距 Daylight       | 1000 mm                            |                                    |
| 行程 Stroke           | 600 mm                             |                                    |
| 馬力 Power            | 2 HP                               | 3 HP                               |
| 機械尺寸 Machine Size   | 3150 x 1300 x 2500 mm              | 3300 x 1300 x 2560 mm              |
| 機械重量 Machine Weight | 2000 kgs                           | 2560 kgs                           |

| 型號 MODEL               | YLC-60P                            | YLC-100P                           | YLC-150P                           |
|------------------------|------------------------------------|------------------------------------|------------------------------------|
| 工作台尺寸 Platen Size      | 1250 x 2500 mm                     |                                    | 1300 x 3000 mm                     |
| 總出力 Total Thrust       | 60 tons (1.92 kg/cm <sup>2</sup> ) | 100 tons (3.2 kg/cm <sup>2</sup> ) | 150 tons (3.8 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder      | Ø100 x 4                           | Ø100 x 6                           | Ø120 x 6                           |
| 最大開距 Daylight          | 1000 mm                            |                                    |                                    |
| 行程 Stroke              | 600 mm                             |                                    |                                    |
| 馬力 Power               | 5 HP                               |                                    | 7.5 HP                             |
| 機械尺寸 Machine Size      | 3400 x 1300 x 2600 mm              | 3400 x 1400 x 3000 mm              | 4000 x 1400 x 3500 mm              |
| 機械重量<br>Machine Weight | 3200 kgs                           | 3600 kgs                           | 4500 kgs                           |

| 型號 MODEL            | YLC-30PB                        | YLC-60PB                          |
|---------------------|---------------------------------|-----------------------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm                  | 1300 x 3000 mm                    |
| 總出力 Total Thrust    | 30 tons (1 kg/cm <sup>2</sup> ) | 60 tons (1.5 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø80 x 3                         | Ø80 x 6                           |
| 最大開距 Daylight       | 1000 mm                         |                                   |
| 行程 Stroke           | 600 mm                          |                                   |
| 馬力 Power            | 3 HP                            | 5 HP                              |
| 機械尺寸 Machine Size   | 3400 x 1300 x 2500 mm           | 3800 x 1450 x 2800 mm             |
| 機械重量 Machine Weight | 2600 kgs                        | 3800 kgs                          |



## 冷壓機 Cold Press



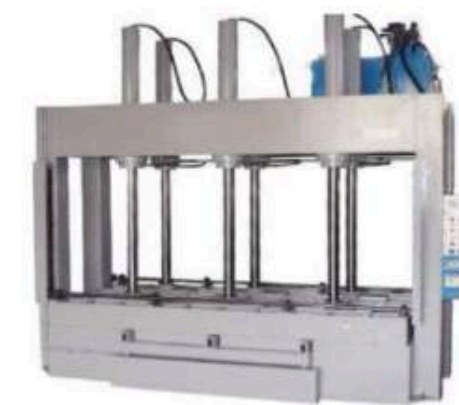
| 型號 MODEL            | YLC-20P-2                              | YLC-30P-2                              |
|---------------------|----------------------------------------|----------------------------------------|
| 工作台尺寸 Platen Size   | 1250 x 2500 mm                         |                                        |
| 總出力 Total Thrust    | 10 x 2 tons (0.64 kg/cm <sup>2</sup> ) | 15 tons x 2 (0.96 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø80 x 2                                | Ø100 x 2                               |
| 最大開距 Daylight       | 1000 mm                                |                                        |
| 行程 Stroke           | 600 mm                                 |                                        |
| 馬力 Power            | 2 HP                                   | 3 HP                                   |
| 機械尺寸 Machine Size   | 3150 x 1300 x 2500 mm                  | 3300 x 1300 x 2580 mm                  |
| 機械重量 Machine Weight | 2000 kgs                               | 2560 kgs                               |

| 型號 MODEL            | YLC-30PA-3                            | YLC-60PA-3                            |
|---------------------|---------------------------------------|---------------------------------------|
| 工作台尺寸 Platen Size   | 1250 x 2700 mm                        | 1250 x 2700 mm                        |
| 總出力 Total Thrust    | 10 x 3 tons (0.8 kg/cm <sup>2</sup> ) | 20 x 3 tons (1.7 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø100 x 3                              | Ø120 x 3                              |
| 最大開距 Daylight       | 1000 mm                               |                                       |
| 行程 Stroke           | 600 mm                                |                                       |
| 馬力 Power            | 3 HP                                  | 5 HP                                  |
| 機械尺寸 Machine Size   | 3400 x 1300 x 2650 mm                 | 3400 x 1300 x 2750 mm                 |
| 機械重量 Machine Weight | 3000 kgs                              | 3600 kgs                              |

| 型號 MODEL            | YLC-60P-4                             | YLC-100P-4                        |
|---------------------|---------------------------------------|-----------------------------------|
| 工作台尺寸 Platen Size   | 1250 x 2500 mm                        | 1250 x 3000 mm                    |
| 總出力 Total Thrust    | 15 x 4 tons (1.9 kg/cm <sup>2</sup> ) | 60 tons (2.6 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø100 x 4                              | Ø125 x 4                          |
| 最大開距 Daylight       | 1000 mm                               |                                   |
| 行程 Stroke           | 600 mm                                |                                   |
| 馬力 Power            | 5 HP                                  |                                   |
| 機械尺寸 Machine Size   | 3360 x 1250 x 2560 mm                 | 4000 x 1250 x 2850 mm             |
| 機械重量 Machine Weight | 2950 kgs                              | 4000 kgs                          |

| 型號 MODEL            | YLC-100PA                       | YLC-200PA                         |
|---------------------|---------------------------------|-----------------------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm                  | 1300 x 3000 mm                    |
| 總出力 Total Thrust    | 30 tons (1 kg/cm <sup>2</sup> ) | 60 tons (1.5 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø80 x 3                         | Ø80 x 6                           |
| 最大開距 Daylight       | 1000 mm                         |                                   |
| 行程 Stroke           | 600 mm                          |                                   |
| 馬力 Power            | 3 HP                            | 5 HP                              |
| 機械尺寸 Machine Size   | 3400 x 1300 x 2500 mm           | 3800 x 1450 x 2800 mm             |
| 機械重量 Machine Weight | 2600 kgs                        | 3800 kgs                          |

## 冷壓機 Cold Press



| 型號 MODEL            | YLC-100PC                          | YLC-150PC                          | YLC-200PC                          |
|---------------------|------------------------------------|------------------------------------|------------------------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm                     |                                    | 1300 x 3000 mm                     |
| 總出力 Total Thrust    | 100 tons (3.2 kg/cm <sup>2</sup> ) | 150 tons (4.8 kg/cm <sup>2</sup> ) | 200 tons (3.2 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø100 x 6                           | Ø120 x 6                           | Ø150 x 6                           |
| 最大開距 Daylight       | 1000 mm                            |                                    |                                    |
| 行程 Stroke           | 600 mm                             |                                    |                                    |
| 馬力 Power            | 5 HP                               | 7.5 HP                             |                                    |
| 機械尺寸 Machine Size   | 3600 x 1600 x 3150 mm              | 3600 x 1600 x 3500 mm              |                                    |
| 機械重量 Machine Weight | 3650 kgs                           | 4500 kgs                           | 7200 kgs                           |

| 型號 MODEL          | YLC-100PA-2-S                      | YLC-150PA-2-S                      |
|-------------------|------------------------------------|------------------------------------|
| 工作台尺寸 Platen Size | 1400 x 2500 mm                     |                                    |
| 總出力 Total Thrust  | 100 tons (3.2 kg/cm <sup>2</sup> ) | 150 tons (4.5 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder | Ø100 x 6                           | Ø125 x 6                           |
| 最大開距 Daylight     | 1000 mm                            |                                    |
| 行程 Stroke         | 600 mm                             |                                    |

| 型號 MODEL          | YLC-30PD-2-S                      | YLC-60PD-2-S                      |
|-------------------|-----------------------------------|-----------------------------------|
| 工作台尺寸 Platen Size | 1400 x 2500 mm                    |                                   |
| 總出力 Total Thrust  | 30 tons (0.9 kg/cm <sup>2</sup> ) | 60 tons (1.9 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder | Ø80 x 4                           | Ø100 x 4                          |
| 最大開距 Daylight     | 1000 mm                           |                                   |
| 行程 Stroke         | 600 mm                            |                                   |

| 型號 MODEL            | YLT-30P                            | YLT-60P                            |
|---------------------|------------------------------------|------------------------------------|
| 工作台尺寸 Platen Size   | 1300 x 2500 mm                     |                                    |
| 總出力 Total Thrust    | 30 tons (0.96 kg/cm <sup>2</sup> ) | 60 tons (1.92 kg/cm <sup>2</sup> ) |
| 油壓缸 Hyd. Cylinder   | Ø80 x 4                            | Ø100 x 4                           |
| 最大開距 Daylight       | 400 mm                             |                                    |
| 行程 Stroke           | 400 mm                             |                                    |
| 馬力 Power            | 3 HP                               | 5 HP                               |
| 機械尺寸 Machine Size   | 3200 x 1600 x 2000 mm              | 3300 x 1600 x 2000 mm              |
| 機械重量 Machine Weight | 3000 kgs                           | 3400 kgs                           |



佈膠機  
Glue Spreader



CS 單面佈膠機  
CS Single-side Glue Spreader

- 用途
- 適用於夾板、合板、薄木、藤類、塑膠類與皮革類織佈膠與接合。

- 特點
- 滾輪採用耐酸鹼；耐磨之橡膠，高品質製造，壽命長。
  - 佈膠輪與調整輪電動同步升降調整並配合電子顯示高度，即能快速且準確將數據顯示於控制面板上。
  - 膠水厚度調整亦採用手動同步調整並配合位置顯示器顯示。
  - 兩邊擋膠板容易取出且不溢膠。
  - 佈膠輪與調整輪採用正齒輪傳動，能穩定的輸出傳動力矩，使佈膠更為均勻。
  - 主機面板配置滾輪反轉清洗開關，以避免捲入意外發生。
  - 主機前後配置腳碰安全裝置。
  - 安全護蓋(選配)
  - 自動滾輪清洗裝置(選配)



CS 雙面佈膠機  
CS Twin-side Glue Spreader

- Usage
- This machine is ideal for glue spreading and jointing for plywood, veneer, rattan, plastic and leather.
- Features
- The roller is made of acid/alkali-resistant, wear-resistant rubber. It is manufactured with high quality and long service life.
  - The spreading/ adjusting rollers are adjusted synchronously with electric lifting and lowering.
  - The glue thickness is also adjusted synchronously by the hand wheel.
  - Both sides of the baffle plate are easy to remove and no glue leaking.
  - The rubber rollers and adjusting rollers are connected with spur gear transmission, which can stably output the driving torque and make the glue more uniform.
  - Equipped with a roller reverse cleaning switch to prevent accidental roll-in.
  - Equipped with the foot-touch safety device in the front and rear of the machine.
  - Safety cover (optional)
  - Automatic roller cleaning device (optional).

CS 單面佈膠機  
CS Single-side Glue Spreader

| 型號<br>MODEL | 佈膠輪寬度<br>W of spreading roller | 功率<br>Power | 機械尺寸<br>Machine size | 最大上膠寬度<br>Max. glue tks. |
|-------------|--------------------------------|-------------|----------------------|--------------------------|
| CS-910      | 910 mm                         | 2 HP        | 1660 x 850 x 1500 mm | 60 mm                    |
| CS-1365     | 1365 mm                        | 2 HP        | 2200 x 850 x 1550 mm | 60 mm                    |
| CS-1560     | 1560 mm                        | 3 HP        | 2390 x 850 x 1550 mm | 60 mm                    |
| CS-2100     | 2100 mm                        | 3 HP        | 2940 x 850 x 1550 mm | 60 mm                    |
| CS-2550     | 2550 mm                        | 5 HP        | 3390 x 850 x 1550 mm | 60 mm                    |

CS 雙面佈膠機  
CS Twin-side Glue Spreader

| 型號<br>MODEL | 佈膠輪寬度<br>W of spreading roller | 功率<br>Power | 機械尺寸<br>Machine size  | 最大上膠寬度<br>Max. glue tks. |
|-------------|--------------------------------|-------------|-----------------------|--------------------------|
| CD-910      | 910 mm                         | 2 HP        | 1745 x 1050 x 1500 mm | 60 mm                    |
| CD-1365     | 1365 mm                        | 3 HP        | 2200 x 1050 x 1550 mm | 60 mm                    |
| CD-1560     | 1560 mm                        | 3 HP        | 2390 x 1050 x 1550 mm | 60 mm                    |
| CD-2100     | 2100 mm                        | 3 HP        | 2940 x 1050 x 1550 mm | 60 mm                    |
| CD-2550     | 2550 mm                        | 5 HP        | 3390 x 1050 x 1550 mm | 60 mm                    |



CA 櫥櫃組立機  
CA Cabinet Assembl



特點

- 高/低速傳動自動切換，高速至定位後自動切換高扭力馬達夾持物件，可節省操作時間，提高產量。
- 高剛性精密傳動結構，弓箭可就近擺放，無須擔心結構損害。
- PLC人機控制介面；整合操作功能與資訊，一目了然。
- 單一動力來源，建置成本低廉；僅需電力驅動，無須豐源或油壓動力，插電即可生產。
- 無段誤置設定；小至抽屜、大致衣櫃皆可組裝。

Features

- High /low speed transmission auto switching. The clamper runs high speed into the setting position, and then automatically switches to high torque motor to clamp the work-piece. It is save a lot of time and increasing the production.
- With high rigidity and precision transmission structure, the work-piece can be placed nearby without worrying about structural damage.
- PLC & HMI control panel. Integrating operating functions and information at a glance.
- Single power source, low setup costs. Only electric drive, no air or hydraulic power, plug in and ready for produce.
- Step-less position setting. It can assemble from drawers to wardrobes.

| 型號 Model            | CA-2000               | CA-2500               |
|---------------------|-----------------------|-----------------------|
| 工作台尺寸 Platen Size   | 2000 x 850 x 1900 mm  | 2500 x 850 x 1900 mm  |
| 馬力 Power            | 1.5 HP                | 1.5 HP                |
| 機械尺寸 Machine Size   | 3421 x 1067 x 2600 mm | 3921 x 1067 x 2600 mm |
| 機械重量 Machine weight | 2200 kgs              | 2500 kgs              |

油壓框組裝機  
CA Cabinet Assembler

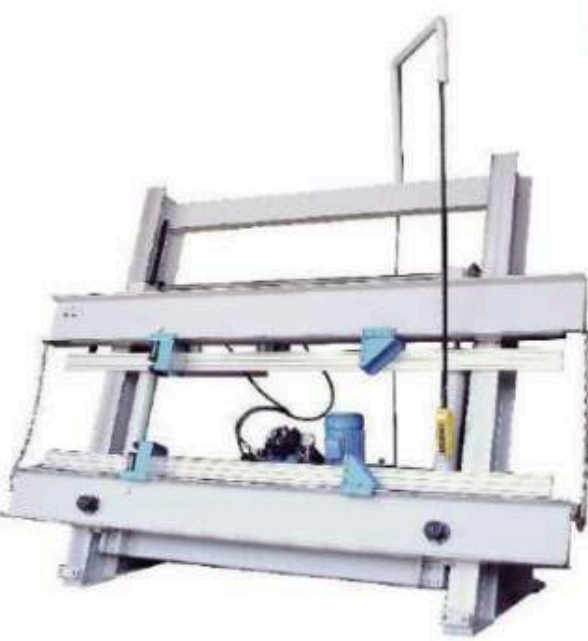


PF-3017



PF-3017-2

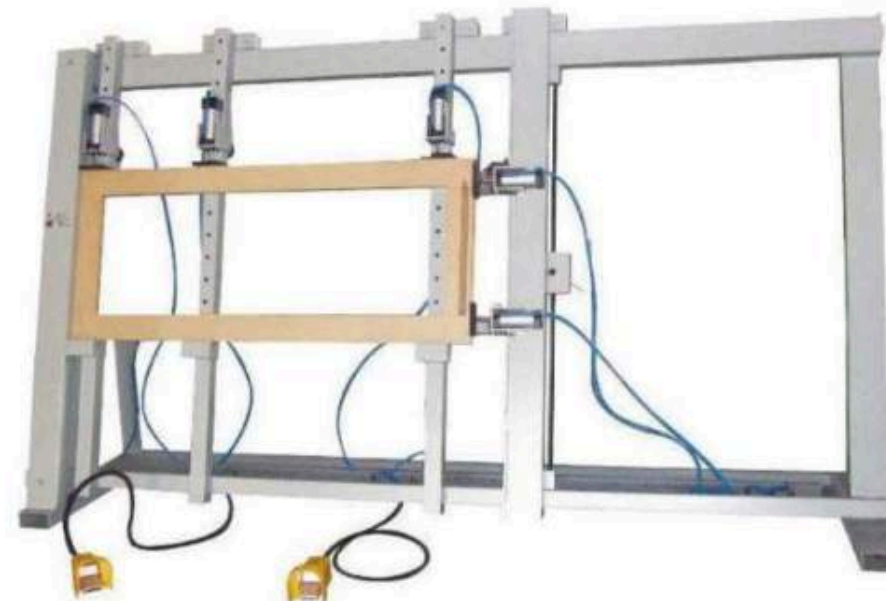
| 型號 Model                              | PF-3017               | PF-3017-2             |
|---------------------------------------|-----------------------|-----------------------|
| 工作範圍 Working Size                     | 3000 x 1700 mm        |                       |
| 垂直油壓缸行程<br>Vertical cylinder stroke   | 150 mm                |                       |
| 水平油壓缸行程<br>Horizontal cylinder stroke | 100 mm                |                       |
| 油壓動力 Hydraulic Power                  | 2 HP                  |                       |
| 機械尺寸 Machine Size                     | 3800 x 1100 x 2700 mm | 3600 x 1200 x 2500 mm |
| 機械重量 Machine Weight                   | 870 kgs / 1000 kgs    | 1600 kgs / 1800 kgs   |



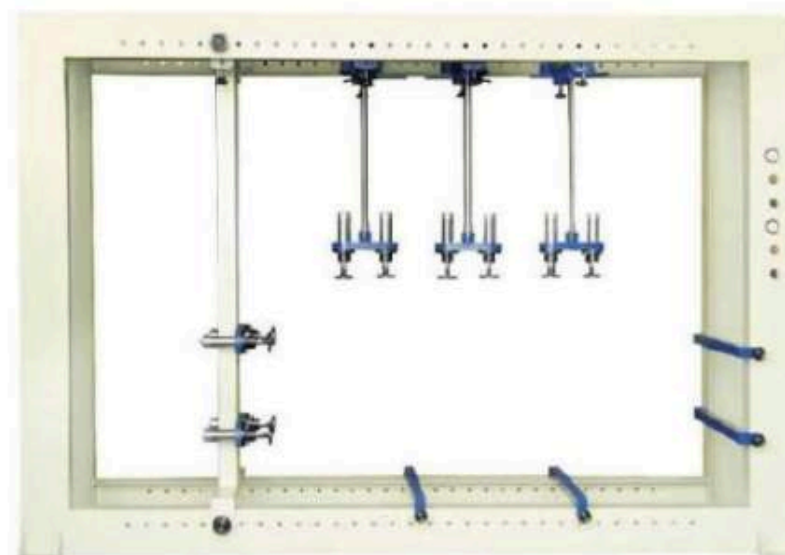
| 型號 Model                       | PF-3017            | PF-3017-2           |
|--------------------------------|--------------------|---------------------|
| 工作範圍<br>Working Size           | 3000 x 1700 mm     |                     |
| 垂直油壓缸行程<br>Vertical cylinder   | 150 mm             |                     |
| 水平油壓缸行程<br>Horizontal cylinder | 100 mm             |                     |
| 油壓動力 Hydraulic Power           | 2 HP               |                     |
| 機械尺寸<br>Machine Size           | 3800 x 1100 x 2700 | 3600 x 1200 x 2500  |
| 機械重量<br>Machine Weight         | 870 kgs / 1000 kgs | 1600 kgs / 1800 kgs |



油壓框組裝機  
CA Cabinet Assembler



PA-3017



CH-58/CH-212

| 型號 Model                   | PA-3017               | CH-58                | CH-212               |
|----------------------------|-----------------------|----------------------|----------------------|
| 工作範圍<br>Working Size       | 3000 x 1700 mm        | 2500 x 1250 x 600 mm | 3800 x 1520 x 600 mm |
| 垂直、水平氣壓缸<br>Total thrust   | 100 mm                |                      |                      |
| 氣壓壓力<br>Hydraulic cylinder | 5-8 bar               |                      |                      |
| 機械尺寸 Machine<br>Size       | 3800 x 1000 x 2200 mm | 3400 x 850 x 2250 mm | 5000 x 850 x 2350 mm |
| 機械重量 Machine<br>Weight     | 500 kgs               | 950 kgs              | 1250 kgs             |



[www.routmac.com](http://www.routmac.com)

## CNC Boring Heads & Aggregate Heads Series



CNC-WF3213 L-4H



CNC-WF3213 L-2S-2H



CNC-WF3221



CNC-WF3211 L-2S



CNC-WF3211 L-2H



CNC-WF3205



CNC-WF3209L



WHC3001



WFC3001



WHC3002



WFC3002



WFC3003



WFC3018



WHC3006L



WHC3007L



WHC3008L



WHC3009L



WHV3203



WIV3203





| HSK63F    | ISO30     |
|-----------|-----------|
| WHD387.5  | WID387.5  |
| WHD4211   | WID4211   |
| WHD459.5  | WID459.5  |
| WHD48-2.5 | WID48-2.5 |
| WHD486    | WID486    |
| WHD48-7.5 | WID48-7.5 |
| WHD489    | WID489    |
| WHD525.5  | WID525.5  |
| WHD526    | WID526    |



| HSK63F  | ISO30   |
|---------|---------|
| WHD2003 | WID2003 |
| WHD2203 | WID2203 |
| WHD2503 | WID2503 |
| WHD3003 | WID3003 |
| WHD3203 | WID3203 |
| WHD2005 | WID2005 |
| WHD2205 | WID2205 |
| WHD2505 | WID2505 |
| WHD3005 | WID3005 |
| WHD3205 | WID3205 |



H707+WD213



WFV3202



WHD2005

## CNC adjustable aggregate heads series



WFC3019



WHC3019

## Adjustable boring heads



WD211



WD314



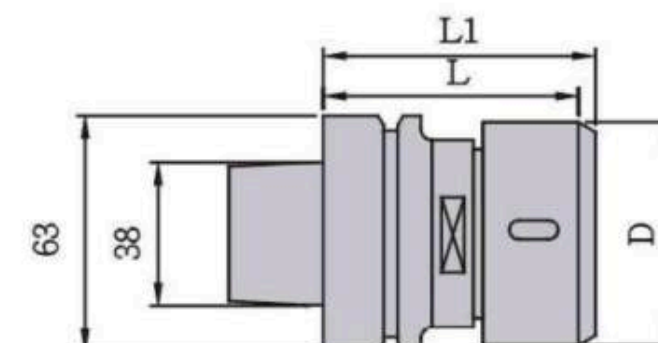
WOZ6325



WER6332



WER6340



## HSK 63F TOOLHOLDERS CNC ROUTERS DIN69893

| Part No | Description            | Collet type | L  | L1 | D  | WEIGHT KGS |
|---------|------------------------|-------------|----|----|----|------------|
| WER6332 | Collet Chucks with nut | ER32        | 60 | 70 | 50 |            |
| WER6340 | Collet Chucks with nut | ER40        | 60 | 70 | 63 |            |
| WOZ6325 | Collet Chucks with nut | OZ25        | 62 | 72 | 60 |            |



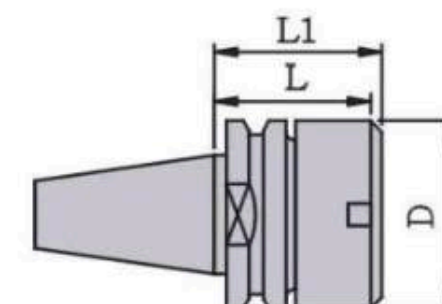
WOZ3025



WER3032-38L



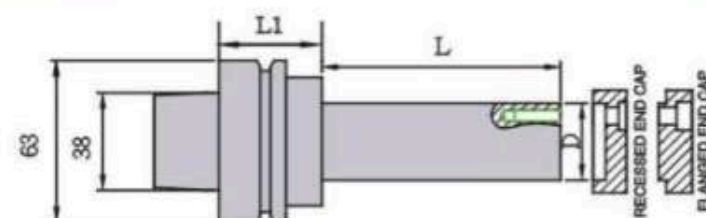
WER3032



## ISO30 COLLET HOLDERS FOR CNC ROUTERS DIN69871

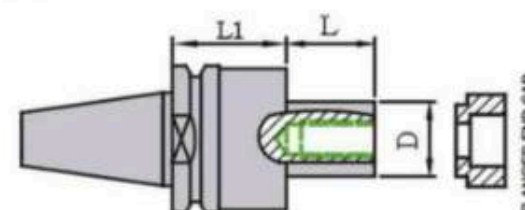
| Part No     | Description            | Collet type | L  | L1 | D  | WEIGHT KGS |
|-------------|------------------------|-------------|----|----|----|------------|
| WER3032     | Collet Chucks with nut | ER32        | 33 | 43 | 50 |            |
| WER3032-38L | Collet Chucks with nut | ER32        | 54 | 64 | 50 |            |
| WER3040     | Collet Chucks with nut | ER40        | 39 | 49 | 63 |            |
| WOZ3025     | Collet Chucks with nut | OZ25        | 49 | 59 | 60 |            |





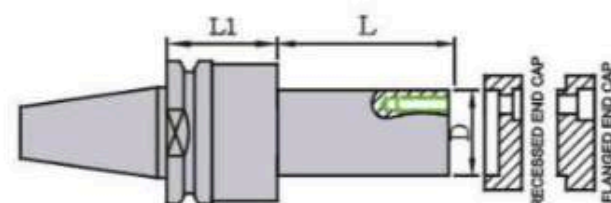
## HSK 63F TOOLHOLDERS CNC ROUTERS DIN69893

| Part No      | Description     | L  | L1 | D      | WEIGHT KGS |
|--------------|-----------------|----|----|--------|------------|
| WOD6330-55   | Mill hold arbor | 55 | 40 | 30     |            |
| WOD6330-80   | Mill hold arbor | 80 | 40 | 30     |            |
| WOD6330-93   | Mill hold arbor | 93 | 40 | 30     |            |
| WOD6335-55   | Mill hold arbor | 55 | 40 | 35     |            |
| WOD6335-80   | Mill hold arbor | 80 | 40 | 35     |            |
| WOD6335-93   | Mill hold arbor | 93 | 40 | 35     |            |
| WOD6340-55   | Mill hold arbor | 55 | 40 | 40     |            |
| WOD6340-80   | Mill hold arbor | 80 | 40 | 40     |            |
| WOD6340-93   | Mill hold arbor | 93 | 40 | 40     |            |
| WOD633175-55 | Mill hold arbor | 55 | 40 | 1 1/4" |            |
| WOD633175-80 | Mill hold arbor | 80 | 40 | 1 1/4" |            |
| WOD633175-93 | Mill hold arbor | 93 | 40 | 1 1/4" |            |



## ISO30 HOLDERS FOR ROUTERS DIN69871

| Part No  | Description     | L  | L1 | D  | WEIGHT KGS |
|----------|-----------------|----|----|----|------------|
| WOD30130 | Mill hold arbor | 30 | 39 | 1" |            |
| WOD30155 | Mill hold arbor | 55 | 39 | 1" |            |

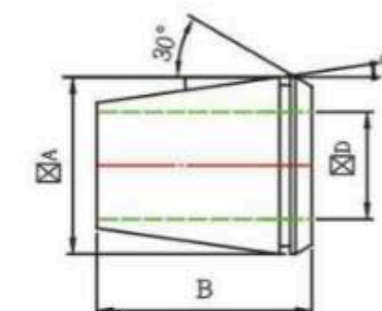


## ISO30 HOLDERS FOR ROUTERS DIN69871

| Part No   | Description     | L  | L1 | D      | WEIGHT KGS |
|-----------|-----------------|----|----|--------|------------|
| WOD303055 | Mill hold arbor | 55 | 39 | 30     |            |
| WOD303175 | Mill hold arbor | 55 | 39 | 1-1/4" |            |



| Dimension | A    | B  |
|-----------|------|----|
| TYPE      |      |    |
| ER11      | 11.5 | 18 |
| ER16      | 17   | 27 |
| ER20      | 21   | 31 |



## ER SPRING COLLET SYSTEM DIN6499

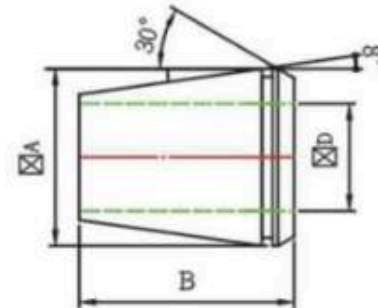
| ER11     | RANGE mm | ER16     | RANGE mm | ER20     | RANGE mm |
|----------|----------|----------|----------|----------|----------|
| WER11025 | 2.5-2.0  | WER16030 | 3.0-2.0  | WER20030 | 3.0-2.0  |
| WER11030 | 3.0-2.5  | WER16040 | 4.0-3.0  | WER20040 | 4.0-3.0  |
| WER11035 | 3.5-3.0  | WER16050 | 5.0-4.0  | WER20050 | 5.0-4.0  |
| WER11040 | 4.0-3.5  | WER16060 | 6.0-5.0  | WER20060 | 6.0-5.0  |
| WER11045 | 4.5-4.0  | WER16070 | 7.0-6.0  | WER20070 | 7.0-6.0  |
| WER11050 | 5.0-4.5  | WER16080 | 8.0-7.0  | WER20080 | 8.0-7.0  |
| WER11055 | 5.5-5.0  | WER16090 | 9.0-8.0  | WER20090 | 9.0-8.0  |
| WER11060 | 6.0-5.5  | WER16100 | 10-9.0   | WER20100 | 10-9.0   |
| WER11065 | 6.5-6.0  | 0.5MM    | SIZE     | WER20110 | 11-10    |
|          |          | WER16025 | 2.5      | WER20120 | 12-11    |
|          |          | WER16035 | 3.5      | WER20130 | 13-12    |
|          |          | WER16045 | 4.5      | 0.5MM    | SIZE     |
|          |          | WER16055 | 5.5      | WER20025 | 2.5      |
|          |          | WER16065 | 6.5      | WER20035 | 3.5      |
|          |          | WER16075 | 7.5      | WER20045 | 4.5      |
|          |          | WER16085 | 8.5      | WER20055 | 5.5      |
|          |          | WER16095 | 9.5      | WER20065 | 6.5      |
|          |          |          |          | WER20075 | 7.5      |
|          |          |          |          | WER20085 | 8.5      |
|          |          |          |          | WER20095 | 9.5      |
|          |          |          |          | WER20105 | 10.5     |
|          |          |          |          | WER20115 | 11.5     |
|          |          |          |          | WER20125 | 12.5     |
|          |          |          |          | WER20135 | 13.5     |



## ER COLLET



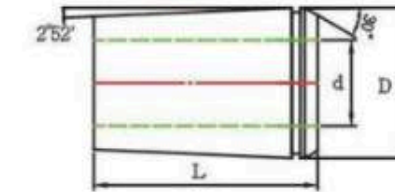
| Dimension |    |    |
|-----------|----|----|
| TYPE      | A  | B  |
| ER25      | 26 | 35 |
| ER32      | 33 | 40 |
| ER40      | 41 | 46 |



**ER SPRING COLLET SYSTEM DIN6499**

| ER25     | RANGE mm | ER32     | RANGE mm | ER40     | RANGE mm |
|----------|----------|----------|----------|----------|----------|
| WER25030 | 3.0-2.0  | WER32030 | 3.0-2.0  | WER40040 | 4.0-3.0  |
| WER25040 | 4.0-3.0  | WER32040 | 4.0-3.0  | WER40050 | 5.0-4.0  |
| WER25050 | 5.0-4.0  | WER32050 | 5.0-4.0  | WER40060 | 6.0-5.0  |
| WER25060 | 6.0-5.0  | WER32060 | 6.0-5.0  | WER40070 | 7.0-6.0  |
| WER25070 | 7.0-6.0  | WER32070 | 7.0-6.0  | WER40080 | 8.0-7.0  |
| WER25080 | 8.0-7.0  | WER32080 | 8.0-7.0  | WER40090 | 9.0-8.0  |
| WER25090 | 9.0-8.0  | WER32090 | 9.0-8.0  | WER40100 | 10-9.0   |
| WER25100 | 10-9.0   | WER32100 | 10-9.0   | WER40110 | 11-10    |
| WER25110 | 11-10    | WER32110 | 11-10    | WER40120 | 12-11    |
| WER25120 | 12-11    | WER32120 | 12-11    | WER40130 | 13-12    |
| WER25130 | 13-12    | WER32130 | 13-12    | WER40140 | 14-13    |
| WER25140 | 14-13    | WER32140 | 14-13    | WER40150 | 15-14    |
| WER25150 | 15-14    | WER32150 | 15-14    | WER40160 | 16-15    |
| WER25160 | 16-15    | WER32160 | 16-15    | WER40170 | 17-16    |
|          |          | WER32170 | 17-16    | WER40180 | 18-17    |
|          |          | WER32180 | 18-17    | WER40190 | 19-18    |
|          |          | WER32190 | 19-18    | WER40200 | 20-19    |
|          |          | WER32200 | 20-19    | WER40210 | 21-20    |
|          |          |          |          | WER40220 | 22-21    |
|          |          |          |          | WER40230 | 23-22    |
|          |          |          |          | WER40240 | 24-23    |
|          |          |          |          | WER40250 | 25-24    |
|          |          |          |          | WER40260 | 26-25    |

## OZ COLLET



DIN6388-25# Range size:3-25(1/8"-1") D:35.05 L:52 Taper:1:10 Weight:0.18

**OZ25 COLLET AS TO DIN6388**

| No      | MM SIZE | No      | INCH SIZE |
|---------|---------|---------|-----------|
| WOZ2503 | 3.0     | WOZ2526 | 1/8"      |
| WOZ2504 | 4.0     | WOZ2527 | 3/16"     |
| WOZ2505 | 5.0     | WOZ2528 | 1/4"      |
| WOZ2506 | 6.0     | WOZ2529 | 5/16"     |
| WOZ2507 | 7.0     | WOZ2530 | 3/8"      |
| WOZ2508 | 8.0     | WOZ2531 | 7/16"     |
| WOZ2509 | 9.0     | WOZ2532 | 1/2"      |
| WOZ2510 | 10      | WOZ2533 | 9/16"     |
| WOZ2511 | 11      | WOZ2534 | 5/8"      |
| WOZ2512 | 12      | WOZ2535 | 11/16"    |
| WOZ2513 | 13      | WOZ2536 | 3/4"      |
| WOZ2514 | 14      | WOZ2537 | 13/16"    |
| WOZ2515 | 15      | WOZ2538 | 7/8"      |
| WOZ2516 | 16      | WOZ2539 | 15/16"    |
| WOZ2517 | 17      | WOZ2540 | 1"        |
| WOZ2518 | 18      |         |           |
| WOZ2519 | 19      |         |           |
| WOZ2520 | 20      |         |           |
| WOZ2521 | 21      |         |           |
| WOZ2522 | 22      |         |           |
| WOZ2523 | 23      |         |           |
| WOZ2524 | 24      |         |           |
| WOZ2525 | 25      |         |           |

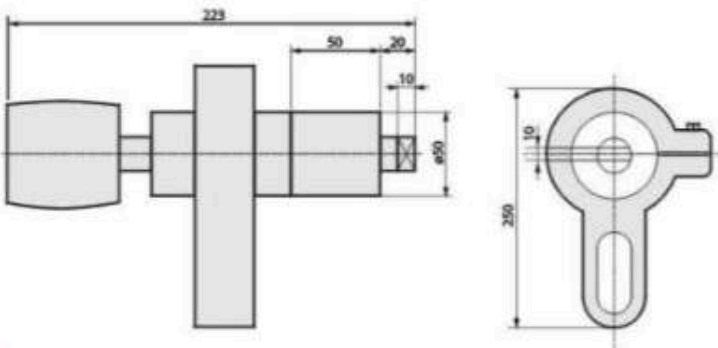


MULTIPLE-AXIS

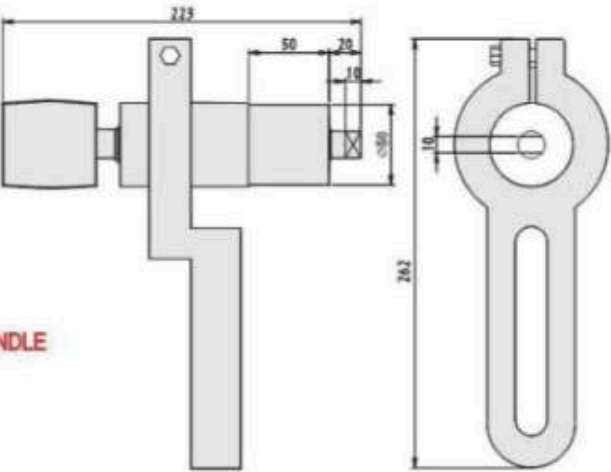
VERTICAL SPINDLE & HORIZONTAL SPINDLE



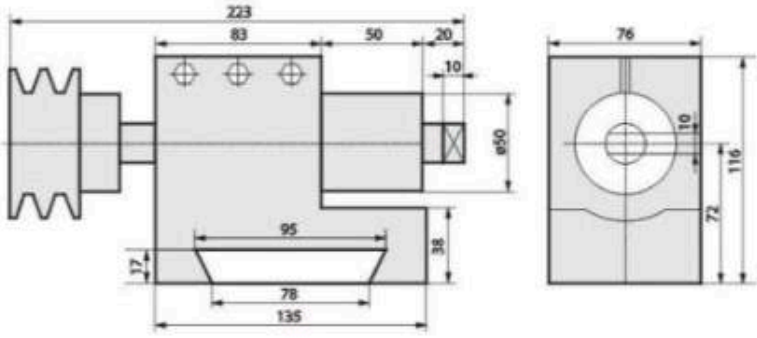
WT 001  
VERTICAL SPINDLE



WT 001-B  
VERTICAL SPINDLE



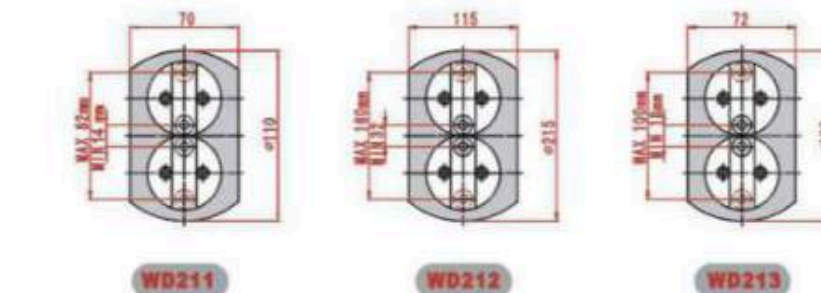
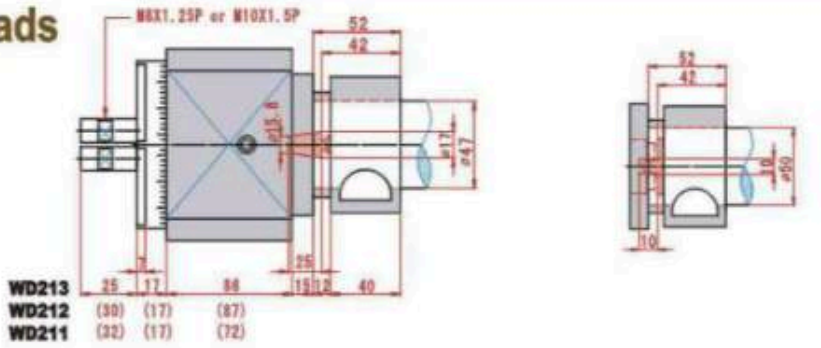
W V 101  
HORIZONTAL SPINDLE



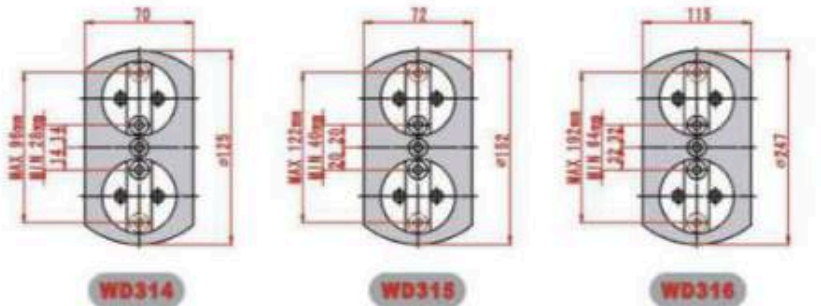
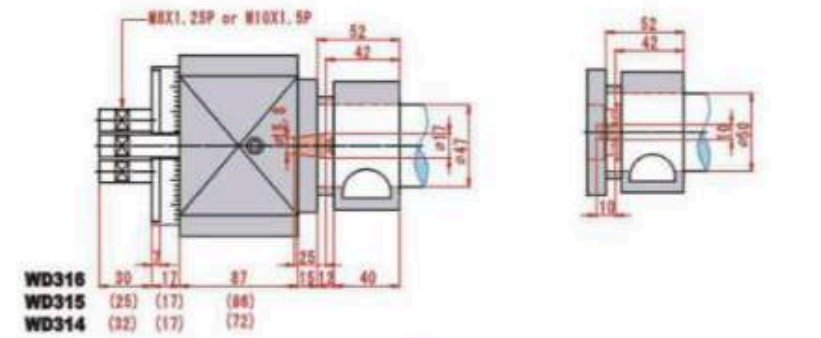
MULTIPLE-AXIS

ADJUSTABLE

Drill Bits & Gear Heads



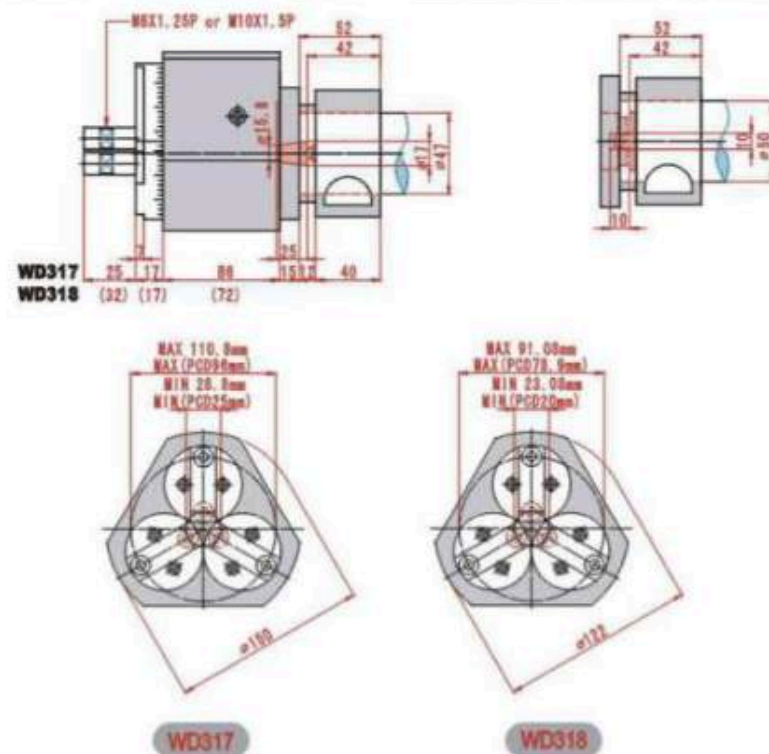
| MODEL | SPACING |     |              | Thread               | WEIGHT<br>Kg |
|-------|---------|-----|--------------|----------------------|--------------|
|       | Min     | Max | Max capacity |                      |              |
| WD211 | 14      | 82  | ∅10          | M8X1.25P             | 2.5          |
| WD212 | 32      | 160 | ∅15          | M8X1.25P or M10X1.5P | 8            |
| WD213 | 18      | 100 | ∅15          | M8X1.25P or M10X1.5P | 3.7          |



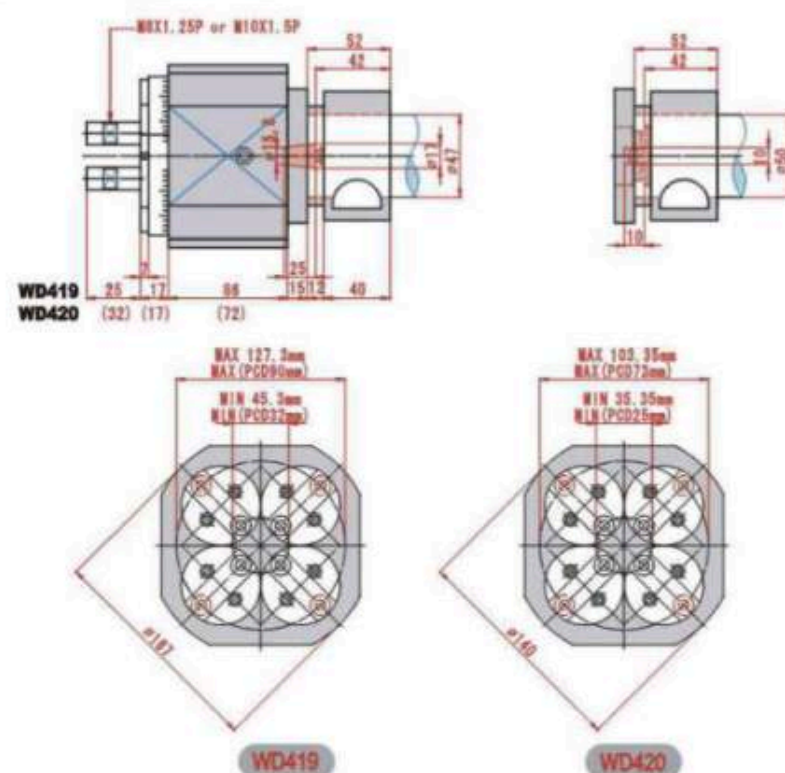
| MODEL | SPACING |     |              | Thread               | WEIGHT<br>Kg |
|-------|---------|-----|--------------|----------------------|--------------|
|       | Min     | Max | Max capacity |                      |              |
| WD314 | 14      | 96  | ∅10          | M8X1.25P             | 3            |
| WD315 | 20      | 122 | ∅15          | M8X1.25P or M10X1.5P | 4.3          |
| WD316 | 32      | 192 | ∅15          | M8X1.25P or M10X1.5P | 9            |



## Drill Bits & Gear Heads

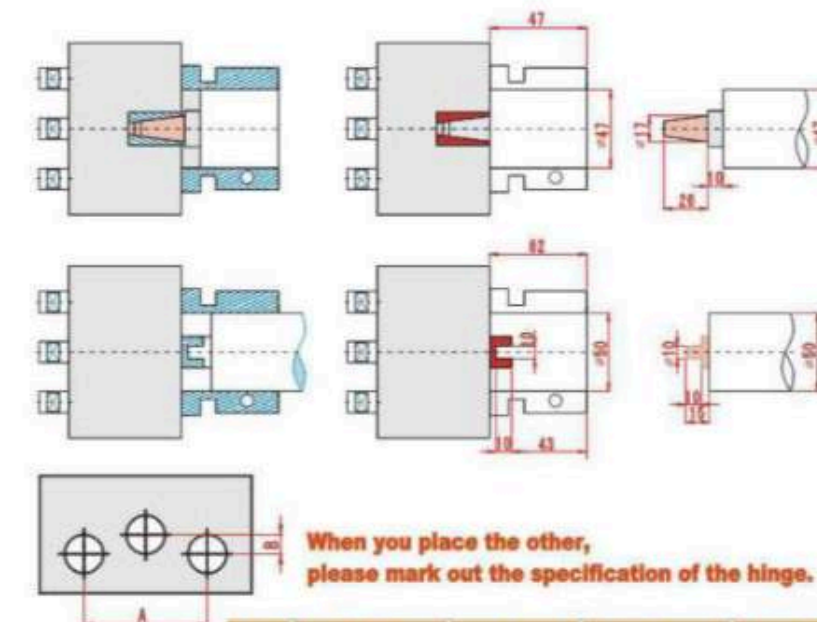


| MODEL | SPACING |      |              | Thread               | WEIGHT<br>Kg |
|-------|---------|------|--------------|----------------------|--------------|
|       | Min     | Max  | Max capacity |                      |              |
| WD317 | 25      | 96   | ∅ 15         | M8X1.25P or M10X1.5P | 5.1          |
| WD318 | 20      | 78.9 | ∅ 10         | M8X1.25P             | 3.5          |

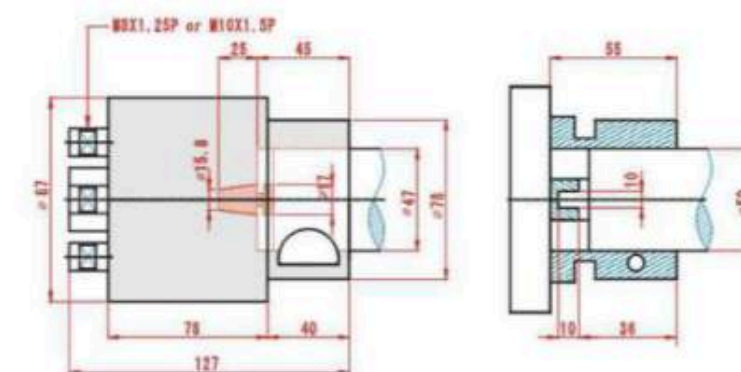
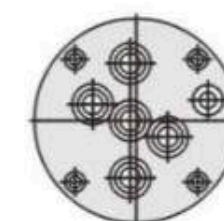


| MODEL | SPACING |     |              | Thread               | WEIGHT<br>Kg |
|-------|---------|-----|--------------|----------------------|--------------|
|       | Min     | Max | Max capacity |                      |              |
| WD419 | 32      | 90  | Ø 15         | M8X1.25P or M10X1.5P | 7            |
| WD420 | 25      | 73  | Ø 10         | M8X1.25P             | 4.2          |

## Drill Bits & Gear Heads



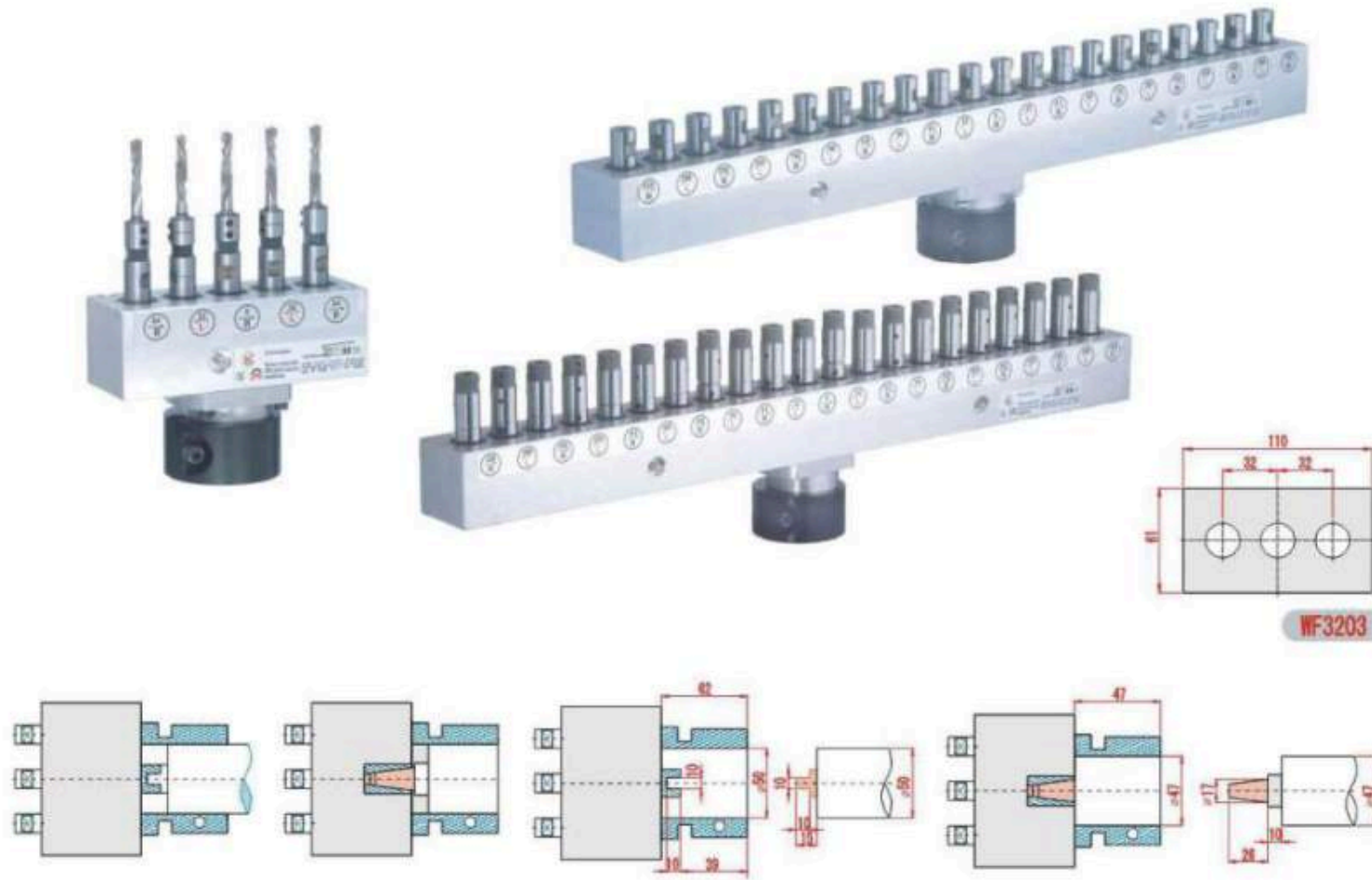
| NO | MODEL    | A  | B    | Kg  |
|----|----------|----|------|-----|
| 1  | WA387.5  | 38 | 7.5  | 1.7 |
| 2  | WA4211   | 42 | 11   | 1.7 |
| 3  | WA459.5  | 45 | 9.5  | 1.7 |
| 4  | WA48-2.5 | 48 | -2.5 | 1.7 |
| 5  | WA486    | 48 | 6    | 1.7 |
| 6  | WA48-7.5 | 48 | -7.5 | 1.7 |
| 7  | WA489    | 48 | 9    | 1.7 |
| 8  | WA525.5  | 52 | 5.5  | 1.7 |
| 9  | WA526    | 52 | 6    | 1.7 |



| MODEL | SPACING                     |              |                      | WEIGHT |
|-------|-----------------------------|--------------|----------------------|--------|
|       | PH                          | Max capacity | Thread               | Kg     |
| WB506 | 16X20X25X32X40              | Ø12          | M8X1.25P             | 1.6    |
| WB507 | 16X20X22X25X28X32           | Ø12          | M8X1.25P             | 1.6    |
| WB508 | 17X22X32X34X44              | Ø12          | M8X1.25P             | 1.8    |
| WB509 | 20X24X28X34X40X48           | Ø15          | M8X1.25P or M10X1.5P | 1.8    |
| WB510 | 1"X1 1/4"X1 1/2"X 2"X2 1/4" | Ø15          | M8X1.25P or M10X1.5P | 2.3    |
| WB511 | 22X32X44X64                 | Ø15          | M8X1.25P or M10X1.5P | 2.3    |
| WB512 | 20X30X40X60                 | Ø15          | M8X1.25P or M10X1.5P | 2.3    |



## Drill Bits & Gear Heads



| MODEL  | PH       | SPACING | Max capacity | Thread               | WEIGHT |
|--------|----------|---------|--------------|----------------------|--------|
| WF2003 | 20mm X3  | 15      | 15           | M8X1.25P or M10X1.5P | 1.8    |
| WF2203 | 22mm X3  | 15      | 15           | M8X1.25P or M10X1.5P | 1.8    |
| WF2503 | 25mm X3  | 15      | 15           | M8X1.25P or M10X1.5P | 1.8    |
| WF3003 | 30mm X3  | 20      | 20           | M8X1.25P or M10X1.5P | 2      |
| WF3803 | 38mm X3  | 20      | 20           | M8X1.25P or M10X1.5P | 2.5    |
| WF2005 | 20mm X5  | 15      | 15           | M8X1.25P or M10X1.5P | 2.5    |
| WF2205 | 22mm X5  | 15      | 15           | M8X1.25P or M10X1.5P | 2.5    |
| WF2505 | 25mm X5  | 15      | 15           | M8X1.25P or M10X1.5P | 2.5    |
| WF3005 | 30mm X5  | 20      | 20           | M8X1.25P or M10X1.5P | 2.8    |
| WF3805 | 38mm X5  | 20      | 20           | M8X1.25P or M10X1.5P | 3.5    |
| WF3203 | 32mm X3  | 20      | 20           | M8X1.25P or M10X1.5P | 2      |
| WF3205 | 32mm X5  | 20      | 20           | M8X1.25P or M10X1.5P | 2.8    |
| WF3207 | 32mm X7  | 15      | 15           | M8X1.25P or M10X1.5P | 4      |
| WF3209 | 32mm X9  | 15      | 15           | M8X1.25P or M10X1.5P | 5      |
| WF3211 | 32mm X11 | 15      | 15           | M8X1.25P or M10X1.5P | 6      |
| WF3213 | 32mm X13 | 15      | 15           | M8X1.25P or M10X1.5P | 6.5    |
| WF3215 | 32mm X15 | 15      | 15           | M8X1.25P or M10X1.5P | 7.5    |
| WF3217 | 32mm X17 | 15      | 15           | M8X1.25P or M10X1.5P | 8.2    |
| WF3221 | 32mm X21 | 15      | 15           | M8X1.25P or M10X1.5P | 10     |
| WF3227 | 32mm X27 | 15      | 15           | M8X1.25P or M10X1.5P | 13.3   |
| WF3235 | 32mm X35 | 15      | 15           | M8X1.25P or M10X1.5P | 17     |

## Drill Machines & Gear Heads

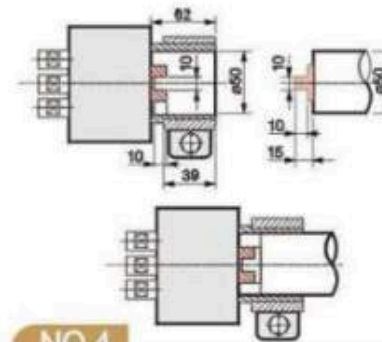
專業製造一系統鑽孔頭、特殊多軸鑽孔頭

代客設計、安裝、從雙軸到多軸，均適用安裝在各種立式鑽床或橫式鑽床的鑽孔機械上

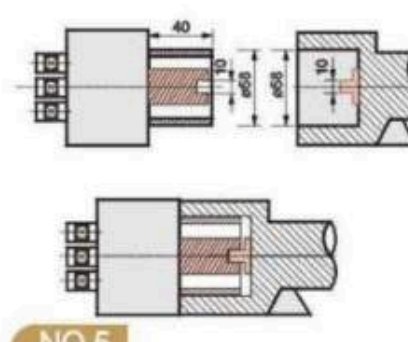
Specialized in making:

Various Kinds of drilling heads, special multi-spindle drilling heads. Customer's design and installation welcomed. Our products range, from double-spindle to multi-spindle are most suitable for assembling to all types of vertical bench drilling machines or horizontal bench drilling machines.

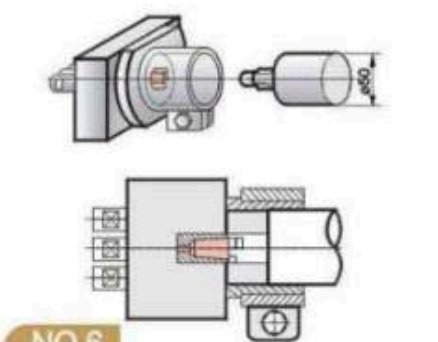
NO.1



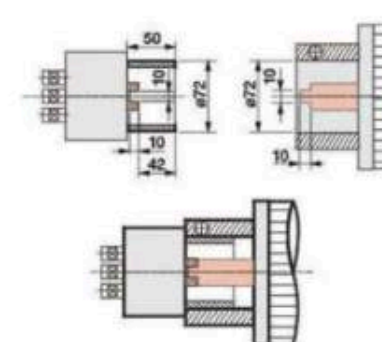
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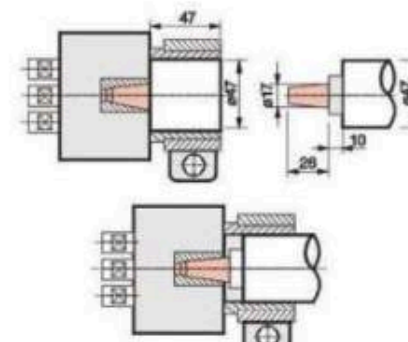
NO.3



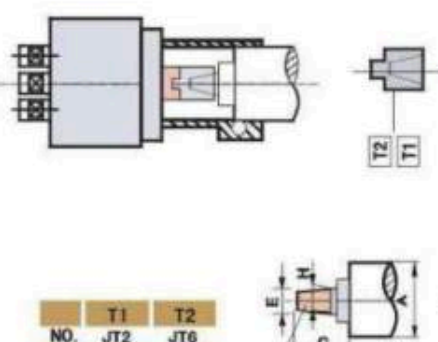
NO.4



NO.5



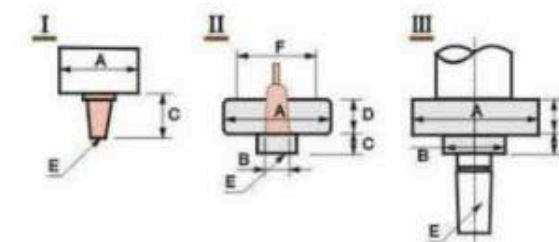
NO.6



訂購時請提供下列資料:

When placing the order please submit following data:

Spindle end of drilling machines 鑽床主軸端型式



主軸端尺寸:  
Dimensions of spindle end :

A 齒環套外徑  
gear ring sleeve outside diameter

B 主軸外徑  
main spindle outside diameter

C 主軸長度  
main spindle length

D 齒環套長度 (A部尺寸請用分厘卡測定)  
length of gear ring sleeve  
(for measuring of dimension "A" please use filler gauge)

E 主軸斜度  
main spindle inclination

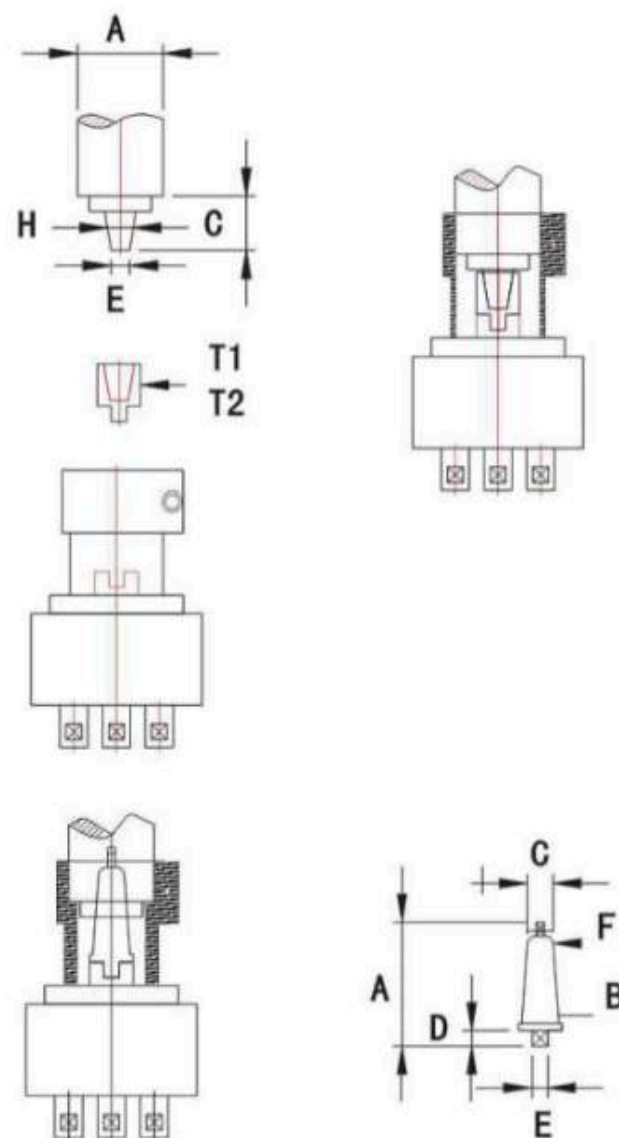
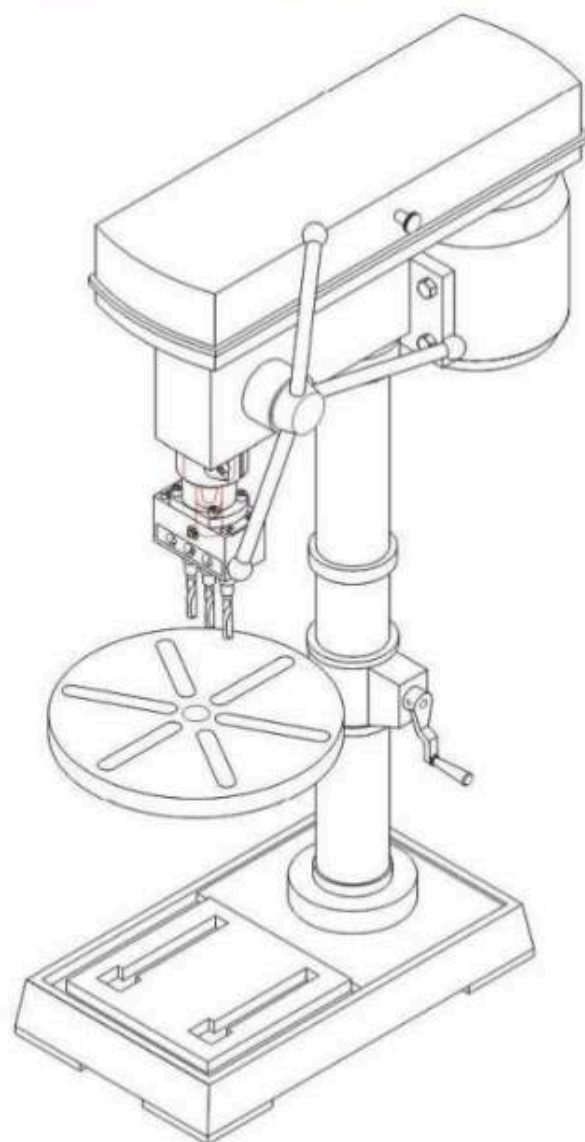
F 齒套外徑  
outside diameter of gear sleeve

G 主軸至圓柱距離  
distance between main spindle  
and cylindrical post

| A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|
|   |   |   |   |   |   |   |



Drill Machines & Gear Heads



Special Woodworking Drill Bit Series

**A210** 外牙特殊鑽頭  
THREADED SHANK SOLID DRILLS



High Speed Steel Spiral Flute L. H. or R. H. Cut

**TCT510-1** 鎢鋼鑽頭 TUNGSTEN CARBIDE  
Spiral Flute L. H. or R. H. Cut STEEL TIPPED DRILLS  
Shank Dia: 10mm  
Overall Length: 57mm/70mm  
Drill Dia: 15/20/25/30/35mm  
(SPECIAL TCT) (特別材質)



**RS210** 組合式外牙特殊鑽頭 (新式經濟型)  
THREADED SHANK SOLID DRILLS WITH  
INTEGRAL ADAPTER (NEWLY ECONOMIC TYPE)



**TCT510-V** 鎢鋼鑽頭 (貫穿式) TUNGSTEN CARBIDE STEEL  
TIPPED DRILLS



**K112-2T** 棒槽刀 STRAIGHT SHANK SOLID  
MORTISING TOOL



**H211-L** 組合沙拉刀套  
**H211-V** INTEGRAL SALAD ADAPTOR



**K112-4T** 棒槽刀



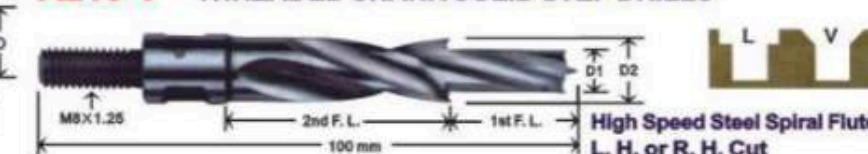
**AH211-L** 組合外牙沙拉刀套  
**AH211-V** THREADED INTEGRAL SALAD ADAPTOR



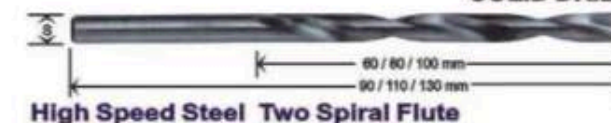
**S211-4T** 直柄鑽頭 STRAIGHT SHANK  
SOLID DRILLS



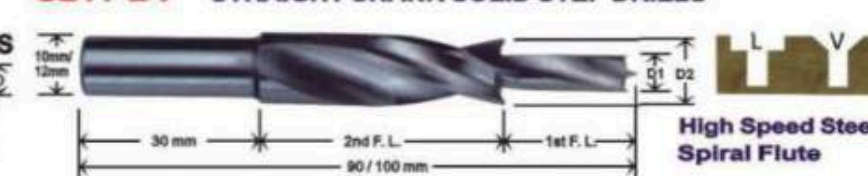
**A210-L** 外牙特殊雙層鑽頭  
**A210-V** THREADED SHANK SOLID STEP DRILLS



**S211-2T** 直柄鑽頭 STRAIGHT SHANK  
SOLID DRILLS



**S211-BL** 直柄雙層鑽頭  
**S211-BV** STRAIGHT SHANK SOLID STEP DRILLS



Jacobs taper

| JT 鑽度規格 | C      | E      | H      |
|---------|--------|--------|--------|
| JT2     | 22.225 | 12.386 | 14.199 |
| JT3     | 30.958 | 18.951 | 20.598 |
| JT6     | 26.2   | 15.852 | 17.17  |

DIN taper

| DIN 鑽度規格 | C    | E    | H      |
|----------|------|------|--------|
| B12      | 18.5 | 11.1 | 12.065 |
| B16      | 24   | 14.5 | 15.733 |
| B18      | 32   | 16.2 | 17.78  |

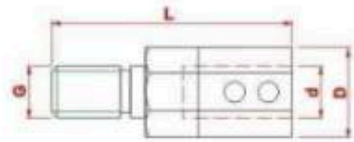
Morse taper

| MT 鑽度規格 | A    | B      | C    | D  | E  |
|---------|------|--------|------|----|----|
| MT1     | 65.5 | 12.065 | 9    | 10 | 10 |
| MT2     | 80   | 17.78  | 14   | 10 | 10 |
| MT3     | 99   | 23.825 | 19.1 | 10 | 10 |

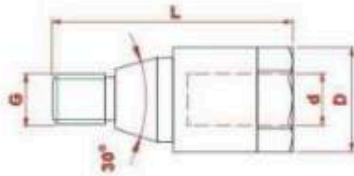


## Adaptors & Quick Change Chuck

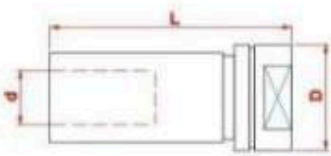
## ER WRENCHS SYSTEM



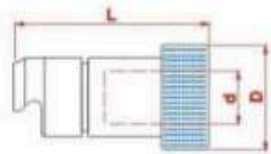
| MODEL   | L  | d  | D    | G   |
|---------|----|----|------|-----|
| FM0810R | 43 | 10 | 16.8 | M8  |
| FM0810L | 43 | 10 | 16.8 | M8  |
| FM1010R | 43 | 10 | 16.8 | M10 |
| FM1010L | 43 | 10 | 16.8 | M10 |



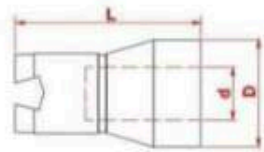
| MODEL    | L  | d  | D  | G   |
|----------|----|----|----|-----|
| FMV1010R | 47 | 10 | 20 | M10 |
| FMV1010L | 47 | 10 | 20 | M10 |



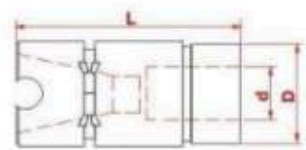
| MODEL   | L  | d  | D  |
|---------|----|----|----|
| FQC2010 | 46 | 10 | 20 |



| MODEL    | L  | d  | D  |
|----------|----|----|----|
| FQC1510L | 37 | 10 | 20 |
| FQC1510S | 30 | 10 | 20 |



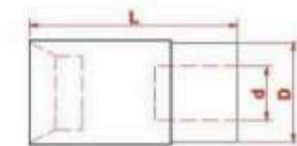
| MODEL    | L    | d  | D  |
|----------|------|----|----|
| FQC1510T | 34.5 | 10 | 19 |



| MODEL   | L  | d  | D  |
|---------|----|----|----|
| FQC0810 | 43 | 10 | 20 |



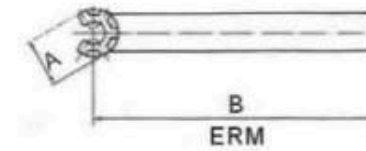
| MODEL   | L  | d  | D  |
|---------|----|----|----|
| FQC1210 | 42 | 10 | 18 |



| MODEL   | L  | d  | D  |
|---------|----|----|----|
| FQC1410 | 40 | 10 | 20 |



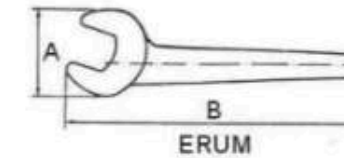
ER11M  
WRENCH



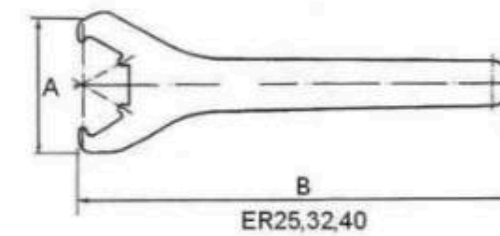
ER25  
WRENCH



ER16A  
WRENCH



ER32  
WRENCH



ER40  
WRENCH

| TOOL NO. | TYPE   | A    | B   |
|----------|--------|------|-----|
| WSER11M  | ER11M  | 17   | 95  |
| WSER16M  | ER16M  | 22.5 | 118 |
| WSER16UM | ER16UM | 44   | 140 |
| WSER20M  | ER20M  | 28   | 130 |
| WSER20UM | ER20UM | 53   | 170 |
| WSER25   | ER25   | 65   | 210 |
| WSER32   | ER32   | 75   | 250 |
| WSER40   | ER40   | 90   | 290 |



CNC Cutter Head Fixed Ring  
A



CNC Cutter Head Fixed Ring  
B

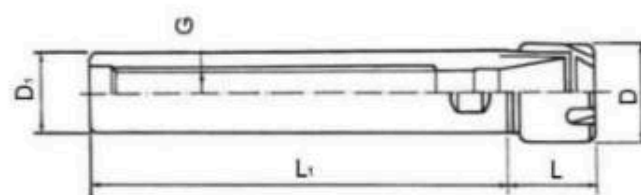
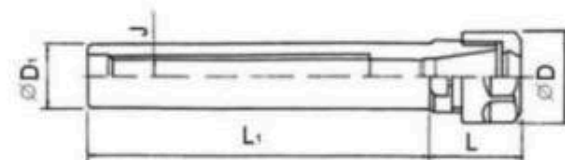




C16 ER11M-100M



C16 ER16-100MM



| TOOL NO. | COLLET TYPE | SHANK D <sub>1</sub> XL <sub>1</sub> | L  | D  |
|----------|-------------|--------------------------------------|----|----|
| WLER11M  | ER11M       | WS16x100L                            | 22 | 16 |
| WLER16M  | ER16M       | WS16x100L                            | 32 | 22 |
| WLER11   | ER11        | WS16x100L                            | 21 | 19 |
| WLER16   | ER16        | WS16x100L                            | 30 | 28 |

WW204A+WD213



WW204A+WD315



- Multi spindle adjustable boring heads
- Multi spindle fix boring heads
- Multi-axe fixed boring series
- CNC cutter head series
- Adaptors & quick change chuck
- HSK63F and ISO30 arbors



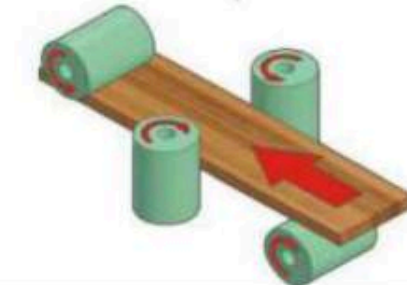
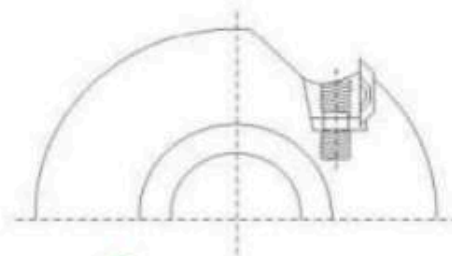
[www.routmac.com](http://www.routmac.com)



# Heavy Duty Helical Planer Cutter Heads AM814



| Accessories                                                                         | Size(mm)     |
|-------------------------------------------------------------------------------------|--------------|
|  | 14 X 14 X 2  |
|  | 13 X 12 X 11 |
|  | M8 X 20      |
|  | 4 X 100      |



- Cutter head body: aluminum alloy / light alloy
- Suitable for Four side moulders, copy shapers, spindle shapers.
- Suitable materials : solid wood, plywood, acryl, MDF
- For soft wood use L14\*14\*2\*37 degrees
- For hard wood use L14\*14\*2\*30 degrees

Heavy Duty Helical Planer Cutter Heads

| $\phi$ D mm | L mm | $\phi$ d mm       | Z | knives pcs |
|-------------|------|-------------------|---|------------|
| 100         | 60   | 30/31.75/32/35/40 | 6 | 12         |
| 100         | 80   | 30/31.75/32/35/40 | 6 | 16         |
| 100         | 100  | 30/31.75/32/35/40 | 6 | 22         |
| 100         | 130  | 30/31.75/32/35/40 | 6 | 28         |
| 100         | 150  | 30/31.75/32/35/40 | 6 | 32         |
| 100         | 160  | 30/31.75/32/35/40 | 6 | 34         |
| 100         | 180  | 30/31.75/32/35/40 | 6 | 38         |
| 100         | 203  | 30/31.75/32/35/40 | 6 | 44         |
| 125         | 60   | 40/46.0375/50     | 6 | 12         |
| 125         | 80   | 40/46.0375/50     | 6 | 16         |
| 125         | 100  | 40/46.0375/50     | 6 | 22         |
| 125         | 130  | 40/46.0375/50     | 6 | 28         |
| 125         | 150  | 40/46.0375/50     | 6 | 32         |
| 125         | 160  | 40/46.0375/50     | 6 | 34         |
| 125         | 180  | 40/46.0375/50     | 6 | 38         |
| 125         | 203  | 40/46.0375/50     | 6 | 44         |
| 125         | 230  | 40/46.0375/50     | 6 | 50         |

AM814 Heavy Duty Helical Planer Cutter Heads

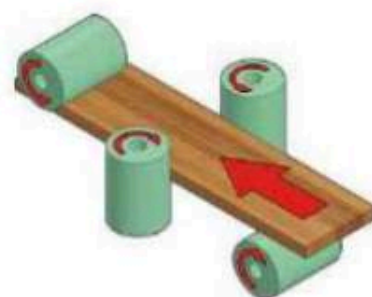
[www.routmac.com](http://www.routmac.com)



# Heavy Duty Helical Planer Cutter Heads AM1030



| Accessories                                                                        | Size(mm)      |
|------------------------------------------------------------------------------------|---------------|
|  | 30 X 12 X 1.5 |
|  | 28 X 15 X 9.5 |
|  | M10 X 20      |
|  | 5 X 150       |



- Cutter head body: aluminum alloy / light alloy
- Suitable for Four side moulders
- Suitable materials : solid wood, plywood, acryl, MDF
- Knife: L30\*12\*1.5\*35 degrees

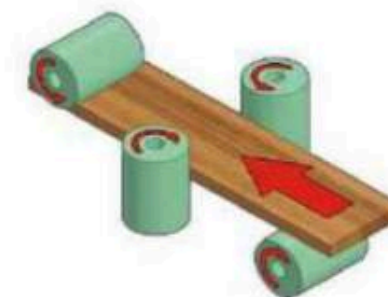
Heavy Duty Helical Planer Cutter Heads

| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm    | Z | knives<br>pcs |
|----------------|---------|-------------------|---|---------------|
| 100            | 60      | 30/31.75/32/35/40 | 6 | 6             |
| 100            | 80      | 30/31.75/32/35/40 | 6 | 8             |
| 100            | 100     | 30/31.75/32/35/40 | 6 | 12            |
| 100            | 130     | 30/31.75/32/35/40 | 6 | 16            |
| 100            | 160     | 30/31.75/32/35/40 | 6 | 20            |
| 100            | 180     | 30/31.75/32/35/40 | 6 | 22            |
| 100            | 203     | 30/31.75/32/35/40 | 6 | 26            |
| 125            | 60      | 40/46.0375/50     | 6 | 6             |
| 125            | 80      | 40/46.0375/50     | 6 | 8             |
| 125            | 100     | 40/46.0375/50     | 6 | 12            |
| 125            | 130     | 40/46.0375/50     | 6 | 16            |
| 125            | 160     | 40/46.0375/50     | 6 | 20            |
| 125            | 180     | 40/46.0375/50     | 6 | 22            |
| 125            | 203     | 40/46.0375/50     | 6 | 26            |
| 125            | 230     | 40/46.0375/50     | 6 | 30            |

# Helical Planer Cutter Heads AM615



| Accessories                                                                         | Size(mm)      |
|-------------------------------------------------------------------------------------|---------------|
|  | 15 X 15 X 2.5 |
|  | M6 X 15       |
|  | 4.5 X 100     |



- Cutter head body: aluminum alloy / light alloy
- Suitable for Four side moulders, copy shapers, spindle shapers.
- Suitable materials : solid wood, plywood, acryl, MDF
- Knife: L15\*15\*2.5\*30 degrees

Helical Planer Cutter Heads

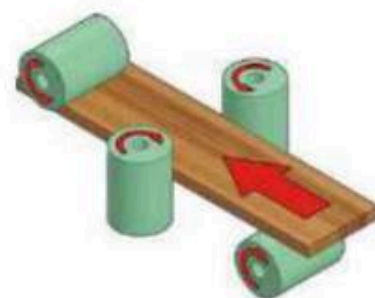
| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm    | Z | knives<br>pcs |
|----------------|---------|-------------------|---|---------------|
| 100            | 60      | 30/31.75/32/35/40 | 6 | 15            |
| 100            | 80      | 30/31.75/32/35/40 | 6 | 18            |
| 100            | 100     | 30/31.75/32/35/40 | 6 | 24            |
| 100            | 130     | 30/31.75/32/35/40 | 6 | 30            |
| 100            | 153     | 30/31.75/32/35/40 | 6 | 36            |
| 100            | 160     | 30/31.75/32/35/40 | 6 | 39            |
| 100            | 180     | 30/31.75/32/35/40 | 6 | 48            |
| 100            | 203     | 30/31.75/32/35/40 | 6 | 48            |
| 125            | 60      | 40/46.0375/50     | 6 | 15            |
| 125            | 80      | 40/46.0375/50     | 6 | 18            |
| 125            | 100     | 40/46.0375/50     | 6 | 24            |
| 125            | 130     | 40/46.0375/50     | 6 | 30            |
| 125            | 153     | 40/46.0375/50     | 6 | 36            |
| 125            | 180     | 40/46.0375/50     | 6 | 48            |
| 125            | 203     | 40/46.0375/50     | 6 | 48            |
| 125            | 230     | 40/46.0375/50     | 6 | 60            |



# Helical Planer Cutter Heads SM615



| Accessories                                                                                    | Size(mm)      |
|------------------------------------------------------------------------------------------------|---------------|
|              | 15 X 15 X 2.5 |
|              | M6 X 15       |
|  Screwdriver | 4.5 X 100     |



- Cutter head body: steel
- Suitable for Four side moulders, copy shapers, spindle shapers.
- Suitable materials : solid wood, plywood, acryl, MDF
- Knife: L15\*15\*2.5\*30 degrees

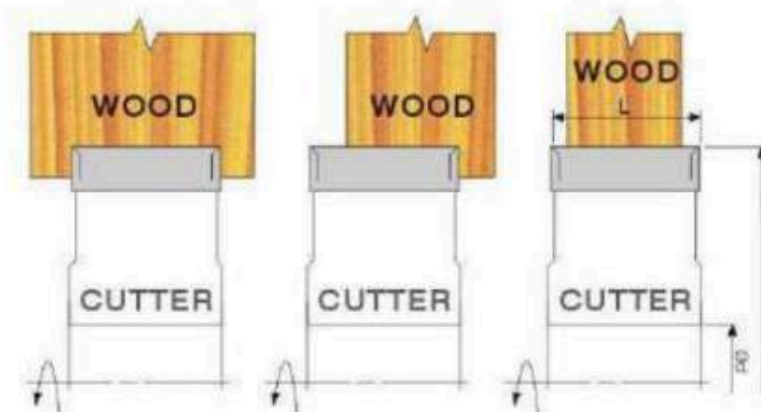
Helical Planer Cutter Heads

| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm    | Z | knives<br>pcs |
|----------------|---------|-------------------|---|---------------|
| 100            | 60      | 30/31.75/32/35/40 | 6 | 15            |
| 100            | 80      | 30/31.75/32/35/40 | 6 | 18            |
| 100            | 100     | 30/31.75/32/35/40 | 6 | 24            |
| 100            | 130     | 30/31.75/32/35/40 | 6 | 30            |
| 100            | 153     | 30/31.75/32/35/40 | 6 | 36            |
| 100            | 160     | 30/31.75/32/35/40 | 6 | 39            |
| 100            | 180     | 30/31.75/32/35/40 | 6 | 48            |
| 100            | 203     | 30/31.75/32/35/40 | 6 | 48            |
| 125            | 60      | 40/46.0375/50     | 6 | 15            |
| 125            | 80      | 40/46.0375/50     | 6 | 18            |
| 125            | 100     | 40/46.0375/50     | 6 | 24            |
| 125            | 130     | 40/46.0375/50     | 6 | 30            |
| 125            | 153     | 40/46.0375/50     | 6 | 36            |
| 125            | 180     | 40/46.0375/50     | 6 | 48            |
| 125            | 203     | 40/46.0375/50     | 6 | 48            |
| 125            | 230     | 40/46.0375/50     | 6 | 60            |

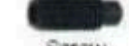
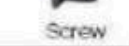
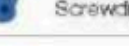
## SM615 Helical Planer Cutter Heads

## AM10V4 Rebbeting Cutter Heads

# Rebbeting Cutter Heads AM10V4



- Cutter head body: aluminum alloy / light alloy
- Suitable for Four side moulders, copy shapers, spindle shapers.
- Suitable materials : solid wood, plywood, acryl, MDF
- With spur (scoring knives)

| Accessories                                                                                       | Size(mm)                                                          |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|  Knife         | 30 X 12 X 1.5 X 35°<br>50 X 12 X 1.5 X 35°<br>60 X 12 X 1.5 X 35° |
|  Spur         | 14 X 14 X 2 X 30°                                                 |
|  Wedge       | 28 X 16 X 9.5<br>48 X 16 X 9.5<br>58 X 16 X 9.5                   |
|  Screw       | M10 X 20<br>M10 X 25                                              |
|  Screw       | M6 X 10<br>M6 X 15                                                |
|  Screwdriver | 5 X 150                                                           |
|  Screwdriver | 4.5 X 100                                                         |

Rebbeting Cutter Heads

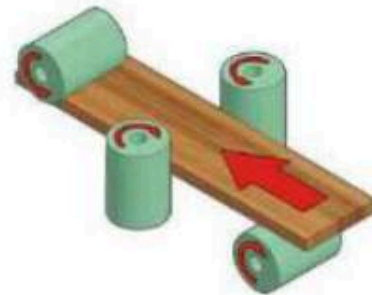
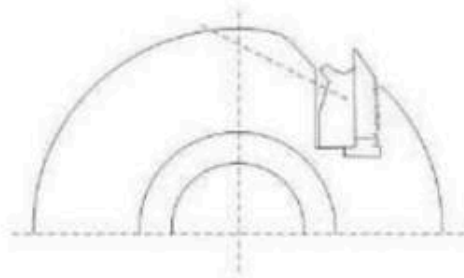
| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm               | Z | V |
|----------------|---------|------------------------------|---|---|
| 100            | 30      | 30/31.75/32/35/40            | 4 | 4 |
| 100            | 50      | 30/31.75/32/35/40            | 4 | 4 |
| 100            | 60      | 30/31.75/32/35/40            | 4 | 4 |
| 125            | 30      | 30/31.75/32/35/40/46.0375/50 | 4 | 4 |
| 125            | 50      | 30/31.75/32/35/40/46.0375/50 | 4 | 4 |
| 125            | 60      | 30/31.75/32/35/40/46.0375/50 | 4 | 4 |



# Corrugated Back Cutter Heads SM1070



| Accessories | Size(mm)      |
|-------------|---------------|
| Knife       | L X 50-70 X 8 |
| Wedge       | L X 24 X 12   |
| Screw       | M10 X 25      |
| Screwdriver | 5 X 150       |



- Knife: T8\*W50/60/70\*Length..
- Suitable for Four side moulders.

Corrugated Back Cutter Heads

| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm | Z |
|----------------|---------|----------------|---|
| 122            | 50      | 40/46.0375/50  | 4 |
| 122            | 60      | 40/46.0375/50  | 4 |
| 122            | 80      | 40/46.0375/50  | 4 |
| 122            | 100     | 40/46.0375/50  | 4 |
| 122            | 130     | 40/46.0375/50  | 4 |
| 122            | 153     | 40/46.0375/50  | 4 |
| 122            | 180     | 40/46.0375/50  | 4 |
| 122            | 203     | 40/46.0375/50  | 4 |
| 122            | 230     | 40/46.0375/50  | 4 |

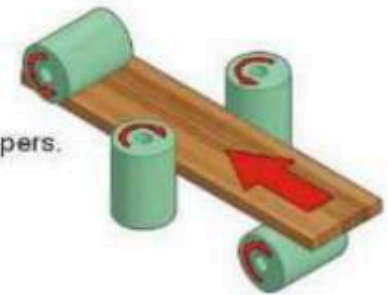
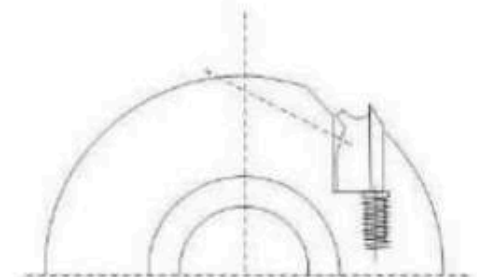
SM1070 Corrugated Back Cutter Heads

AM1230 Planer / Moulder Cutter Heads

# Planer / Moulder Cutter Heads AM1230



| Accessories | Size(mm)             |
|-------------|----------------------|
| Knife       | L X 30 X 3           |
| Wedge       | L X 24 X 12          |
| Screwdriver | 5 X 150<br>6 X 150   |
| Screw       | M10 X 25<br>M12 X 30 |
| Spring      |                      |



- Cutter head body: aluminum alloy / light alloy.
- Suitable for Three side moulders, Four side moulders and spindle shapers.
- Replacement knives : L\*W30mm\*T3mm / HSS or carbide tipped.

Planer / Moulder Cutter Heads

| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm | Z |
|----------------|---------|----------------|---|
| 100            | 60      | 30/31.75/32/35 | 4 |
| 100            | 80      | 30/31.75/32/35 | 4 |
| 100            | 100     | 30/31.75/32/35 | 4 |
| 100            | 130     | 30/31.75/32/35 | 4 |
| 125            | 80      | 40/46.0375/50  | 4 |
| 125            | 100     | 40/46.0375/50  | 4 |
| 125            | 130     | 40/46.0375/50  | 4 |
| 125            | 153     | 40/46.0375/50  | 4 |
| 125            | 180     | 40/46.0375/50  | 4 |
| 125            | 203     | 40/46.0375/50  | 4 |
| 125            | 230     | 40/46.0375/50  | 4 |

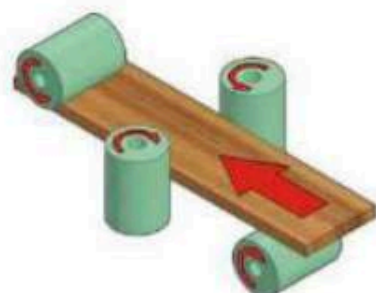
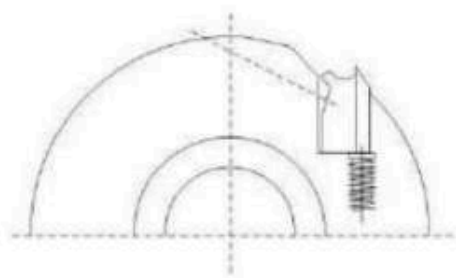


# Planer / Moulder Cutter Heads

## SM1230



| Accessories | Size(mm)    |
|-------------|-------------|
| Knife       | L X 30 X 3  |
| Wedge       | L X 24 X 12 |
| Screwdriver | 6 X 150     |
| Screw       | M12 X 30    |
| Spring      |             |



- Cutter head body: Steel.
- Suitable for Three side moulders, Four side moulders and spindle shapers.
- Replacement knives : L\*W30mm\*T3mm / HSS or carbide tipped.

### Planer / Moulder Cutter Heads

| $\phi$ D mm | L mm | $\phi$ d mm   | Z |
|-------------|------|---------------|---|
| 125         | 50   | 40/46.0375/50 | 4 |
| 125         | 60   | 40/46.0375/50 | 4 |
| 125         | 80   | 40/46.0375/50 | 4 |
| 125         | 100  | 40/46.0375/50 | 4 |
| 125         | 130  | 40/46.0375/50 | 4 |
| 125         | 153  | 40/46.0375/50 | 4 |
| 125         | 180  | 40/46.0375/50 | 4 |
| 125         | 203  | 40/46.0375/50 | 4 |
| 125         | 230  | 40/46.0375/50 | 4 |

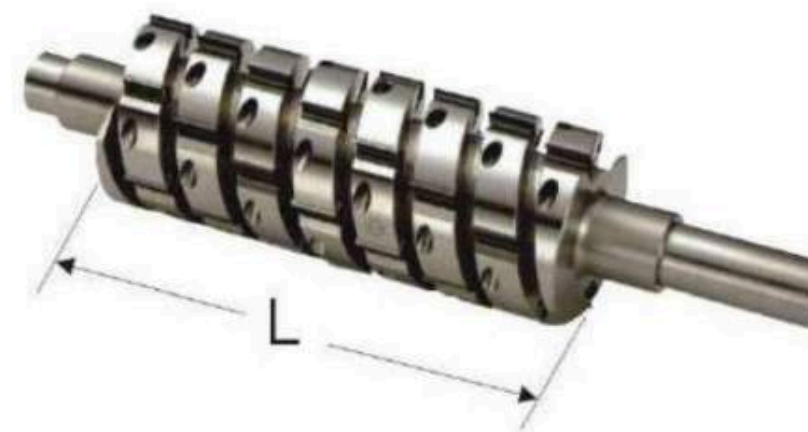
SM1230 Planer / Moulder Cutter Heads

SM10100635

# SM10100635

## Helical Planer Cutter Heads

### For Single/Double Surface Planers

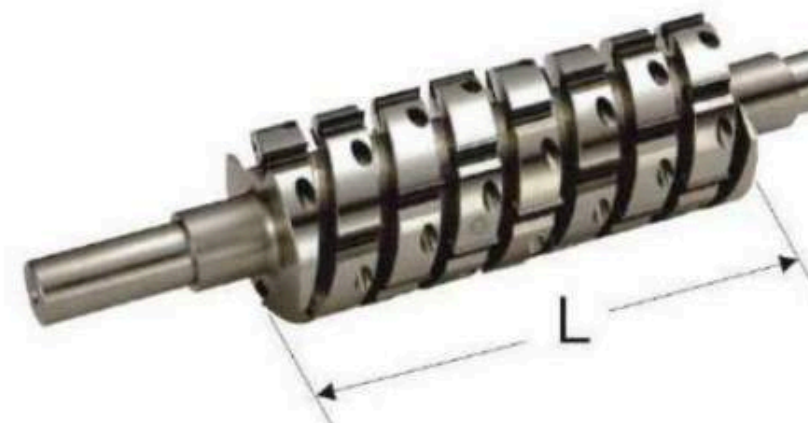


### Helical Planer Cutter

| $\phi$ D mm | L mm    | Z   |
|-------------|---------|-----|
| 100-150     | 300-635 | 6/8 |

- Customers' request on the size of the axis on both ends are applicable.
- Suitable for Single side planers, Double side planers.
- Custom designs available.

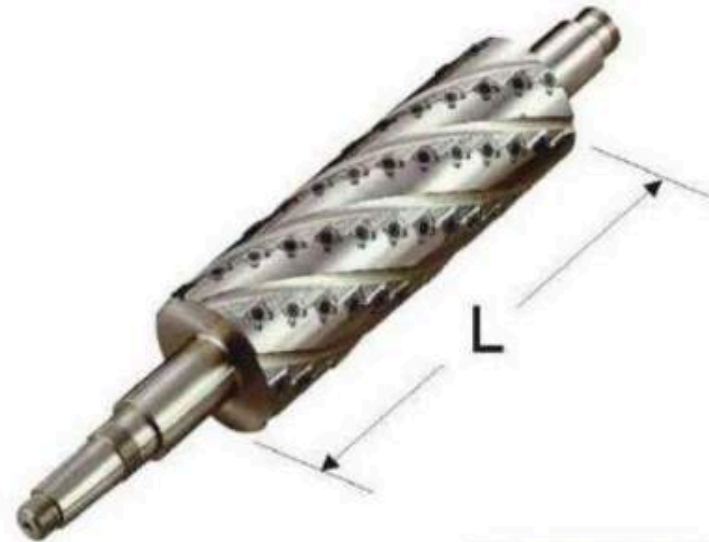
| Accessories | Size(mm)                       |
|-------------|--------------------------------|
| knife       | 30 X 12 X 1.5<br>30 X 12 X 2.5 |
| wedge       | 28 X 15 X 9.5                  |
| screw       | M10 X 20                       |
| screwdriver | 5 X 150                        |





# SM675635

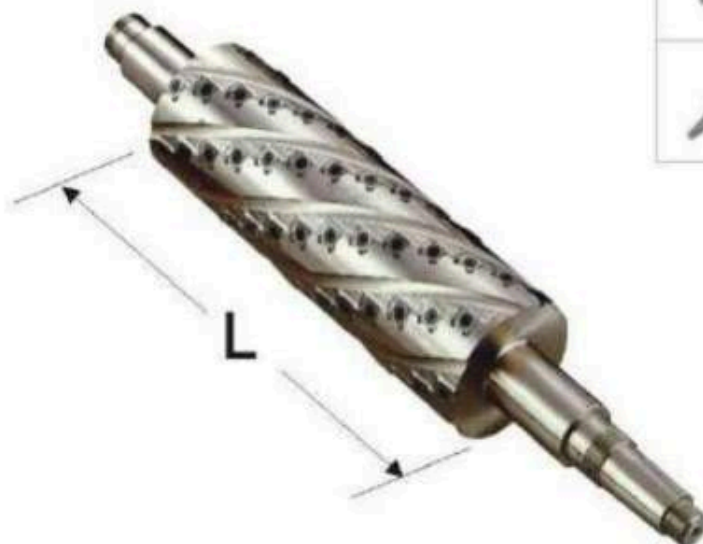
## Helical Planer Cutter Heads For Single/Double Surface Planers



- Customers' request on the size of the axis on both ends are applicable.
- Suitable for Single side planers, Double side planers.
- Custom designs available.

Helical Planer Cutters

| $\phi D$<br>mm | L<br>mm | Z     |
|----------------|---------|-------|
| 75-150         | 300-635 | 4/6/8 |



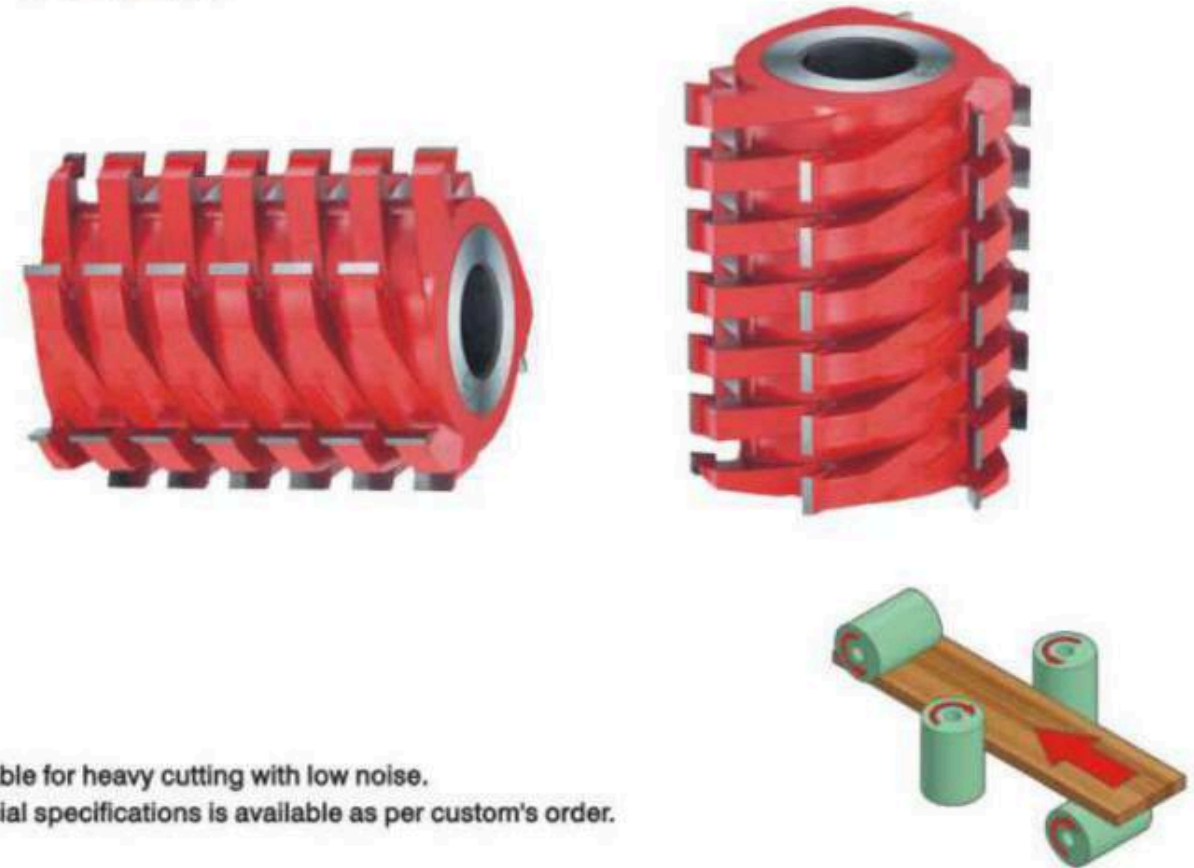
| Accessories | Size(mm)                                                                                  |
|-------------|-------------------------------------------------------------------------------------------|
| knife       | 14 X 14 X 2.0 X 30°<br>15 X 15 X 2.5X 30°<br>15 X 15 X 2.5X 37°<br>14.6 X 14.6 X 2.5X 30° |
| screw       | M6 X 15                                                                                   |
| screwdriver | 4.5 X 100                                                                                 |
|             | M615RH12                                                                                  |
|             | M615T2030                                                                                 |
|             | M615T2050                                                                                 |

SM675635

W1225 Carbide-Tipped Helical Planer Cutter Heads

## Carbide-Tipped Helical Planer Cutter Heads W1225

(Braze T.C.T thickness 4mm)



- Suitable for heavy cutting with low noise.
- Special specifications is available as per custom's order.

Carbide-Tipped Helical Planer Cutter Heads

| $\phi D$<br>mm | L<br>mm | $\phi d$<br>mm   | Z |
|----------------|---------|------------------|---|
| 125            | 50      | 40/45/46.0375/50 | 6 |
| 125            | 60      | 40/45/46.0375/50 | 6 |
| 125            | 80      | 40/45/46.0375/50 | 6 |
| 125            | 100     | 40/45/46.0375/50 | 6 |
| 125            | 130     | 40/45/46.0375/50 | 6 |
| 125            | 153     | 40/45/46.0375/50 | 6 |
| 125            | 180     | 40/45/46.0375/50 | 6 |
| 125            | 203     | 40/45/46.0375/50 | 6 |
| 125            | 230     | 40/45/46.0375/50 | 6 |
| 125            | 250     | 40/45/46.0375/50 | 6 |
| 125            | 300     | 40/45/46.0375/50 | 6 |
| 125            | 320     | 40/45/46.0375/50 | 6 |



# Carbide-Tipped Helical Planer Cutter Heads W1018

(Brazed T.C.T thickness 5.4mm)



- Suitable for heavy cutting with low noise.
- Special specifications is available as per custom's order.

Carbide-Tipped Helical Planer Cutter Heads

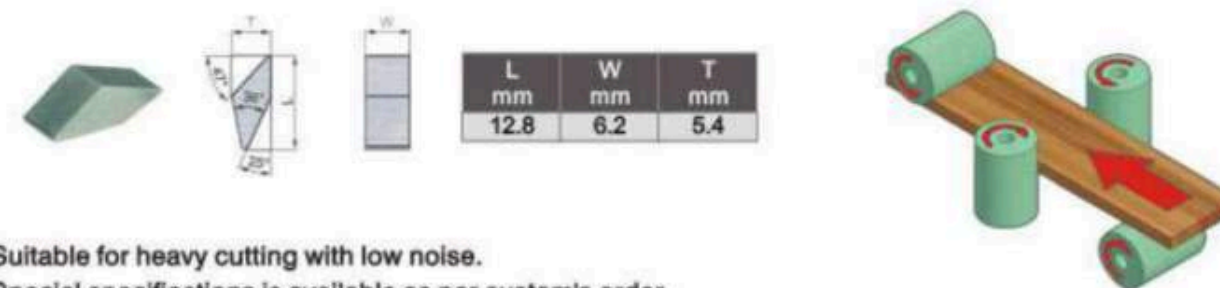
| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm         | Z   |
|----------------|---------|------------------------|-----|
| 100            | 50      | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 60      | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 80      | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 100     | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 130     | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 153     | 25.4/30/31.75/32/35/40 | 6/8 |
| 100            | 180     | 25.4/30/31.75/32/35/40 | 6/8 |
| 125            | 50      | 40/45/46.0375/50       | 6/8 |
| 125            | 60      | 40/45/46.0375/50       | 6/8 |
| 125            | 80      | 40/45/46.0375/50       | 6/8 |
| 125            | 100     | 40/45/46.0375/50       | 6/8 |
| 125            | 130     | 40/45/46.0375/50       | 6/8 |
| 125            | 153     | 40/45/46.0375/50       | 6/8 |
| 125            | 180     | 40/45/46.0375/50       | 6/8 |
| 125            | 203     | 40/45/46.0375/50       | 6/8 |
| 125            | 230     | 40/45/46.0375/50       | 6/8 |



W1018 Carbide-Tipped Helical Planer Cutter Heads

# Carbide-Tipped Helical Planer Cutter Heads W1218

(Brazed T.C.T thickness 5.4mm)



- Suitable for heavy cutting with low noise.
- Special specifications is available as per custom's order.

Carbide-Tipped Helical Planer Cutter Heads

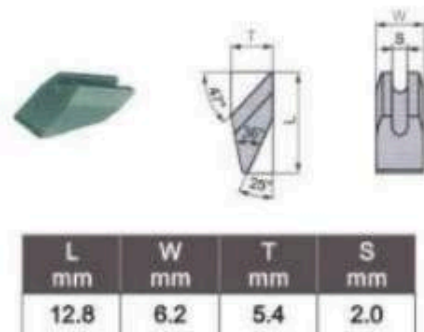
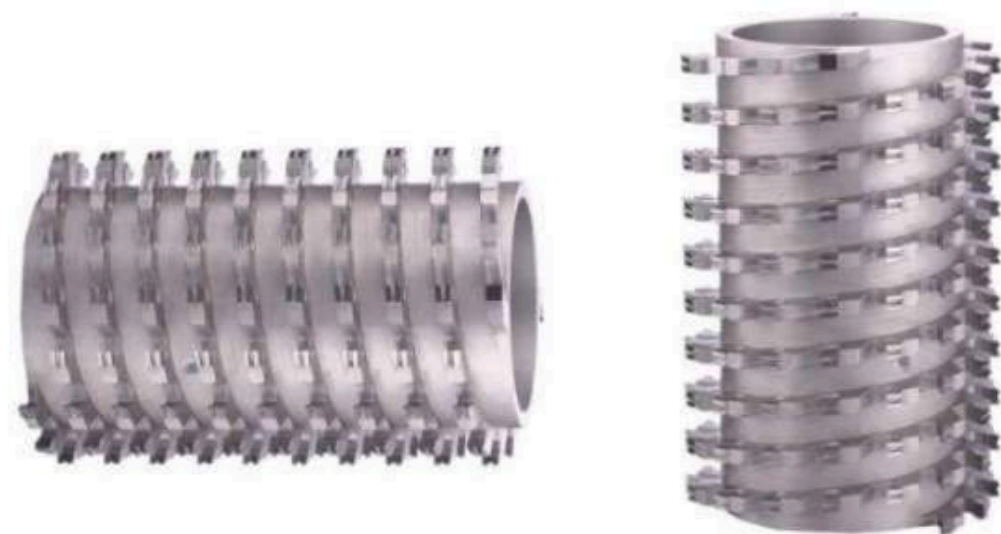
| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm         | Z       |
|----------------|---------|------------------------|---------|
| 100            | 50      | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 60      | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 80      | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 100     | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 130     | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 153     | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 100            | 180     | 25.4/30/31.75/32/35/40 | 8/10/12 |
| 125            | 50      | 40/45/46.0375/50       | 8/10/12 |
| 125            | 60      | 40/45/46.0375/50       | 8/10/12 |
| 125            | 80      | 40/45/46.0375/50       | 8/10/12 |
| 125            | 100     | 40/45/46.0375/50       | 8/10/12 |
| 125            | 130     | 40/45/46.0375/50       | 8/10/12 |
| 125            | 153     | 40/45/46.0375/50       | 8/10/12 |
| 125            | 180     | 40/45/46.0375/50       | 8/10/12 |
| 125            | 203     | 40/45/46.0375/50       | 8/10/12 |
| 125            | 230     | 40/45/46.0375/50       | 8/10/12 |



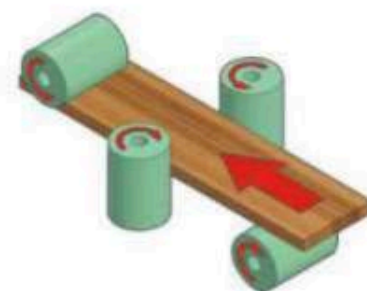
# Carbide-Tipped Helical Planer Cutter Heads

## W1218T16

(Braze T.C.T thickness 5.4mm)



- Suitable for heavy cutting with low noise.
- Special specifications is available as per custom's order.



Carbide-Tipped Helical Planer Cutter Heads

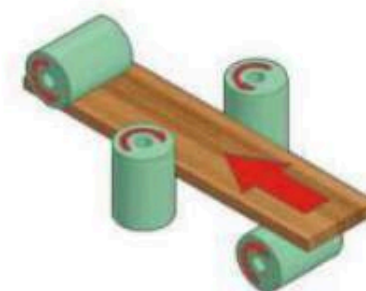
| $\phi$ D<br>mm | L<br>mm | $\phi$ d<br>mm   | Z  |
|----------------|---------|------------------|----|
| 125            | 50      | 40/45/46.0375/50 | 16 |
| 125            | 60      | 40/45/46.0375/50 | 16 |
| 125            | 80      | 40/45/46.0375/50 | 16 |
| 125            | 100     | 40/45/46.0375/50 | 16 |
| 125            | 130     | 40/45/46.0375/50 | 16 |
| 125            | 153     | 40/45/46.0375/50 | 16 |
| 125            | 180     | 40/45/46.0375/50 | 16 |
| 125            | 203     | 40/45/46.0375/50 | 16 |
| 125            | 230     | 40/45/46.0375/50 | 16 |

W1218T16 Carbide-Tipped Helical Planer Cutter Heads

# Carbide-Tipped Planer Cutter Heads

## TF501

(Braze T.C.T thickness 4mm)



- Special specifications is available as per custom's order.

Carbide-Tipped Planer Cutter Heads

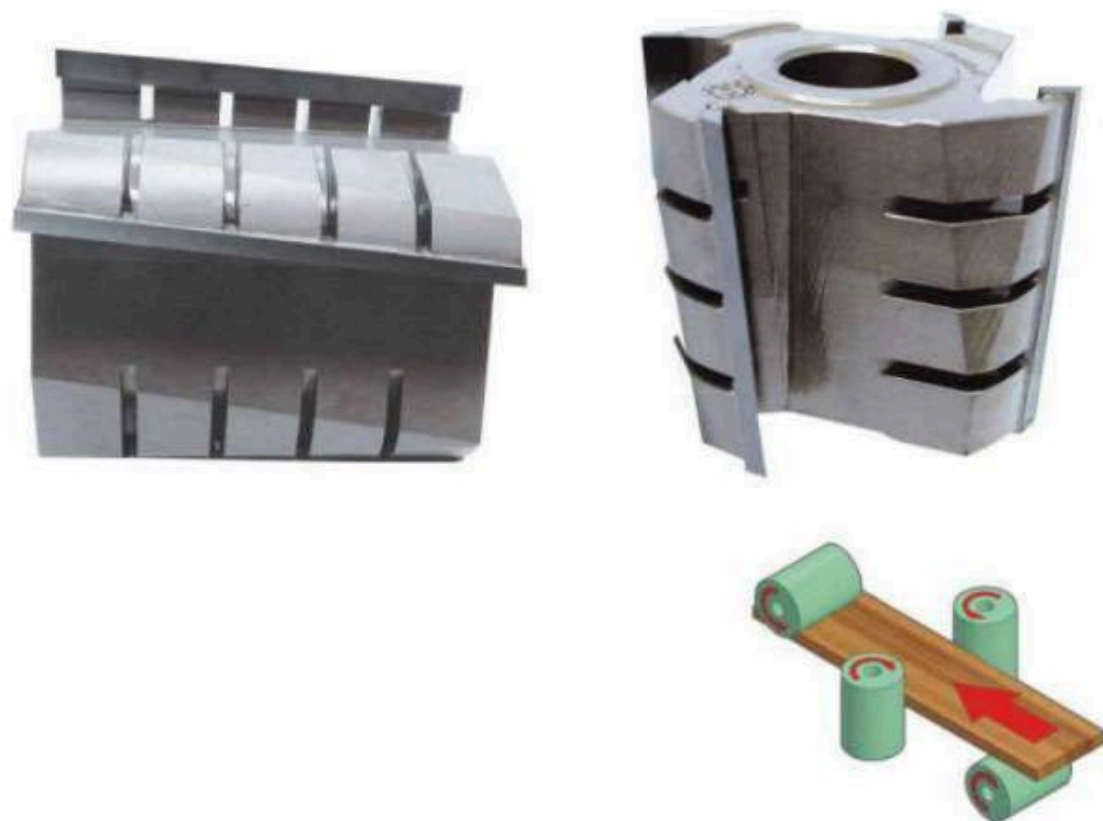
| $\phi$ D<br>mm         | L<br>mm | $\phi$ d<br>mm         | Z |
|------------------------|---------|------------------------|---|
| 100                    | 50      | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 60      | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 80      | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 100     | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 130     | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 153     | 25.4/30/31.75/32/35/40 | 4 |
| 100                    | 180     | 25.4/30/31.75/32/35/40 | 4 |
| 125                    | 50      | 40/45/46.0375/50       | 4 |
| 125                    | 60      | 40/45/46.0375/50       | 4 |
| 125                    | 80      | 40/45/46.0375/50       | 4 |
| 125                    | 100     | 40/45/46.0375/50       | 4 |
| 125                    | 130     | 40/45/46.0375/50       | 4 |
| 125                    | 153     | 40/45/46.0375/50       | 4 |
| 125                    | 180     | 40/45/46.0375/50       | 4 |
| 125                    | 203     | 40/45/46.0375/50       | 4 |
| 125                    | 230     | 40/45/46.0375/50       | 4 |
| 150<br>Trimming Cutter | 11      | 40/45/46.0375/50       | 4 |

TF501 Carbide-Tipped Planer Cutter Heads



# TF501AB Carbide-Tipped Planer Cutter Heads with alternating shear

(Brazed T.C.T thickness 4mm)



• Special specifications is available as per custom's order.

Planer Cutter Heads-with alternating shear

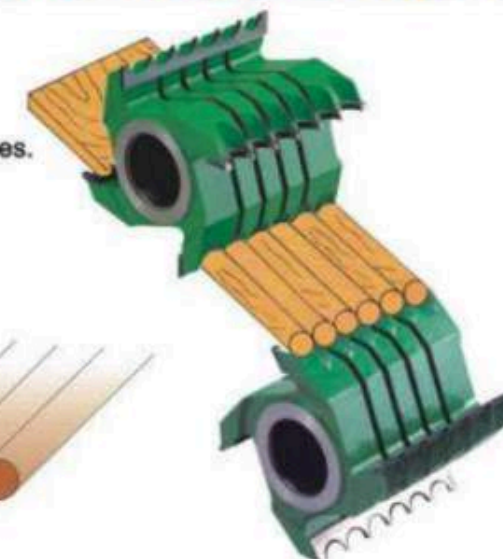
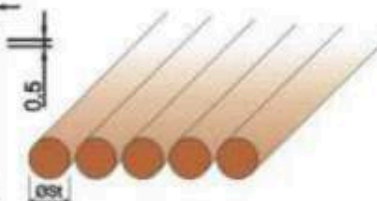
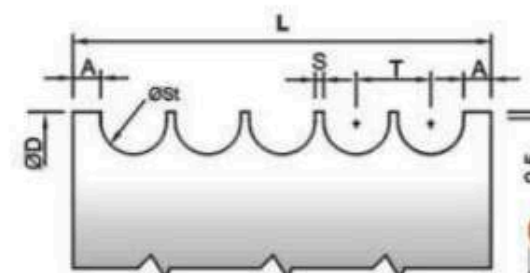
| $\phi$ D mm | L mm | $\phi$ d mm            | Z   |
|-------------|------|------------------------|-----|
| 100         | 50   | 25.4/30/31.75/32/35/40 | 4/6 |
| 100         | 60   | 25.4/30/31.75/32/35/40 | 4/6 |
| 100         | 80   | 25.4/30/31.75/32/35/40 | 4/6 |
| 100         | 100  | 25.4/30/31.75/32/35/40 | 4/6 |
| 100         | 130  | 25.4/30/31.75/32/35/40 | 4/6 |
| 100         | 153  | 25.4/30/31.75/32/35/40 | 4/6 |
| 125         | 50   | 40/45/46.0375/50       | 4/6 |
| 125         | 60   | 40/45/46.0375/50       | 4/6 |
| 125         | 80   | 40/45/46.0375/50       | 4/6 |
| 125         | 100  | 40/45/46.0375/50       | 4/6 |
| 125         | 130  | 40/45/46.0375/50       | 4/6 |
| 125         | 153  | 40/45/46.0375/50       | 4/6 |

TF501AB Planer Cutter Heads-with alternating shear

TF502 Wooden Round Rod Cutters

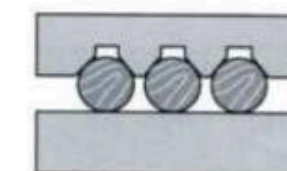
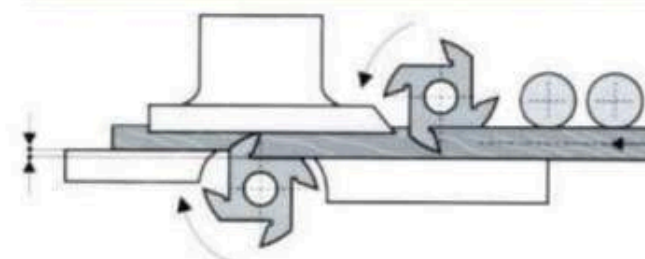
# TF502 Wooden Round Rod Cutters

- Brazed T.C.T thickness=4mm
- Suitable for Four side moulders. Round rod milling machines.
- Special specifications is available as per customs' order.



Wooden Round Rod Cutters

| $\phi$ st mm | $\phi$ D mm | L          | $\phi$ d mm | S   | T    | A | Z |
|--------------|-------------|------------|-------------|-----|------|---|---|
| 4            | 110/130     | 75mm-150mm | 30/40       | 1   | 5    | 6 | 4 |
| 5            | 110/130     | 75mm-150mm | 30/40       | 1   | 6    | 6 | 4 |
| 6            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 7.5  | 6 | 4 |
| 7            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 8.5  | 6 | 4 |
| 8            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 9.5  | 6 | 4 |
| 9            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 10.5 | 6 | 4 |
| 10           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 11.5 | 6 | 4 |
| 11           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 12.5 | 6 | 4 |
| 12           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 13.5 | 6 | 4 |
| 13           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 14.5 | 6 | 4 |
| 14           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 15.5 | 6 | 4 |
| 15           | 110/140     | 75mm-150mm | 30/40       | 1.5 | 16.5 | 6 | 4 |
| 16           | 110/140     | 75mm-150mm | 30/40       | 2   | 18   | 6 | 4 |
| 17           | 110/140     | 75mm-150mm | 30/40       | 2   | 19   | 6 | 4 |
| 18           | 110/140     | 75mm-150mm | 30/40       | 2   | 20   | 6 | 4 |
| 19           | 110/140     | 75mm-150mm | 30/40       | 2   | 21   | 6 | 4 |
| 20           | 110/140     | 75mm-150mm | 30/40       | 2   | 22   | 6 | 4 |
| 21           | 110/140     | 75mm-150mm | 30/40       | 2   | 23   | 6 | 4 |
| 22           | 110/140     | 75mm-150mm | 30/40       | 2.5 | 24.5 | 6 | 4 |
| 23           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 25.5 | 6 | 4 |
| 24           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 26.5 | 6 | 4 |
| 25           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 27.5 | 6 | 4 |
| 26           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 28.5 | 6 | 4 |
| 27           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 29.5 | 6 | 4 |
| 28           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 30.5 | 6 | 4 |
| 29           | 120/150     | 75mm-150mm | 30/40       | 2.5 | 31.5 | 6 | 4 |
| 30           | 120/150     | 75mm-150mm | 30/40       | 3   | 33   | 6 | 4 |

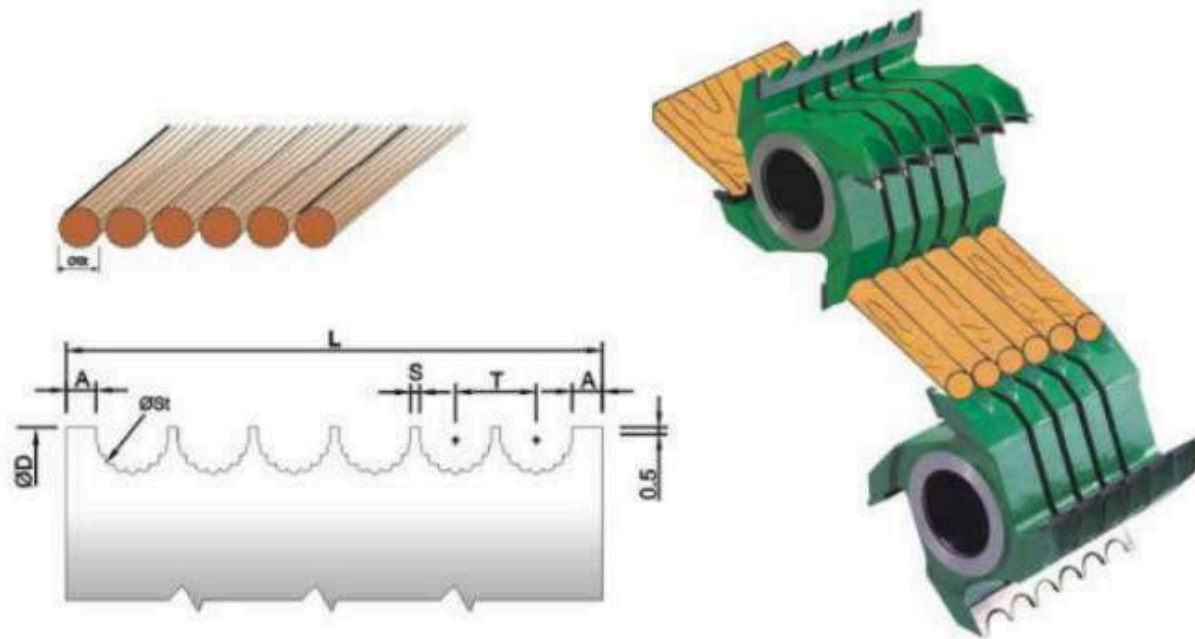




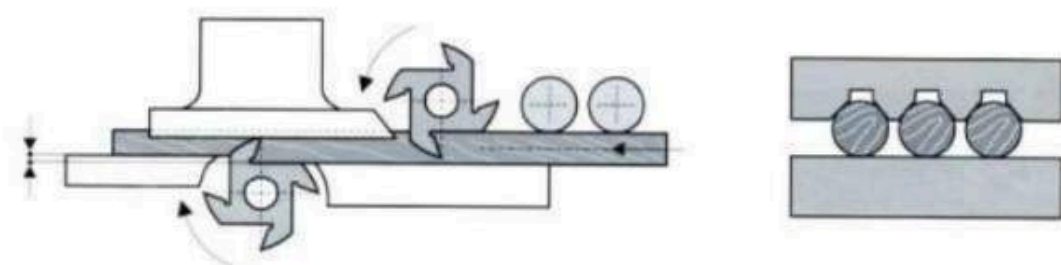
# TF503

## Wooden Dowel Milling Cutters

- Brazed T.C.T thickness 4mm
- Suitable for Four side moulders. Round rod milling machines.
- Special specifications is available as per customs' order.



| Wooden Dowel Milling Cutters |             |            |             |     |      |   |   |
|------------------------------|-------------|------------|-------------|-----|------|---|---|
| $\phi$ st mm                 | $\phi$ D mm | L          | $\phi$ d mm | S   | T    | A | Z |
| 6                            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 7.5  | 6 | 4 |
| 7                            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 8.5  | 6 | 4 |
| 8                            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 9.5  | 6 | 4 |
| 9                            | 110/130     | 75mm-150mm | 30/40       | 1.5 | 10.5 | 6 | 4 |
| 10                           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 11.5 | 6 | 4 |
| 11                           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 12.5 | 6 | 4 |
| 12                           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 13.5 | 6 | 4 |
| 13                           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 14.5 | 6 | 4 |
| 14                           | 110/130     | 75mm-150mm | 30/40       | 1.5 | 15.5 | 6 | 4 |
| 15                           | 110/140     | 75mm-150mm | 30/40       | 1.5 | 16.5 | 6 | 4 |
| 16                           | 110/140     | 75mm-150mm | 30/40       | 2   | 18   | 6 | 4 |



TF503 Wooden Dowel Milling Cutters

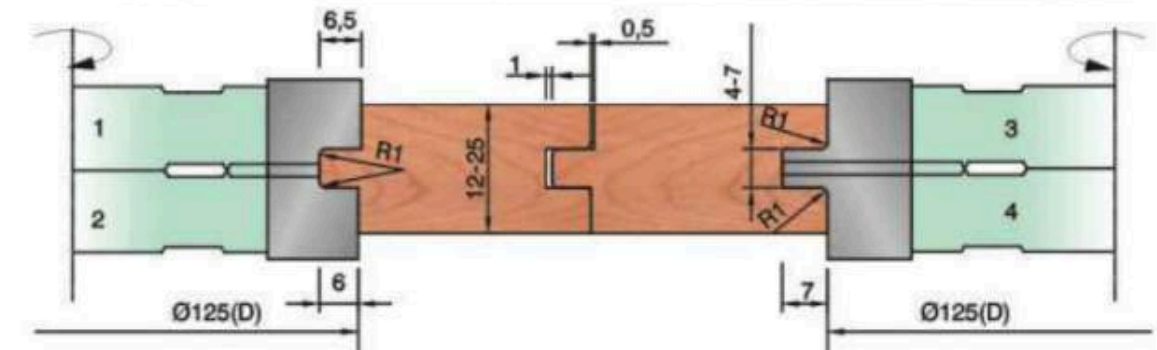
TF601 Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

## Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

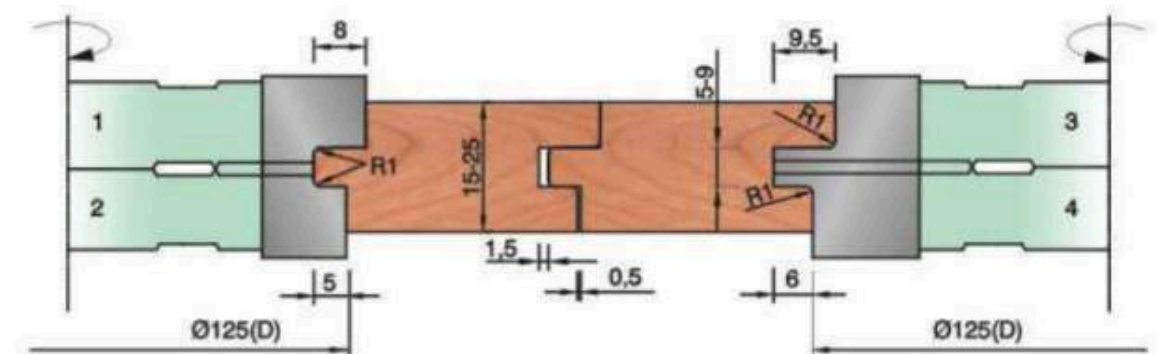
(Brazed T.C.T thickness 4mm)



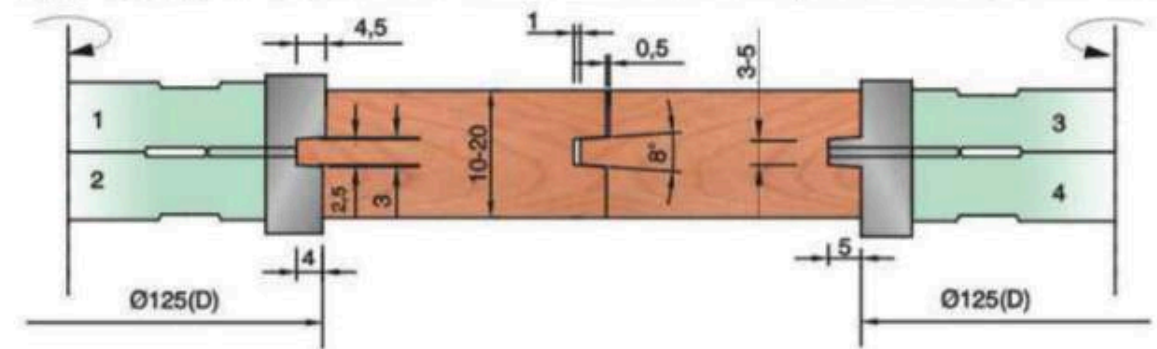
### TF601A D125\*W12~25\*d40\*Z4/Z6 1SET/4PCS



### TF601B D125\*W15~25\*d40\*Z4/Z6 1SET/4PCS



### TF601C D125\*W10~20\*d40\*Z4/Z6 1SET/4PCS



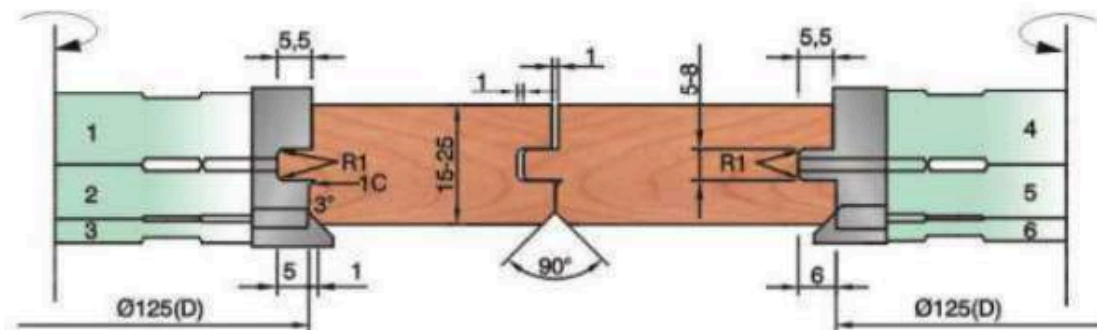


## Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

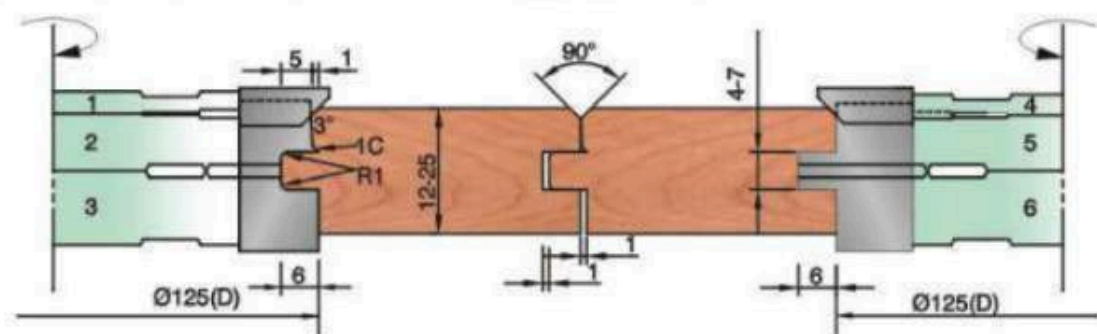
(Braze T.C.T thickness 4mm)



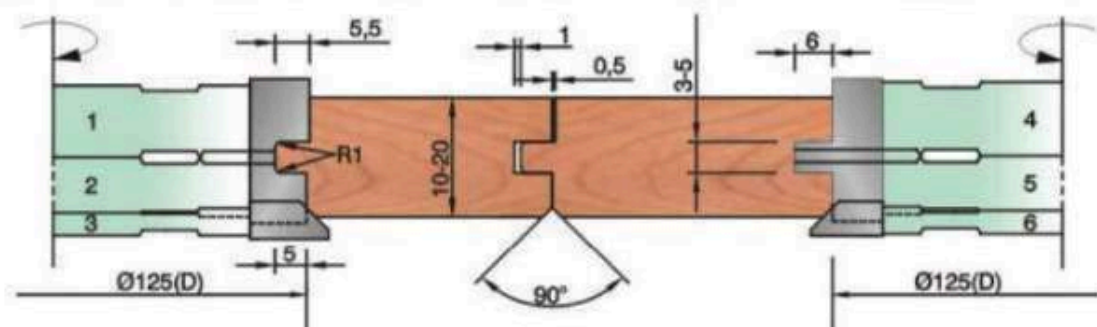
**TF601D** D125\*W15~25\*d40\*Z4/Z6 1SET/6PCS



**TF601E** D125\*W12~25\*d40\*Z4/Z6 1SET/6PCS



**TF601F** D125\*W10~20\*d40\*Z4/Z6 1SET/6PCS



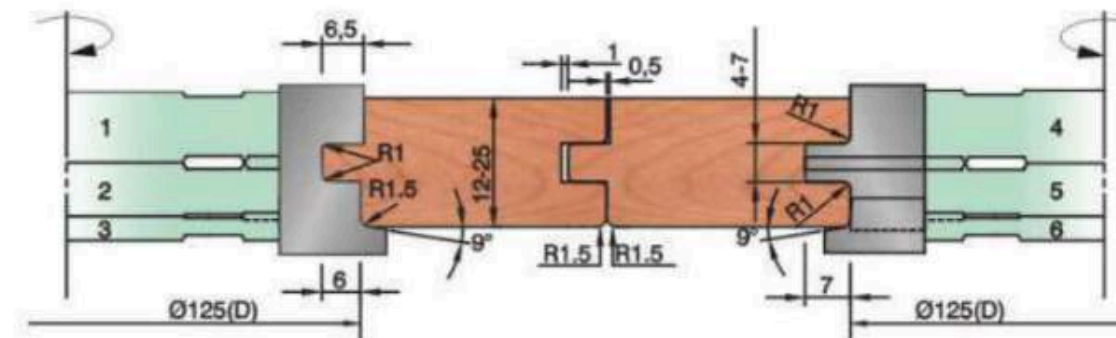
TF601 Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

## Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

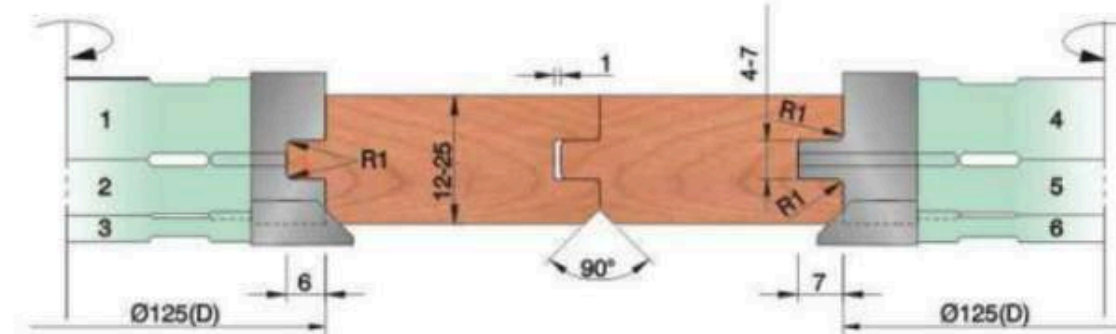
(Braze T.C.T thickness 4mm)



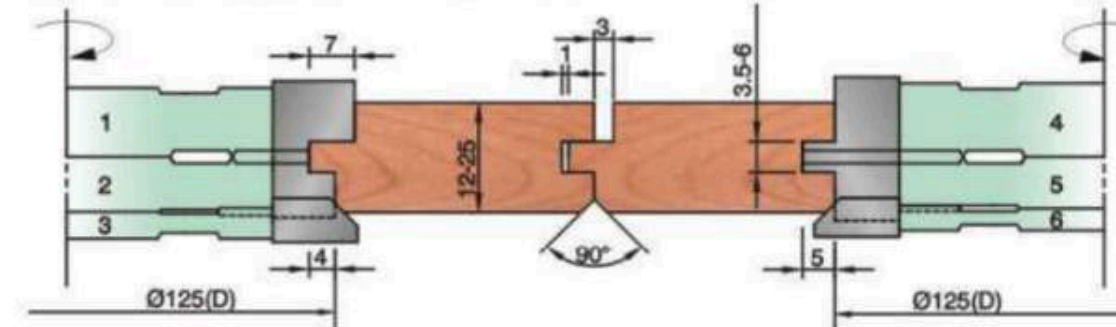
**TF601G** D125\*W12~25\*d40\*Z4/Z6 1SET/6PCS



**TF601H** D125\*W12~25\*d40\*Z4/Z6 1SET/6PCS



**TF601J** D125\*W12~25\*d40\*Z4/Z6 1SET/6PCS



TF601 Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets



(Braze T.C.T thickness 4mm)



## TF601 Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

## TF601 Carbide-Tipped Adjustable Tongue & Groove Wall Panel Cutter Sets

(Braze T.C.T thickness 4mm)



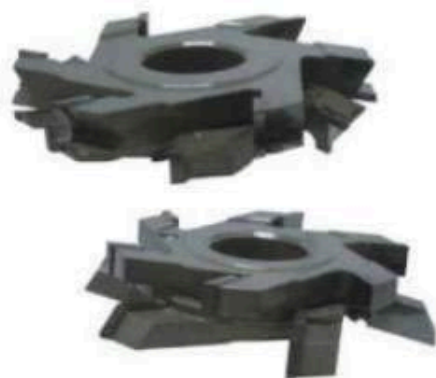
Technical drawing of a mechanical part, likely a shaft or axle, showing dimensions and material specifications. The part is symmetrical and features a central section with a 30-degree taper. Dimensions include diameters of 125(D) at the ends, a central diameter of 47.5, and various lengths and radii. The drawing is labeled with '1' and '2' on the left and '3' and '4' on the right, possibly indicating different material sections or manufacturing steps.

• Special specifications is available as per custom's order

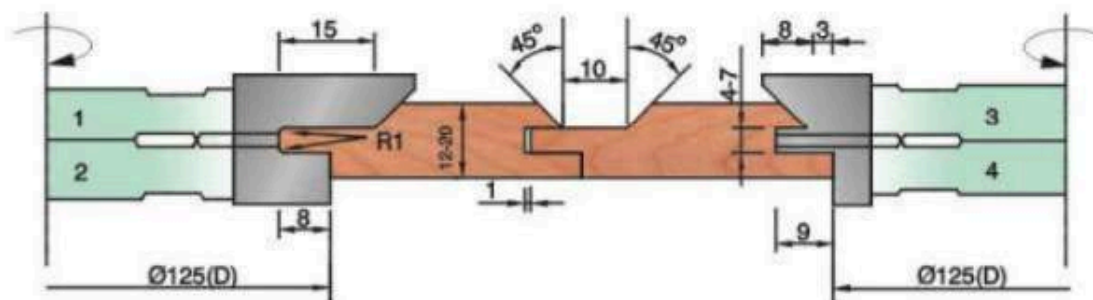


## Carbide-Tipped Adjustable Tongue & Groove Wall Panel Cutter Sets

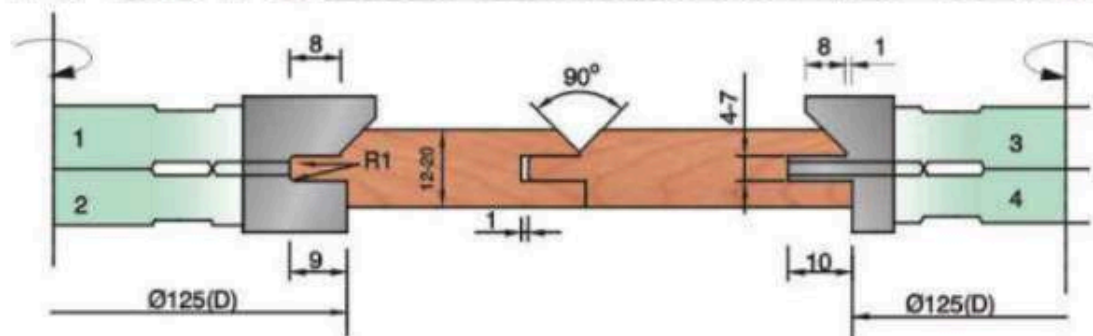
(Braze T.C.T thickness 4mm)



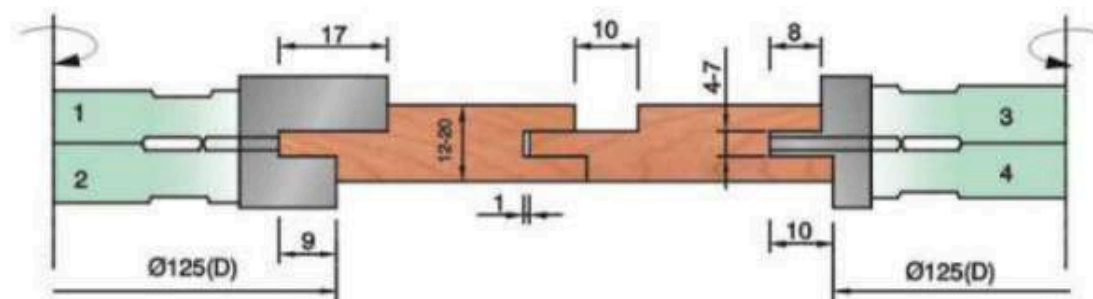
**TF601R** D125\*W12-20mm\*d40\*Z4/Z6 1SET/4PCS



**TF601S** D125\*W12-20mm\*d40\*Z4/Z6 1SET/4PCS



**TF601T** D125\*W12-20mm\*d40\*Z4/Z6 1SET/4PCS



• Special specifications is available as per custom's order

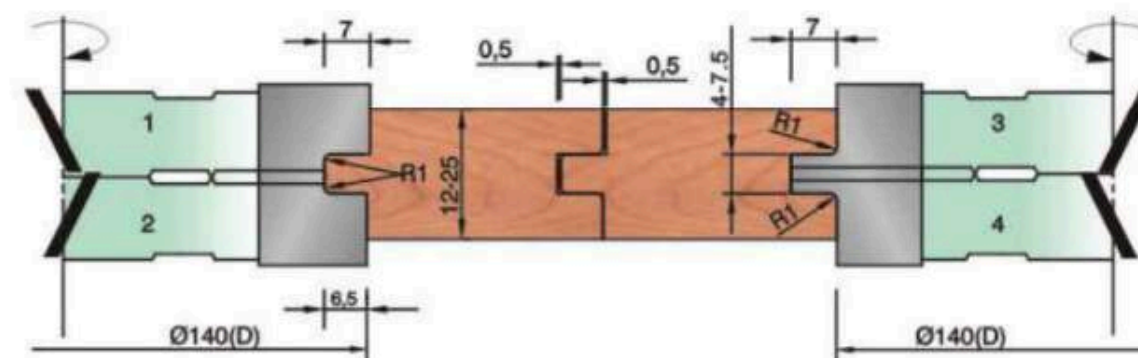
TF601 Carbide-Tipped Adjustable Tongue & Groove Wall Panel Cutter Sets

## Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

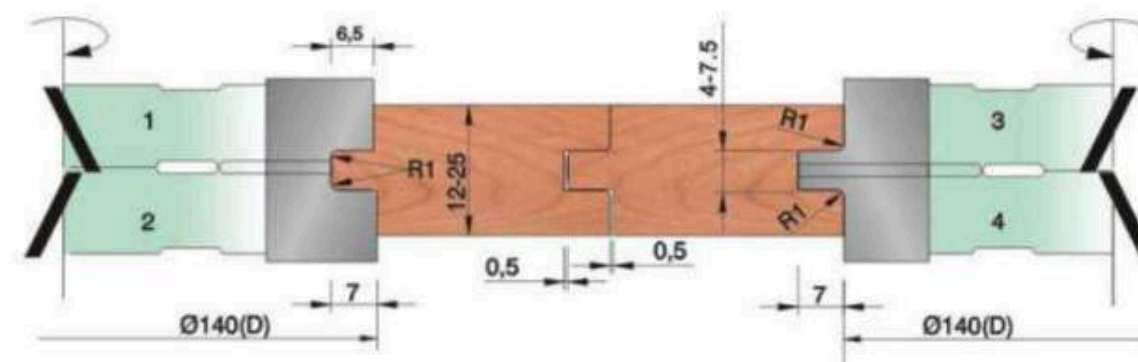
(Braze T.C.T thickness 4mm)



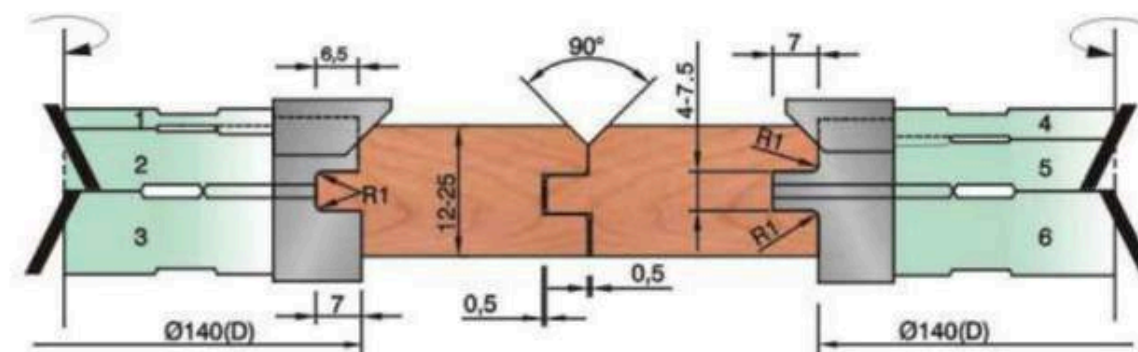
**TF601U** D140\*W12~25\*d40\*Z6/Z8 1SET/4PCS



**TF601V** D140\*W12~25\*d40\*Z6/Z8 1SET/4PCS



**TF601W** D140\*W12~25\*d40\*Z6/Z8 1SET/6PCS



• Special specifications is available as per custom's order

TF601 Carbide-Tipped Adjustable Tongue & Groove Flooring Cutter Sets

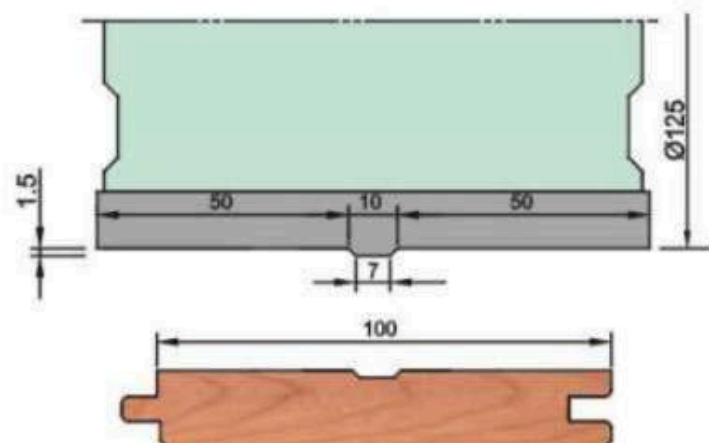


# Grooving Cutters For Flooring

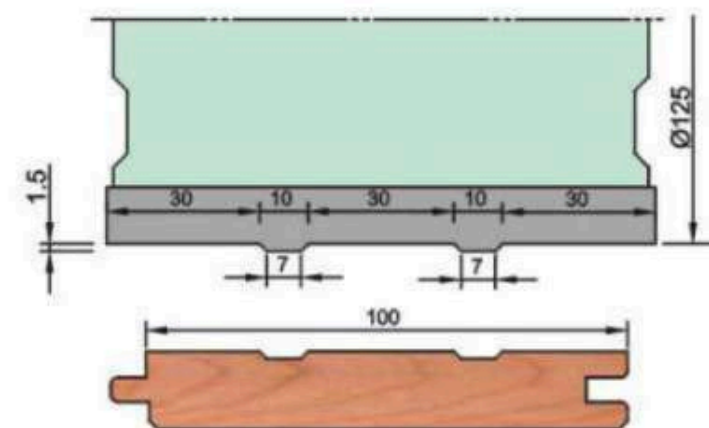
(Brazed T.C.T thickness 4mm)



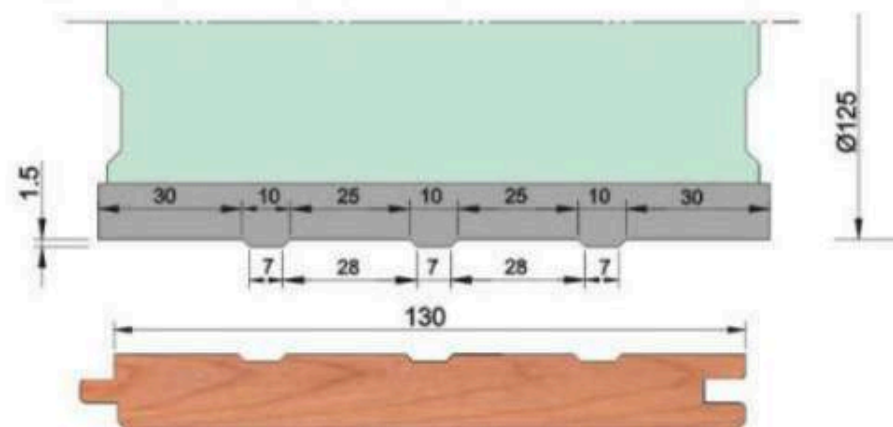
## TF602D D125\*d40\*Z4



## TF602E D125\*d40\*Z4



## TF602F D125\*d40\*Z4



• Special specifications is available as per custom's order

## TF602 Grooving Cutters For Flooring

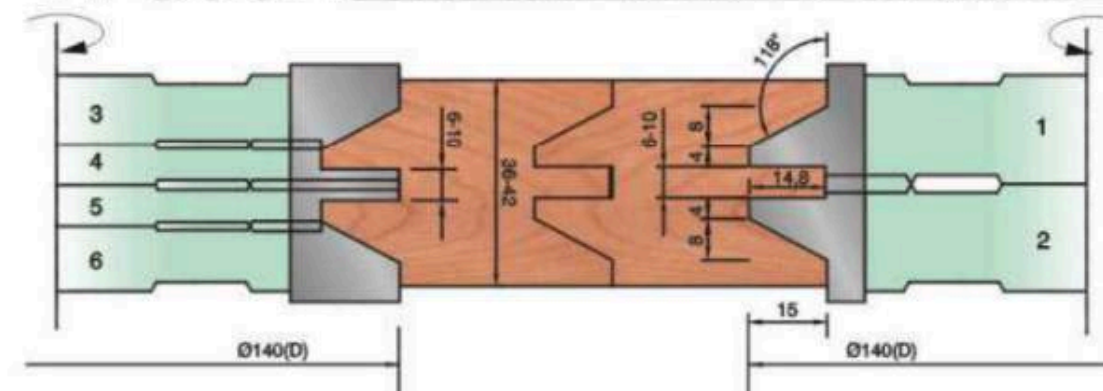
## TF603 Carbide-Tipped Adjustable Stile & Rail Exterior Door Cutter Sets

# Carbide-Tipped Adjustable Stile & Rail Exterior Door Cutter Sets

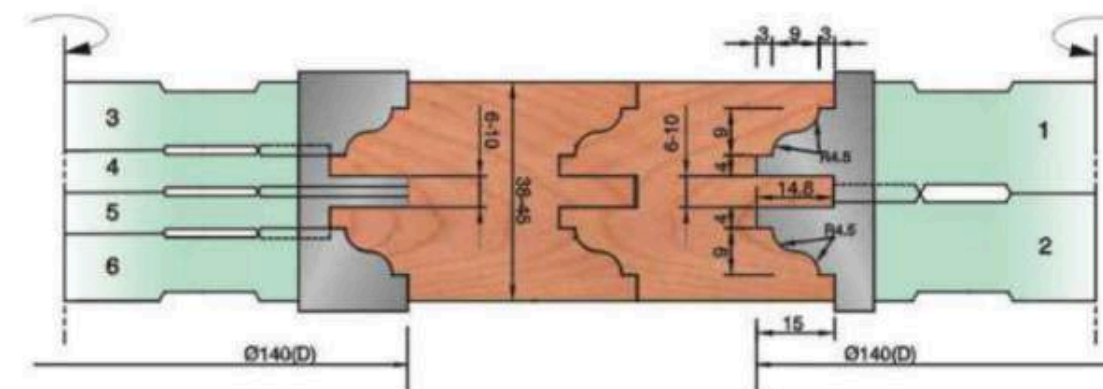
(Brazed T.C.T thickness 4mm)



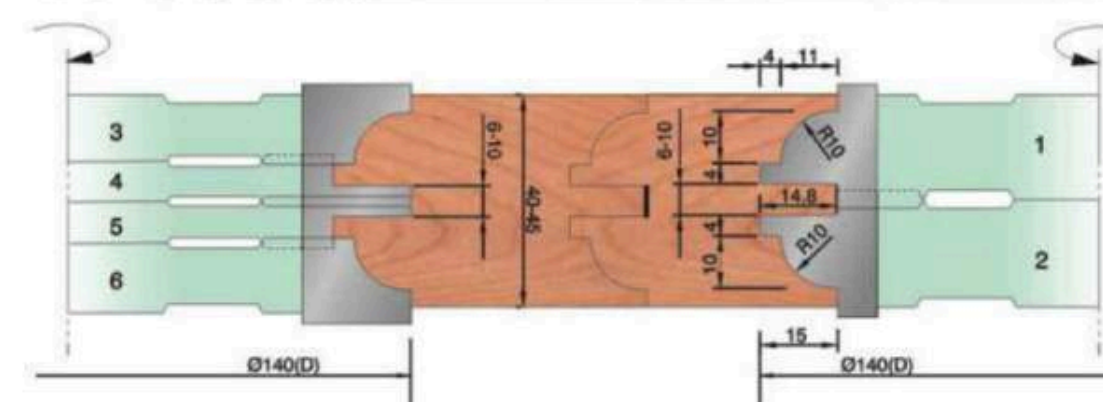
## TF603A D140\*W36~42\*d40\*Z4 1SET/6PCS



## TF603B D140\*W38~45\*d40\*Z4 1SET/6PCS



## TF603C D140\*W40~45\*\*d40\*Z4 1SET/6PCS



• Special specifications is available as per custom's order.

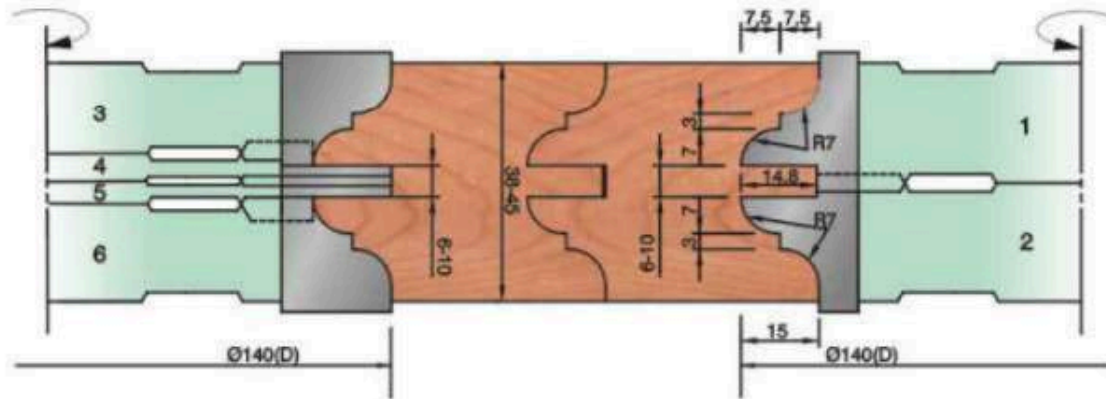


## Carbide-Tipped Adjustable Stile & Rail Exterior Door Cutter Sets

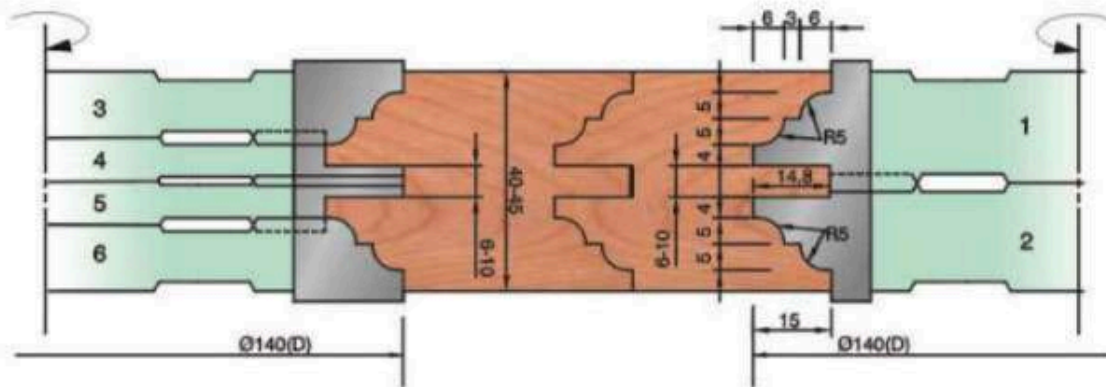
(Braze T.C.T thickness 4mm)



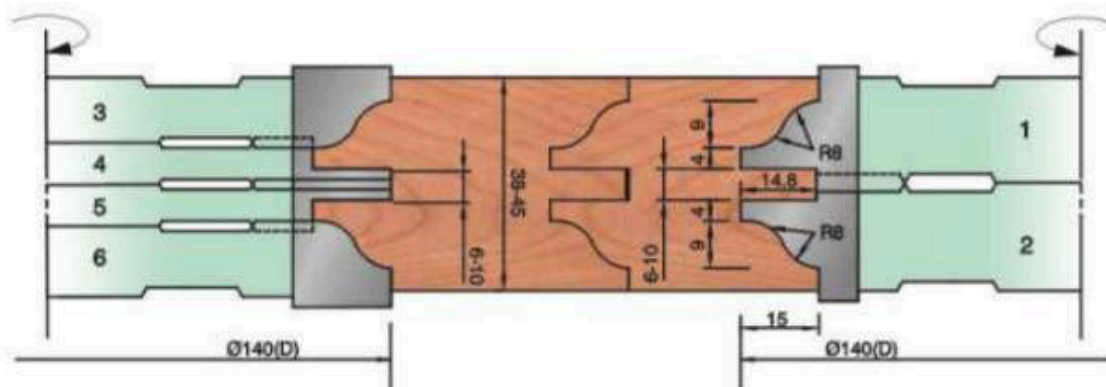
**TF603D** D140\*W38~45\*d40\*Z4 1SET/6PCS



**TF603E** D140\*W40~45\*d40\*Z4 1SET/6PCS



**TF603F** D140\*W38~45\*d40\*Z4 1SET/6PCS



• Special specifications is available as per custom's order

TF603 Carbide-Tipped Adjustable Stile & Rail Exterior Door Cutter Sets

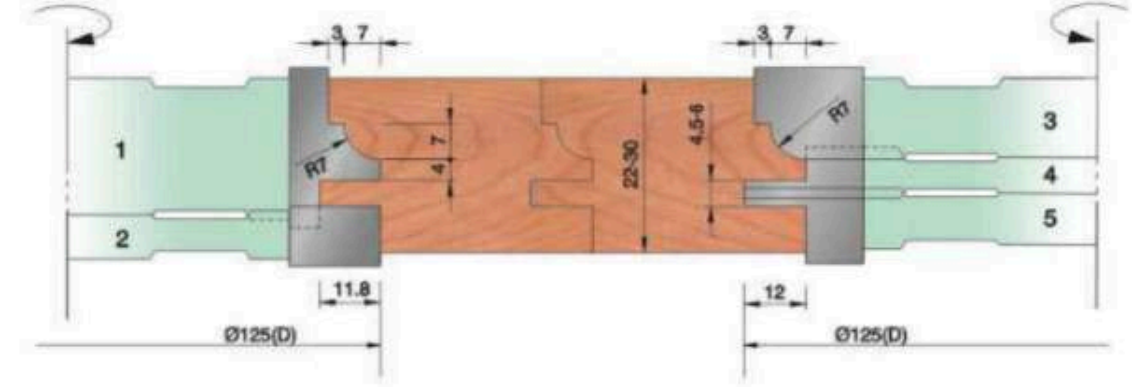
TF605 Carbide-Tipped Adjustable Stile & Rail Cabinet Door Cutter Sets

## Carbide-Tipped Adjustable Stile & Rail Cabinet Door Cutter Sets

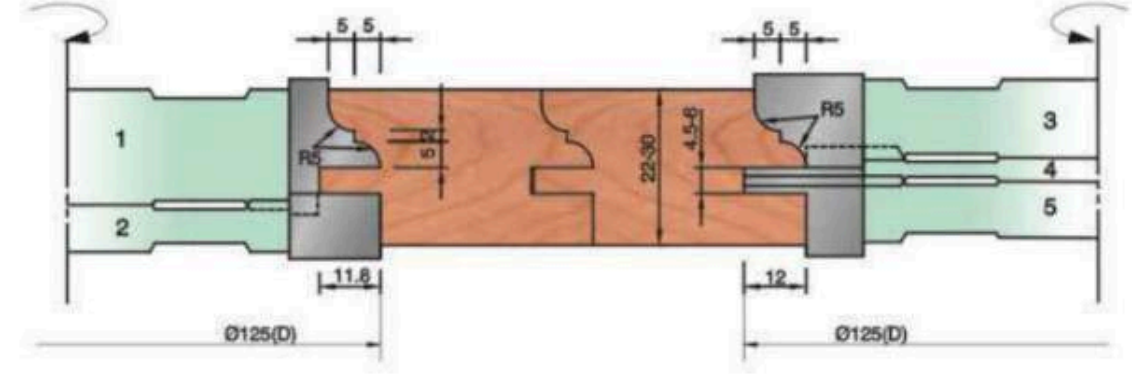
(Braze T.C.T thickness 4mm)



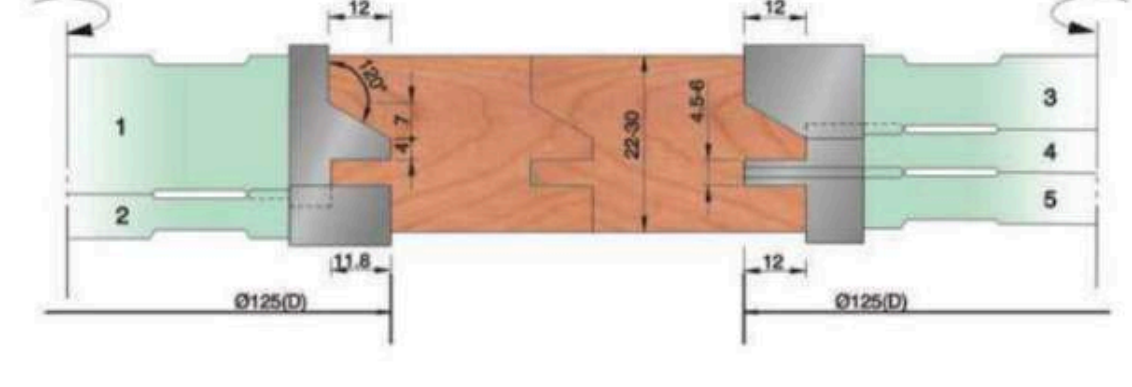
**TF605A** D125\*W22~30\*d30\*Z4 1SET/5PCS



**TF605B** D125\*W22~30\*d30\*Z4 1SET/5PCS



**TF605C** D125\*W22~30\*d30\*Z4 1SET/5PCS



• Special specifications is available as per custom's order.

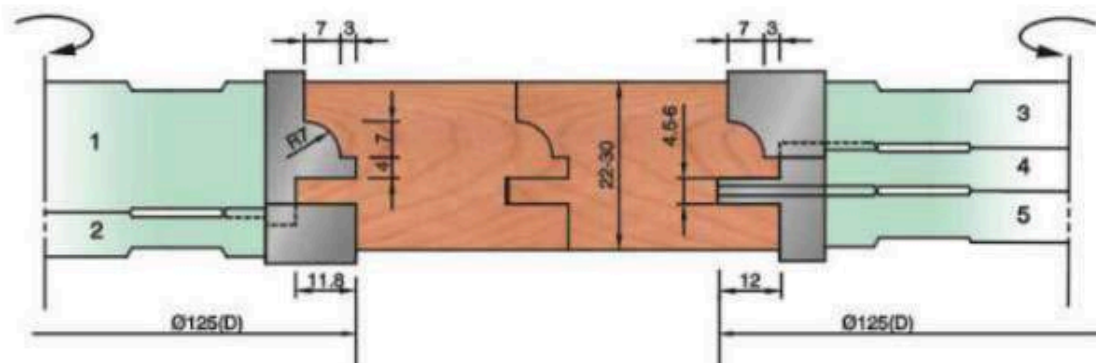


## Carbide-Tipped Adjustable Stile & Rail Cabinet Door Cutter Sets

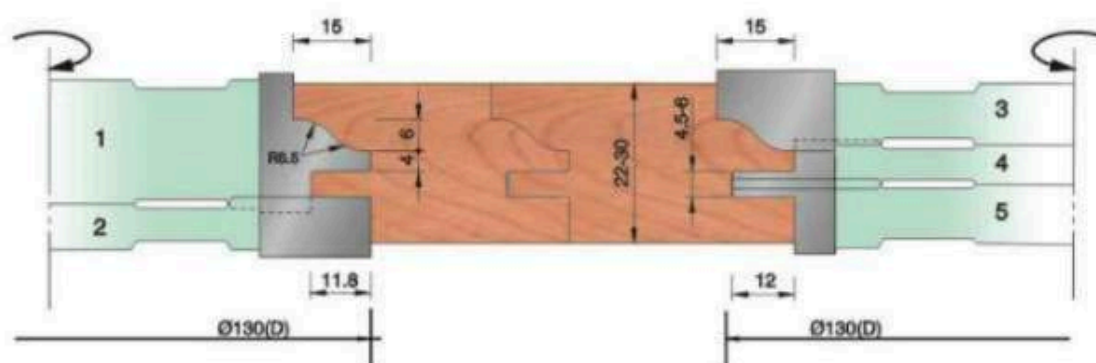
(Braze T.C.T thickness 4mm)



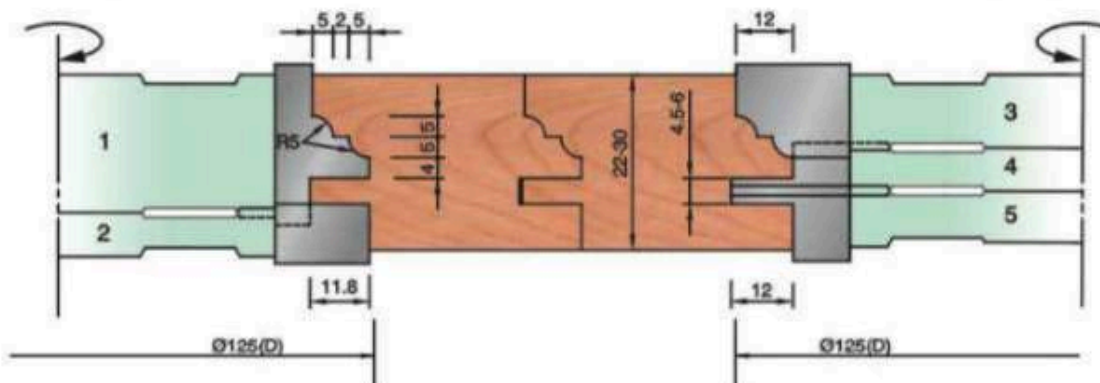
**TF605D** D125\*W22~30\*d30\*Z4 1SET/5PCS



**TF605E** D130\*W22~30\*d30\*Z4 1SET/5PCS



**TF605F** D125\*W22~30\*d30\*Z4 1SET/5PCS



• Special specifications is available as per custom's order.

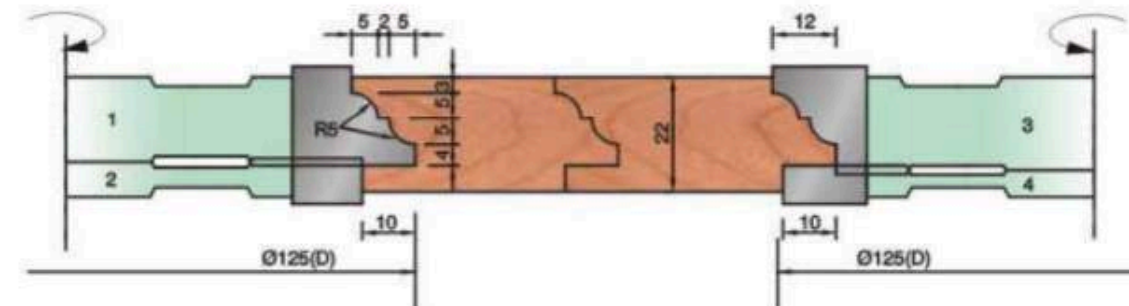
TF605 Carbide-Tipped Adjustable Stile & Rail Cabinet Door Cutter Sets

## Carbide-Tipped Adjustable Stile & Rail Glass Door & Mullion Shaper Cutter Sets

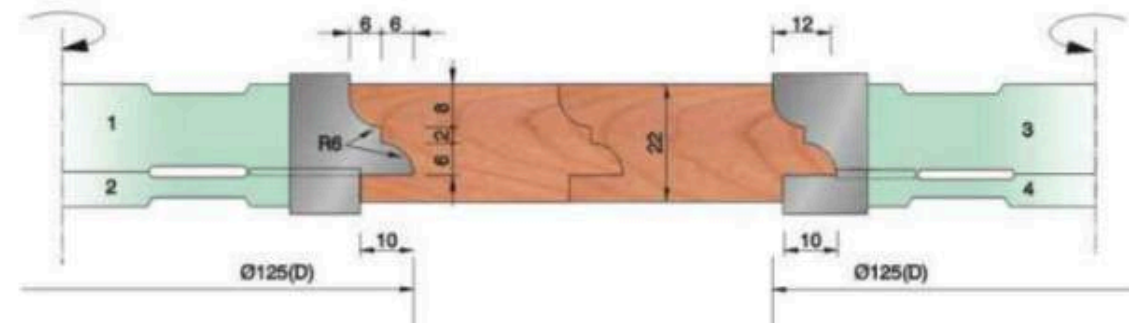
(Braze T.C.T thickness 4mm)



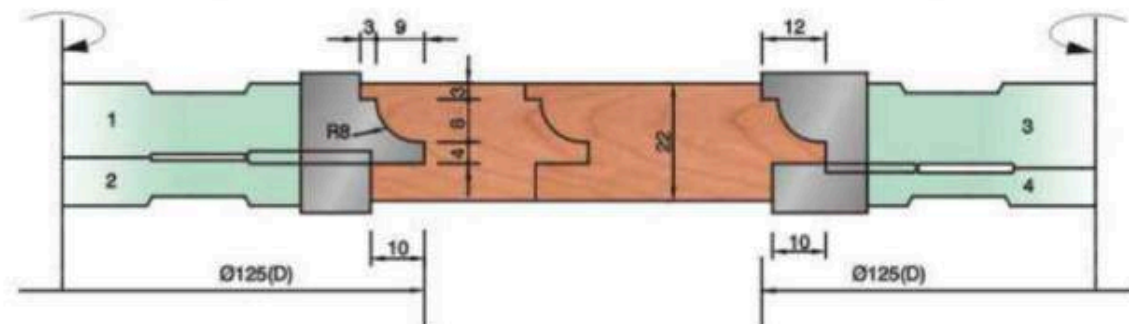
**TF606A** D125\*W22\*d30\*Z4 1SET/4PCS



**TF606B** D125\*W22\*d30\*Z4 1SET/4PCS



**TF606C** D125\*W22\*d30\*Z4 1SET/4PCS



• Special specifications is available as per custom's order.

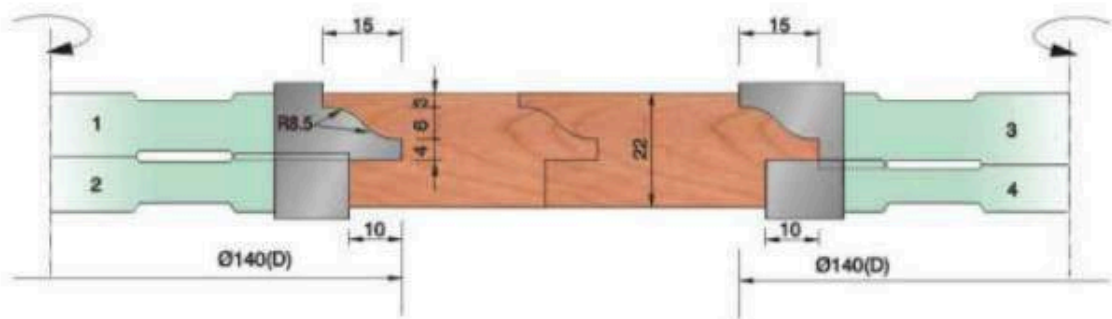
TF606 Carbide-Tipped Adjustable Stile & Rail Glass Door & Mullion Shaper Cutter Sets



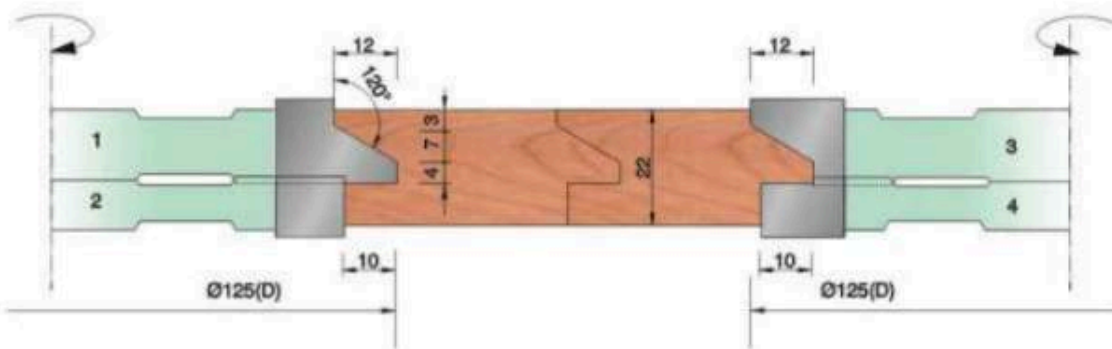
(Braze T.C.T thickness 4mm)



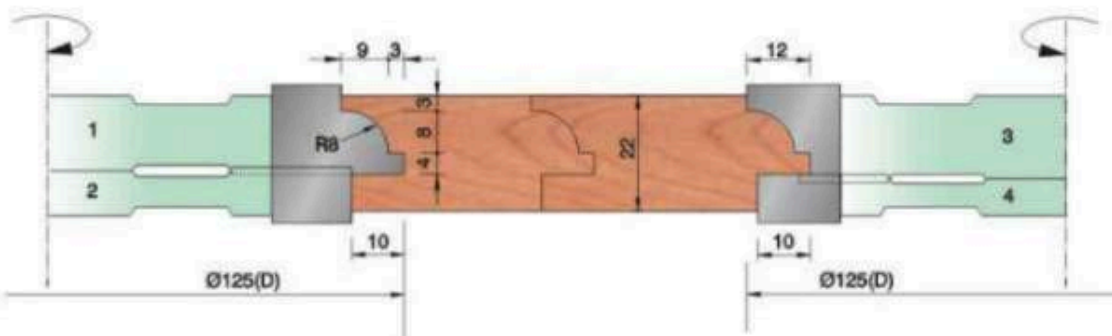
**TF606D** D140\*W22\*d30\*Z4 1SET/4PCS



**TF606E** D125\*W22\*d30\*Z4 1SET/4PCS



**TF606F** D125\*W22\*d30\*Z4 1SET/4PCS



• Special specifications is available as per custom's order.

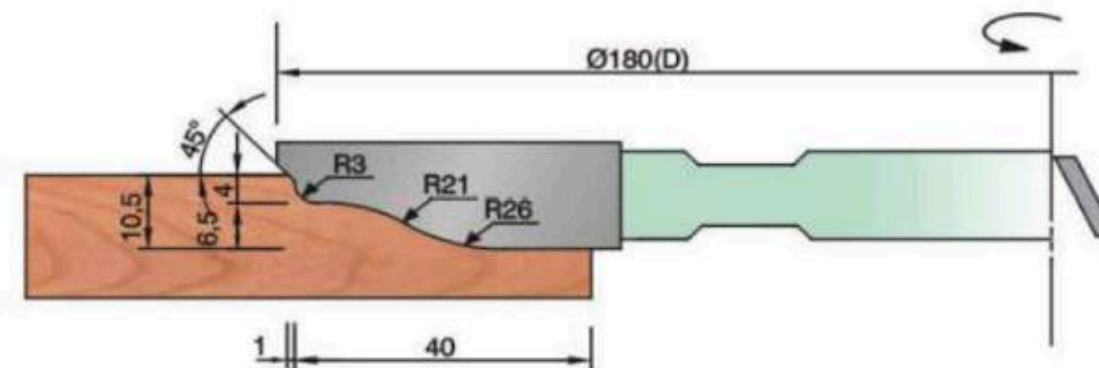
## TF606 Carbide-Tipped Adjustable Stile & Rail Glass Door & Mullion Shaper Cutter Sets

## TF608 Carbide-Tipped Raised Panel Shaper Cutters

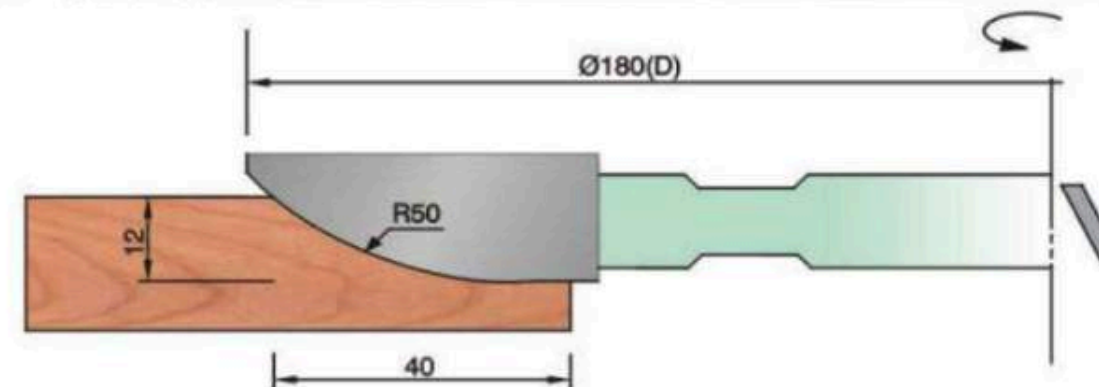
(Brazed T.C.T thickness 4mm)



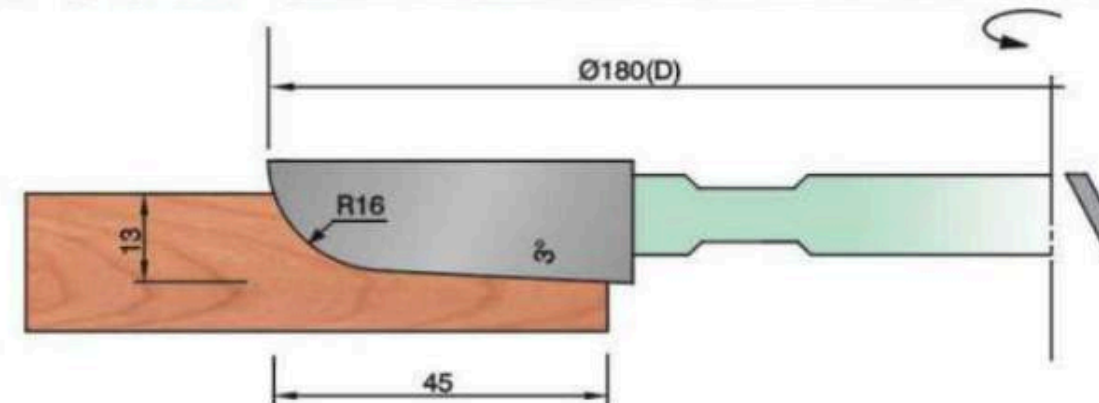
**TF608D** D180\*d30\*Z4/Z6



**TF608E** D180\*d30\*Z4/Z6



**TF608F** D180\*d30\*Z4/Z6



- Special specifications is available as per custom's order.

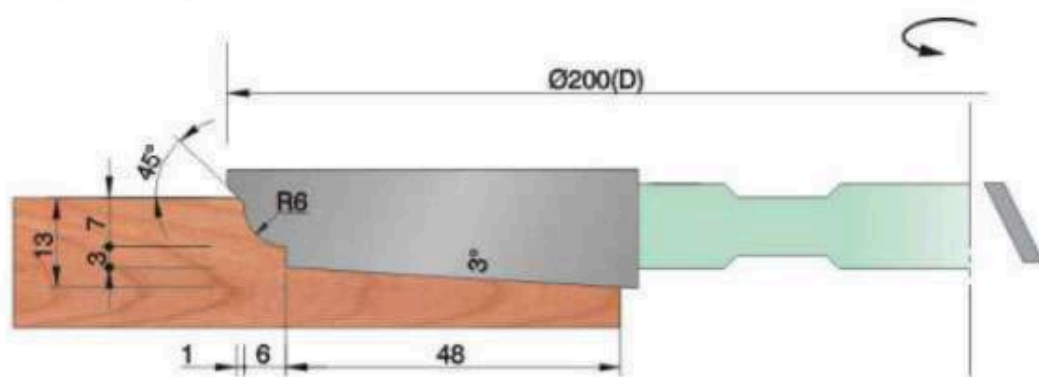


## Carbide-Tipped Raised Panel Shaper Cutters

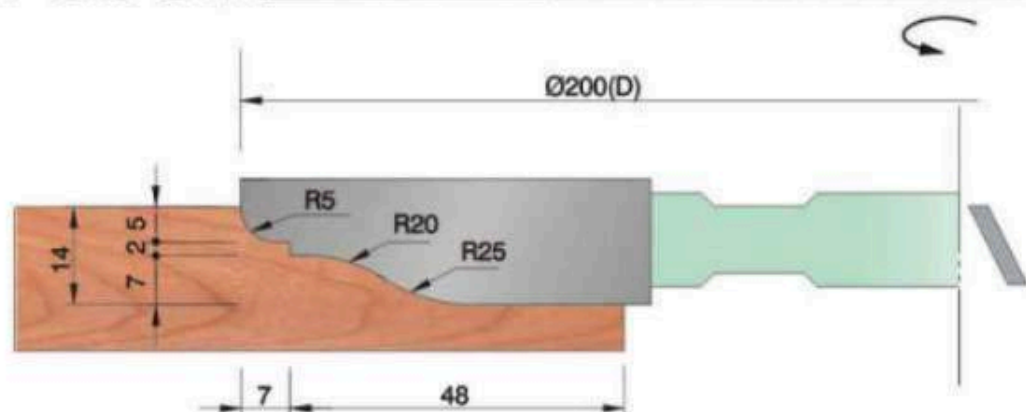
(Brazed T.C.T thickness 4mm)



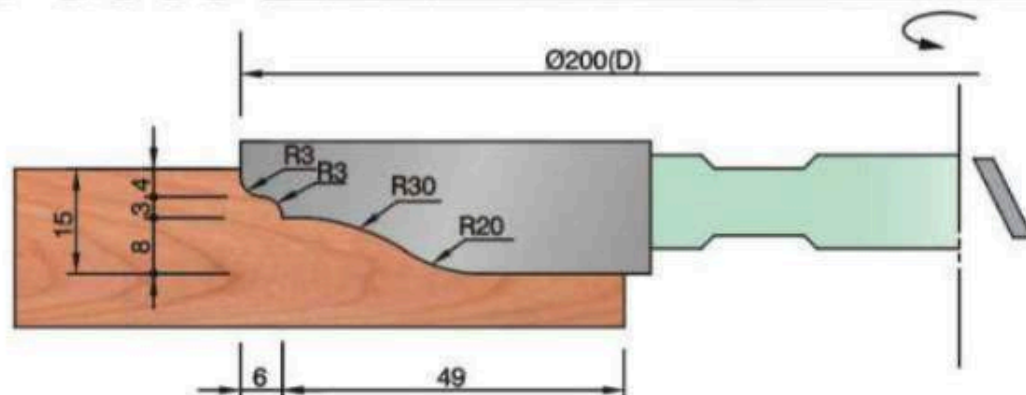
**TF608G** D200\*d30\*Z4/Z6



**TF608H** D200\*d30\*Z4/Z6



**TF608J** D200\*d30\*Z4/Z6



• Special specifications is available as per custom's order.

TF608 Carbide-Tipped Raised Panel Shaper Cutters

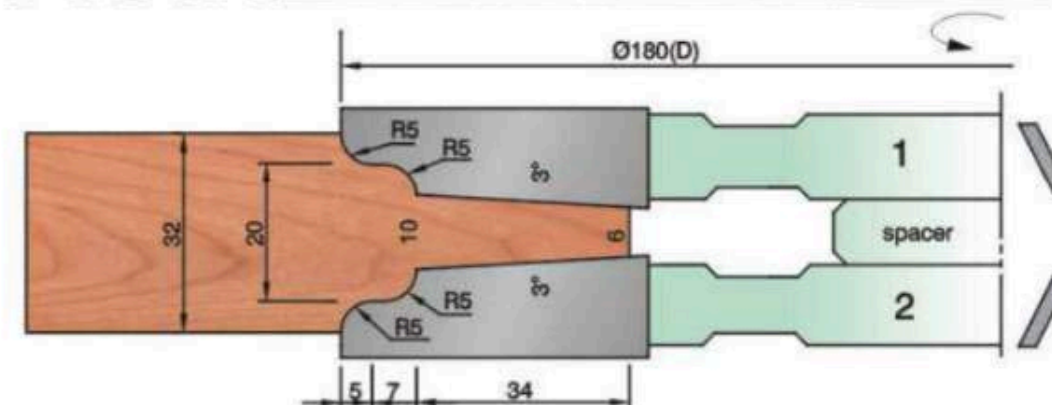
TF609 Carbide-Tipped Raised Panel Shaper Cutter Sets

## Carbide-Tipped Raised Panel Shaper Cutter Sets

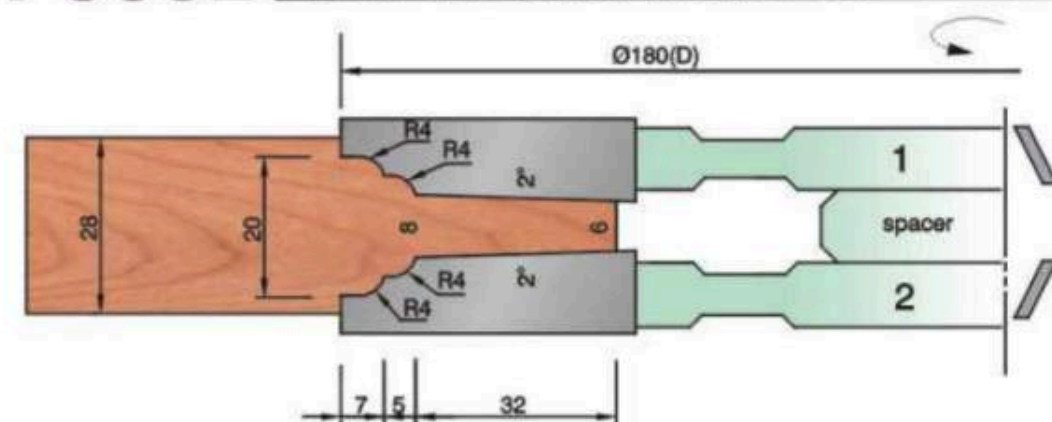
(Brazed T.C.T thickness 4mm)



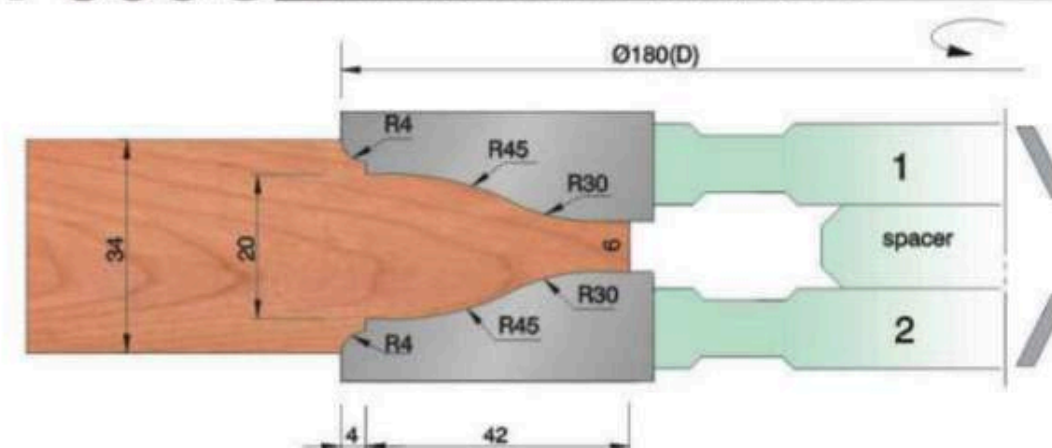
**TF609A** D180\*d30\*Z4/Z6 1SET/2PCS



**TF609B** D180\*d30\*Z4/Z6 1SET/2PCS



**TF609C** D180\*d30\*Z4/Z6 1SET/2PCS



• Special specifications is available as per custom's order.

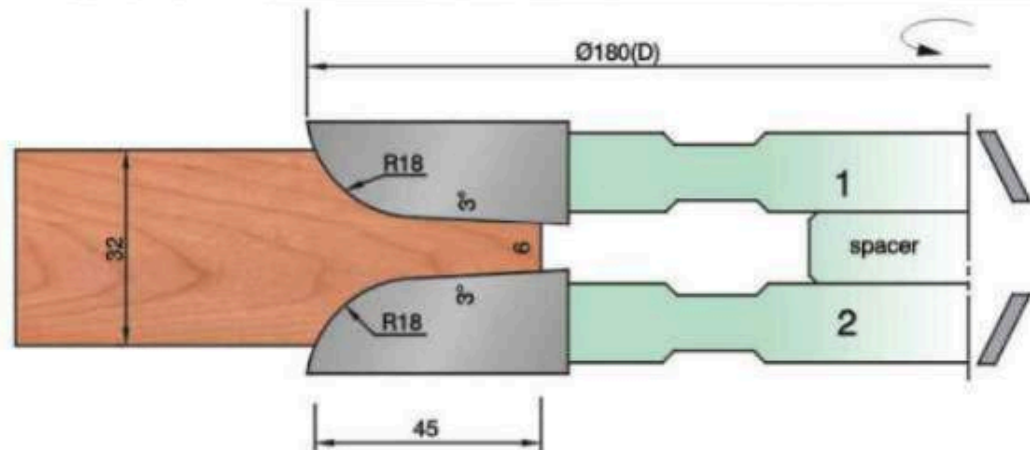


## Carbide-Tipped Raised Panel Shaper Cutter Sets

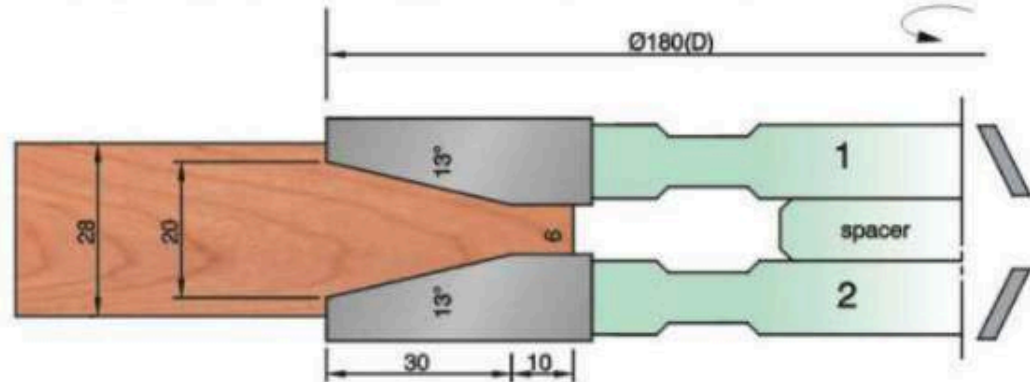
(Braze T.C.T thickness 4mm)



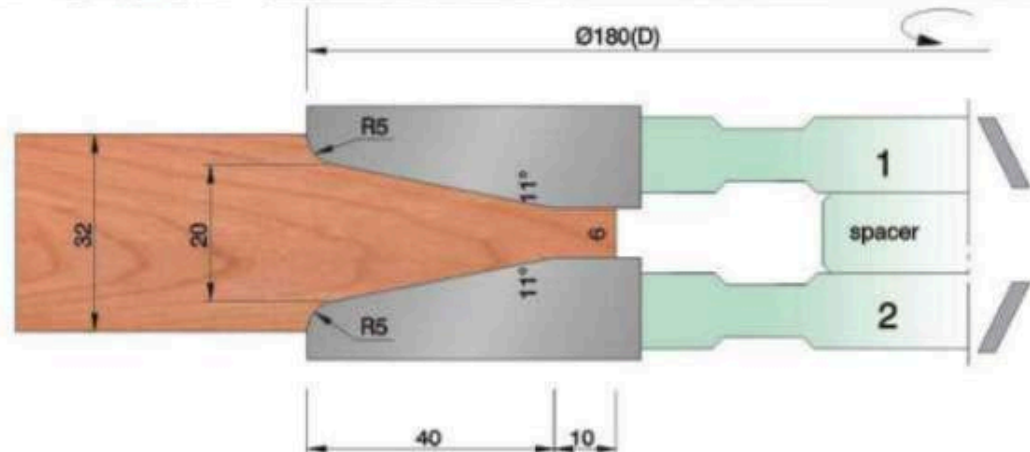
**TF609D** D180\*d30\*Z4/Z6 1SET/2PCS



**TF609E** D180\*d30\*Z4/Z6 1SET/2PCS



**TF609F** D180\*d30\*Z4/Z6 1SET/2PCS



• Special specifications is available as per custom's order.

TF609

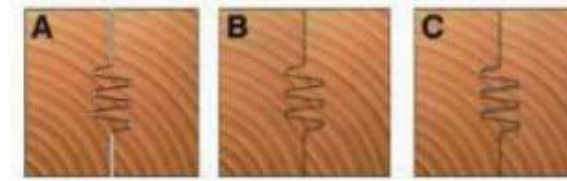
Carbide-Tipped Raised Panel Shaper Cutter Sets

TF610

Carbide-Tipped Finger Joint Shaper Cutters

## Carbide-Tipped Finger Joint Shaper Cutters

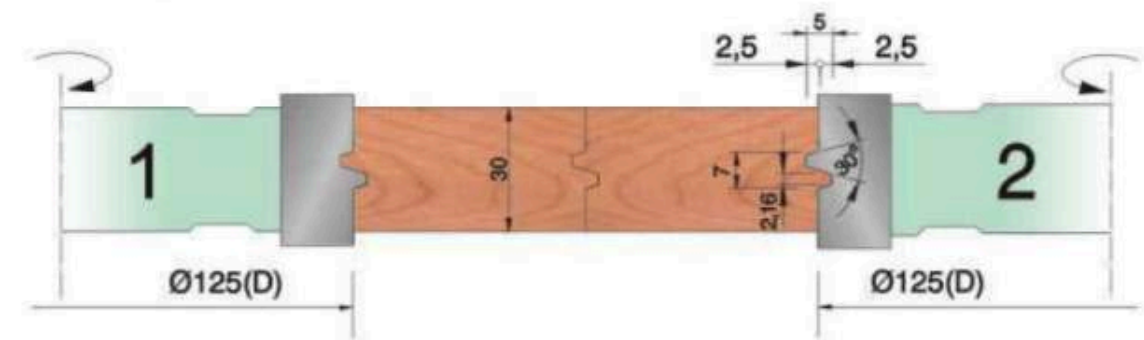
(Braze T.C.T thickness 4mm)



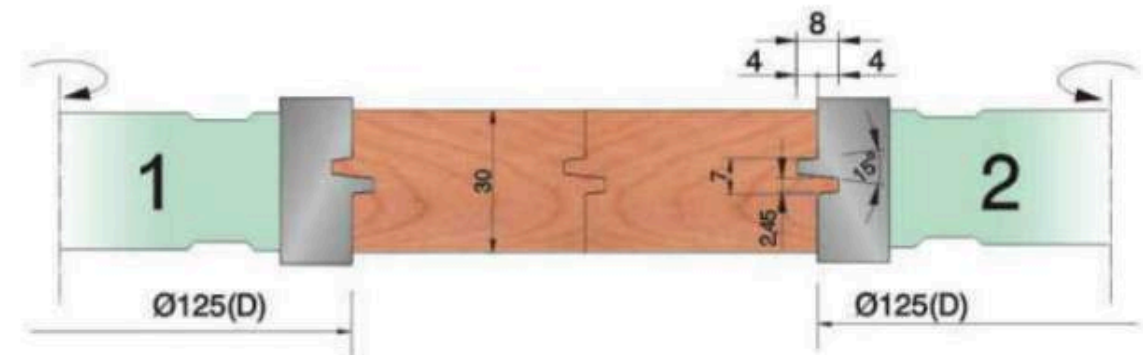
• Tight joint • Regular joint • Loose joint



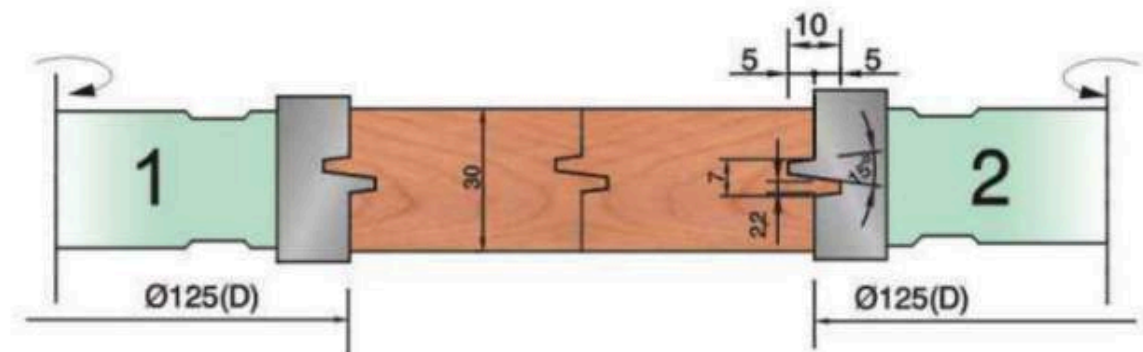
**TF610A** D125\*d30\*Z4 1SET/2PCS



**TF610B** D125\*d30\*Z4 1SET/2PCS



**TF610C** D125\*d30\*Z4 1SET/2PCS

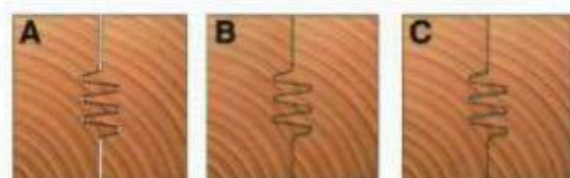


• Special specifications is available as per custom's order

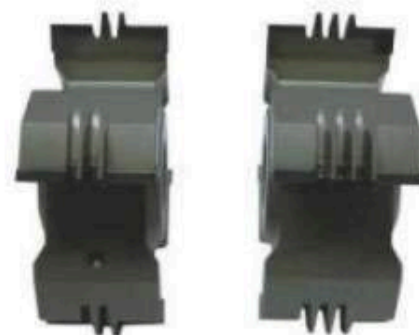


## Carbide-Tipped Finger Joint Shaper Cutters

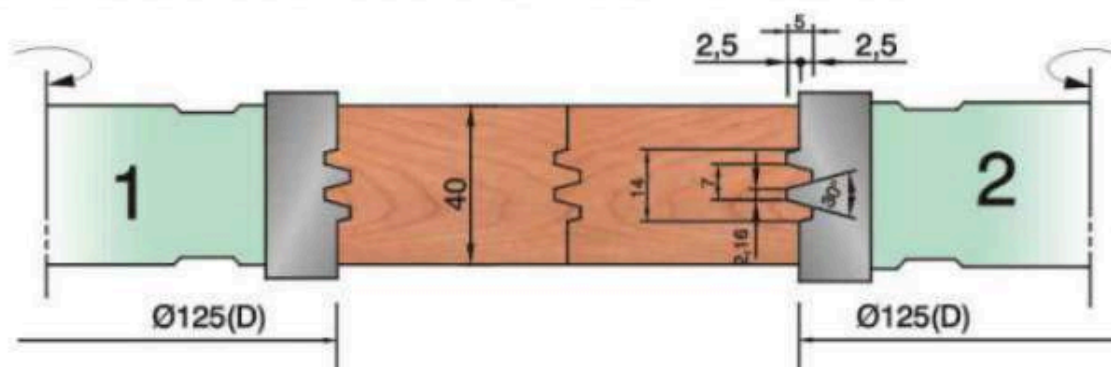
(Braze T.C.T thickness 4mm)



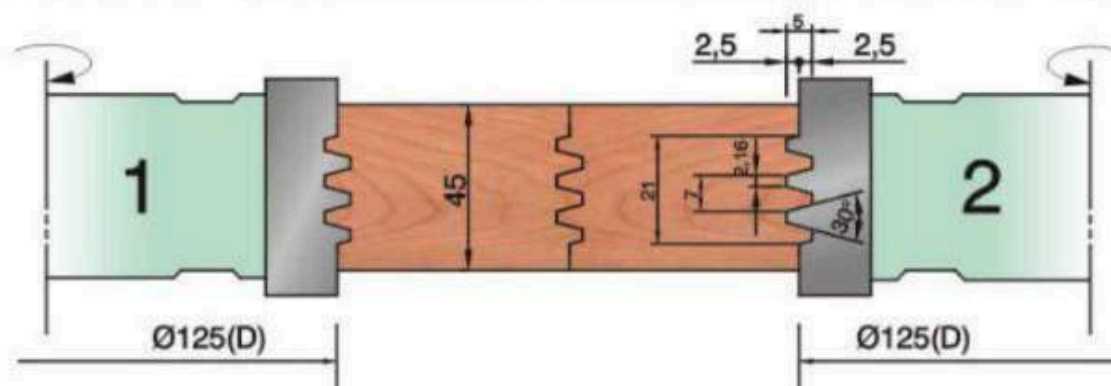
• Tight joint • Regular joint • Loose joint



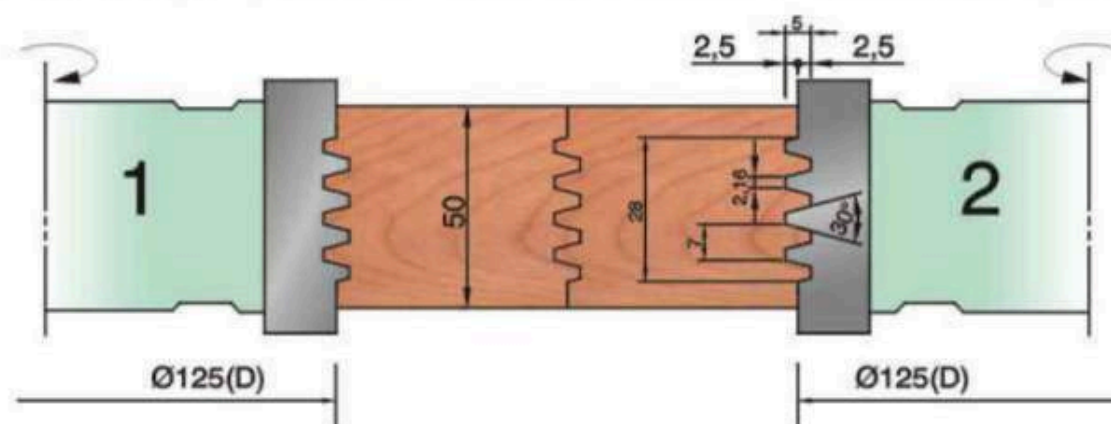
**TF610D** D125\*W40\*d30\*Z4 1SET/2PCS



**TF610E** D125\*W45\*d30\*Z4 1SET/2PCS



**TF610F** D125\*W50\*d30\*Z4 1SET/2PCS

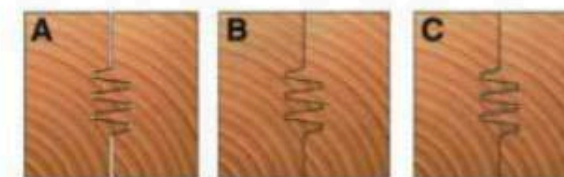


\* Special specifications is available as per custom's order

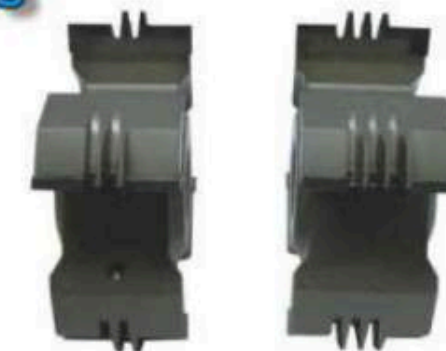
TF610 Carbide-Tipped Finger Joint Shaper Cutters

## Carbide-Tipped Finger Joint Shaper Cutters

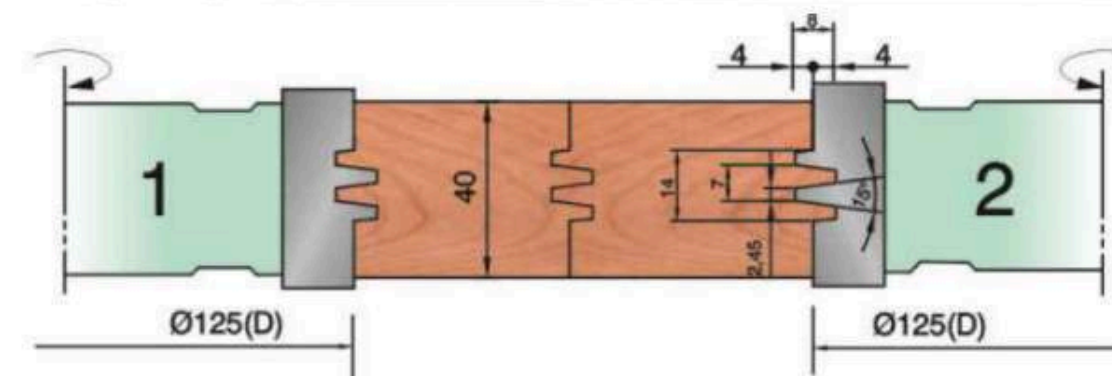
(Braze T.C.T thickness 4mm)



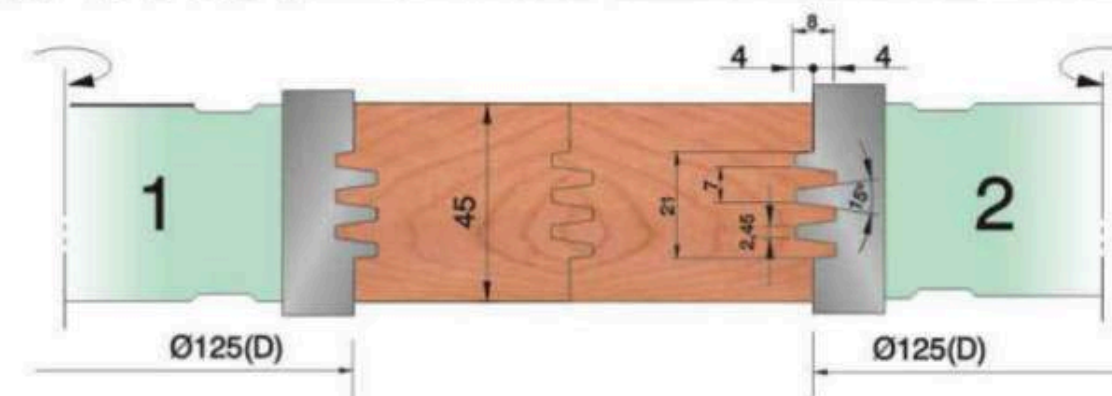
• Tight joint • Regular joint • Loose joint



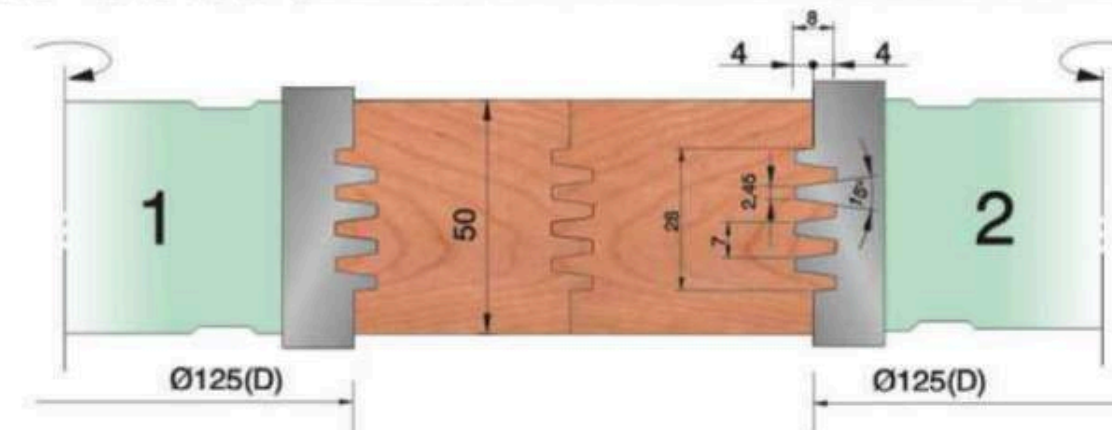
**TF610G** D125\*W40\*d30\*Z4 1SET/2PCS



**TF610H** D125\*W45\*d30\*Z4 1SET/2PCS



**TF610J** D125\*W50\*d30\*Z4 1SET/2PCS



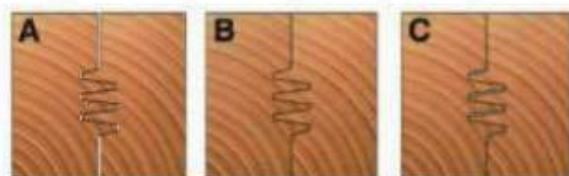
\* Special specifications is available as per custom's order

TF610 Carbide-Tipped Finger Joint Shaper Cutters

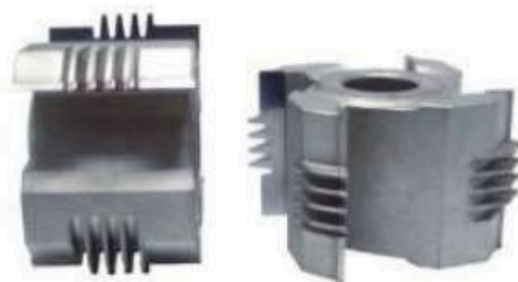


## Carbide-Tipped Finger Joint Shaper Cutters

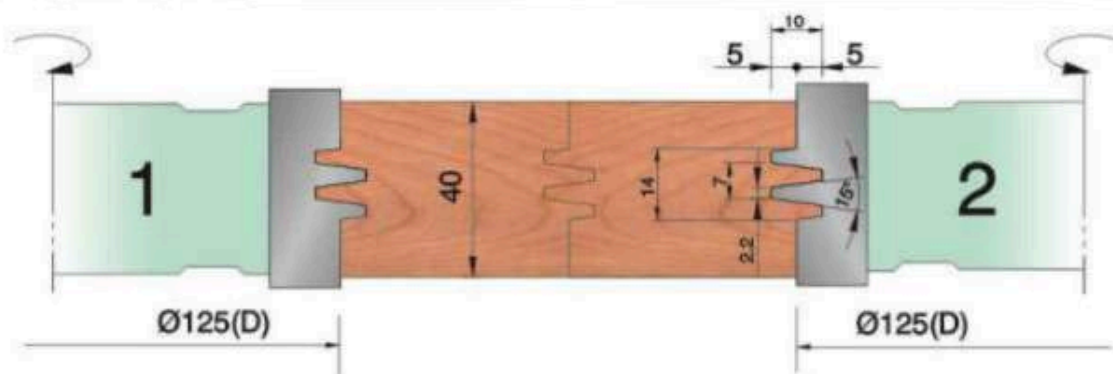
(Braze T.C.T thickness 4mm)



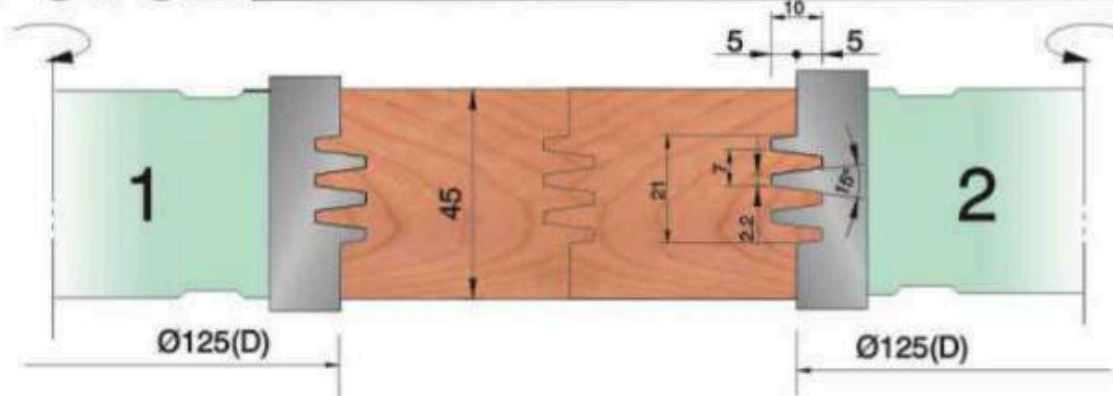
• Tight joint • Regular joint • Loose joint



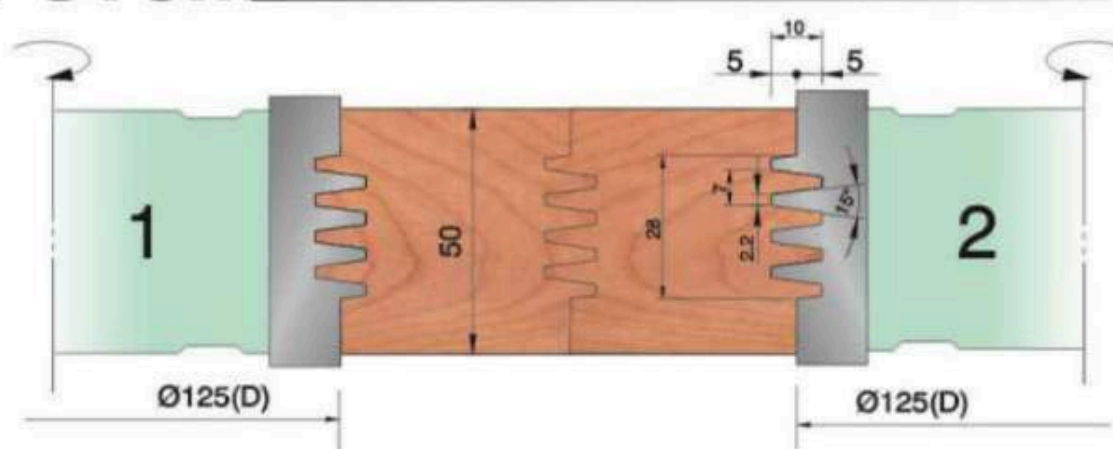
**TF610K** D125\*W40\*d30\*Z4 1SET/2PCS



**TF610L** D125\*W45\*d30\*Z4 1SET/2PCS



**TF610M** D125\*W50\*d30\*Z4 1SET/2PCS

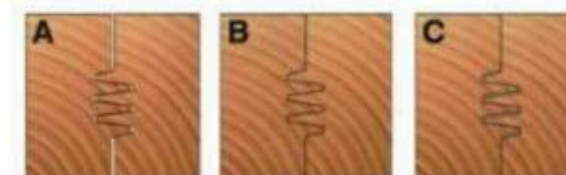


• Special specifications is available as per custom's order

TF610 Carbide-Tipped Finger Joint Shaper Cutters

## Carbide-Tipped Finger Joint Shaper Cutters

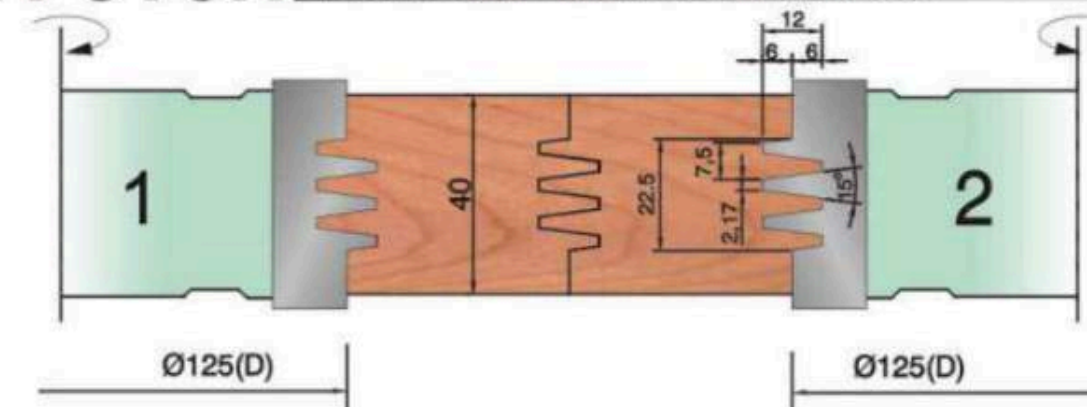
(Braze T.C.T thickness 4mm)



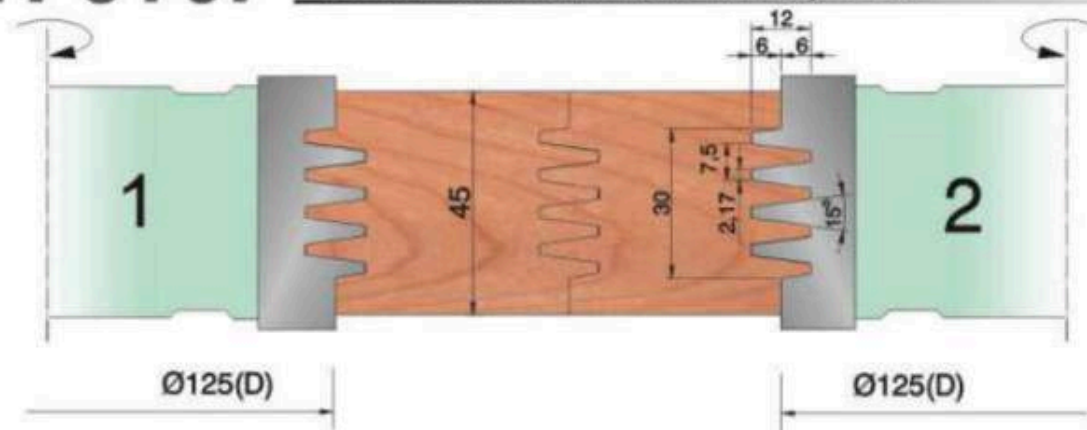
• Tight joint • Regular joint • Loose joint



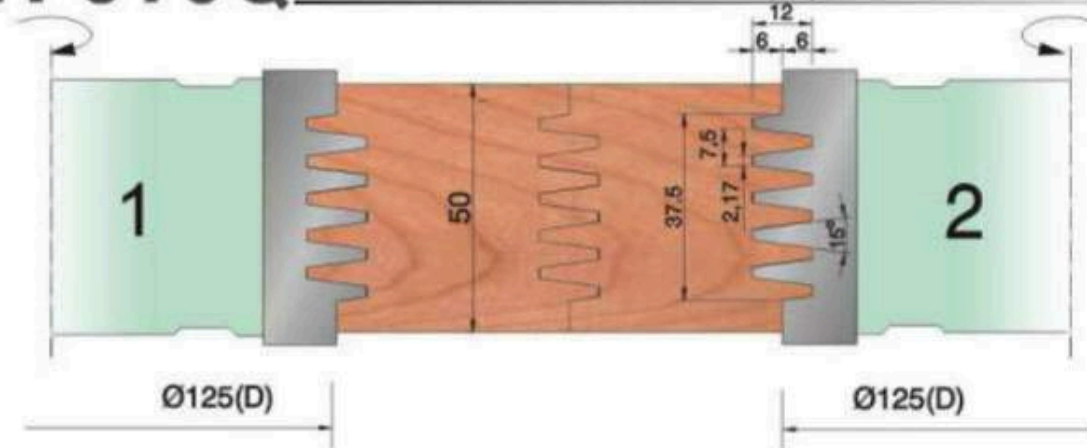
**TF610N** D125\*W40\*d30\*Z4 1SET/2PCS



**TF610P** D125\*W45\*d30\*Z4 1SET/2PCS



**TF610Q** D125\*W50\*d30\*Z4 1SET/2PCS

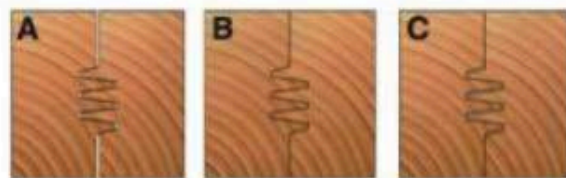


TF610 Carbide-Tipped Finger Joint Shaper Cutters

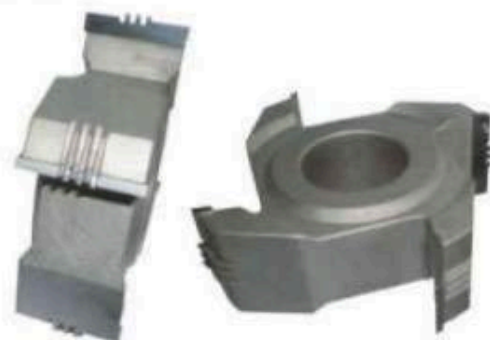


## Carbide-Tipped Finger Joint Shaper Cutters

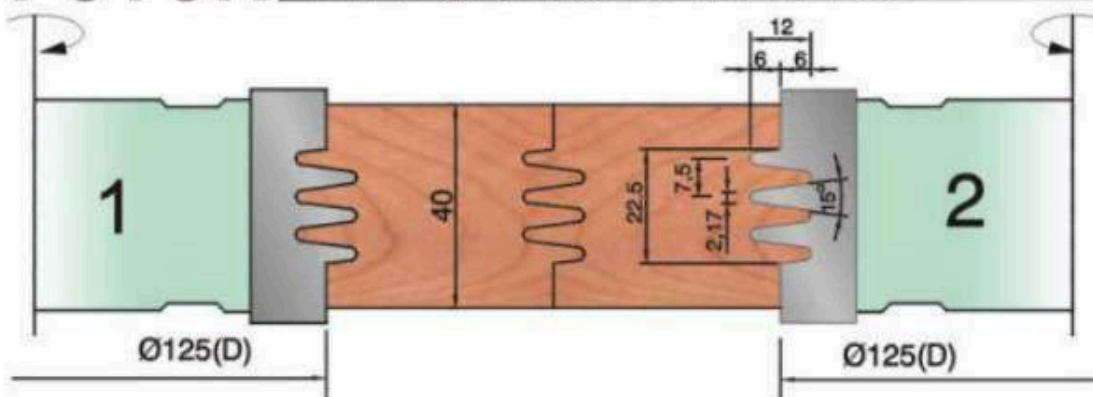
(Brazed T.C.T thickness 4mm)



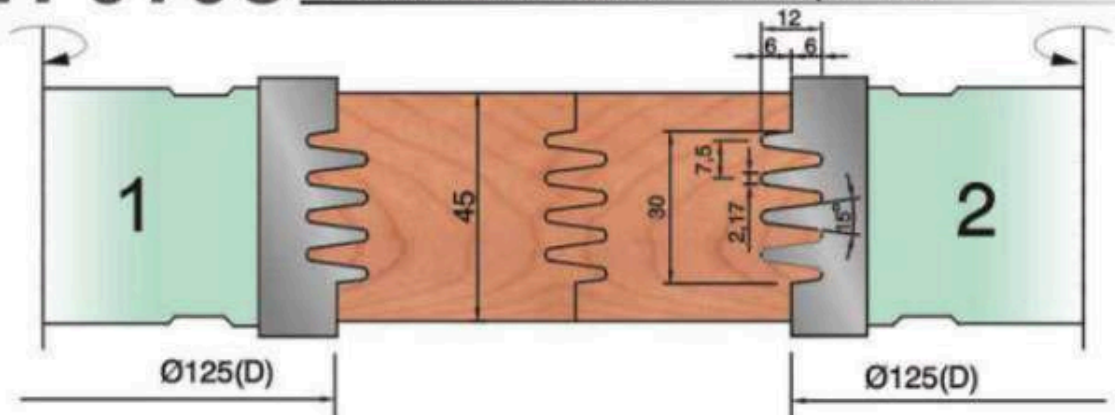
• Tight joint • Regular joint • Loose joint



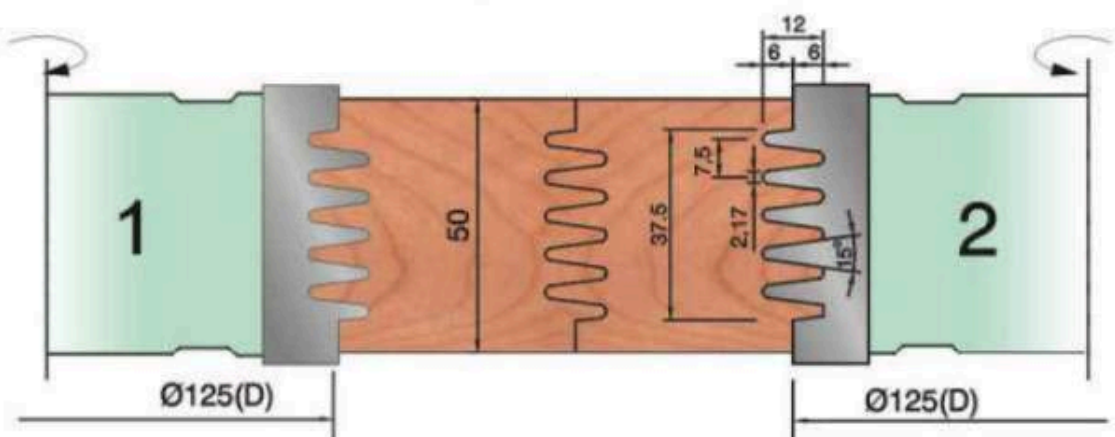
**TF610R** D125\*W40\*d30\*Z4 1SET/2PCS



**TF610S** D125\*W45\*d30\*Z4 1SET/2PCS



**TF610T** D125\*W50\*d30\*Z4 1SET/2PCS

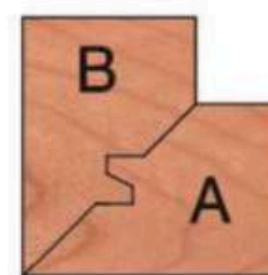
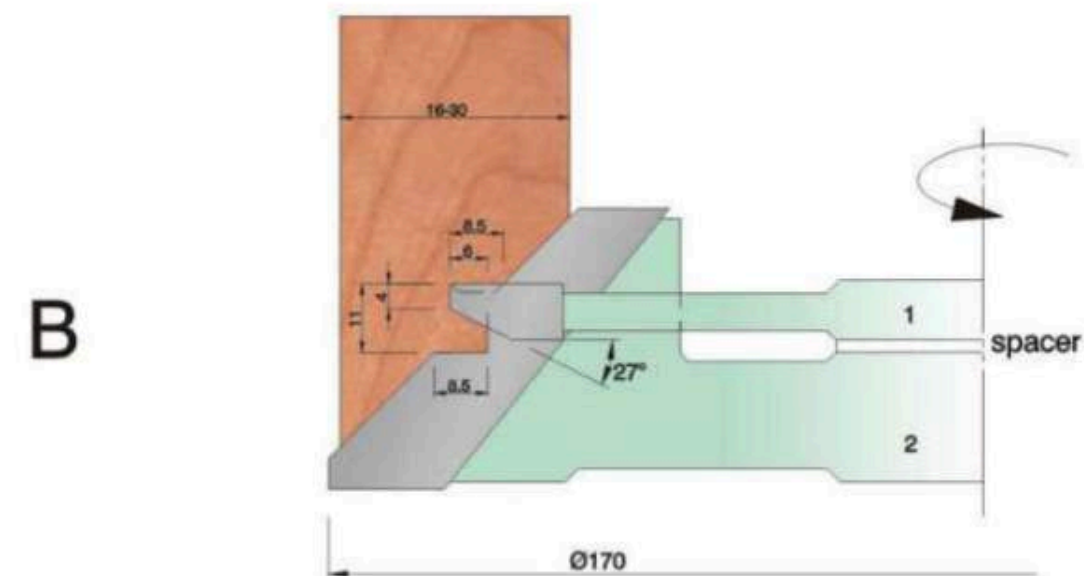
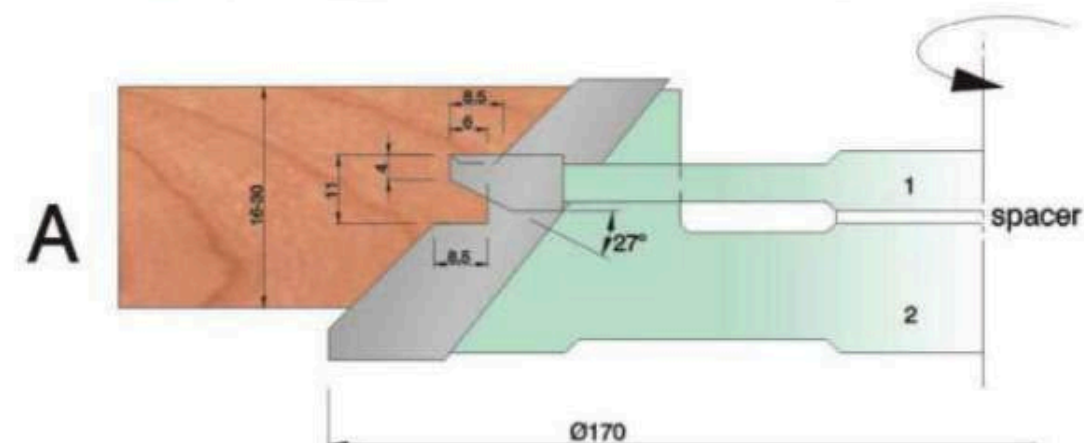


## Carbide-Tipped 45° Lock Miter Shaper Cutter Sets

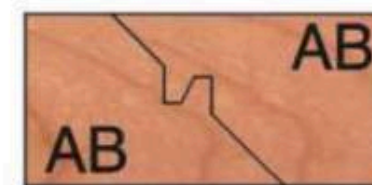
(Brazed T.C.T thickness 4mm)



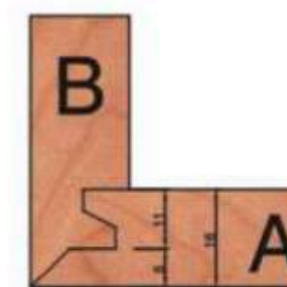
**TF612** D170\*W16-30mm \*d30\*Z4 1SET/2PCS



Simple Joint



Simple Joint



Simple Joint

TF610 Carbide-Tipped Finger Joint Shaper Cutters

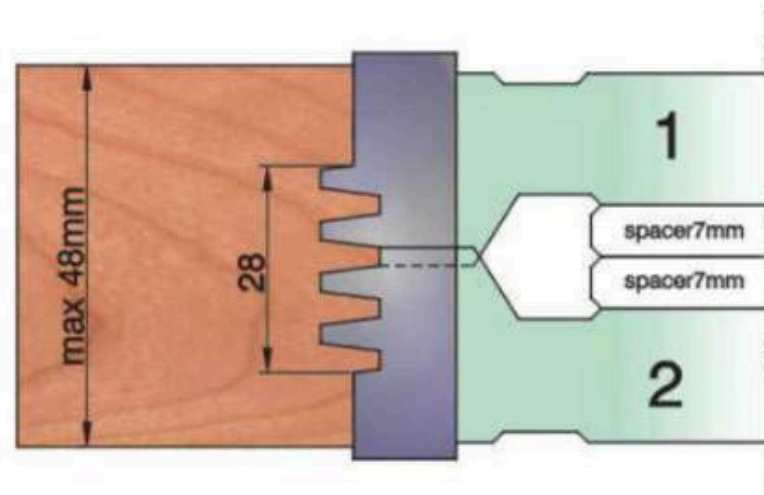
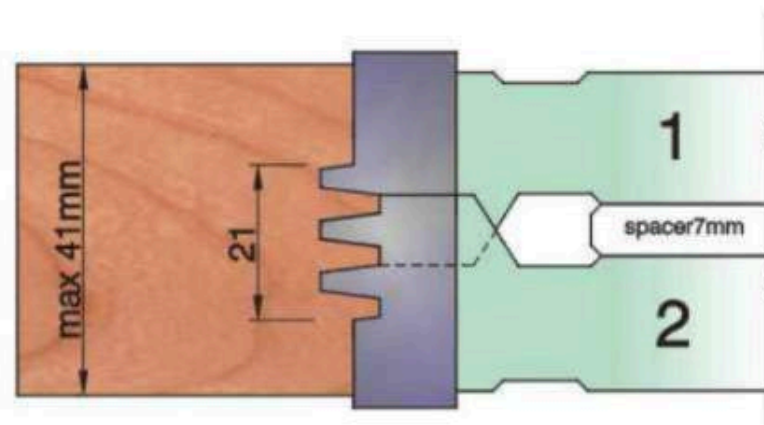
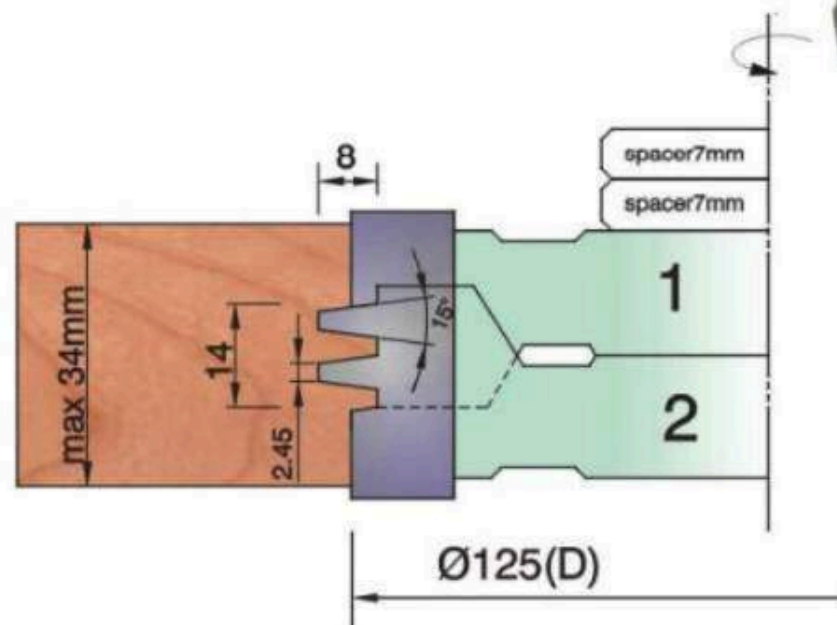
TF612 Carbide-Tipped 45° Lock Miter Shaper Cutter Sets



## Carbide-Tipped Adjustable Finger Joint Shaper Cutter Sets

(Brazed T.C.T thickness 4mm)

**TF616** D125\*W34-48mm\*d30\*Z4 1SET/2PCS



TF616

Carbide-Tipped Adjustable Finger Joint Shaper Cutter Sets

TF618

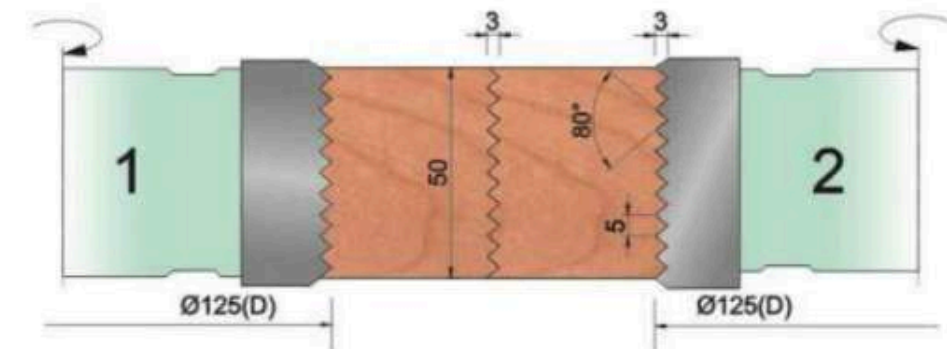
Carbide-Tipped V Type Glue Joint Shaper Cutters

## Carbide-Tipped V Type Glue Joint Shaper Cutters

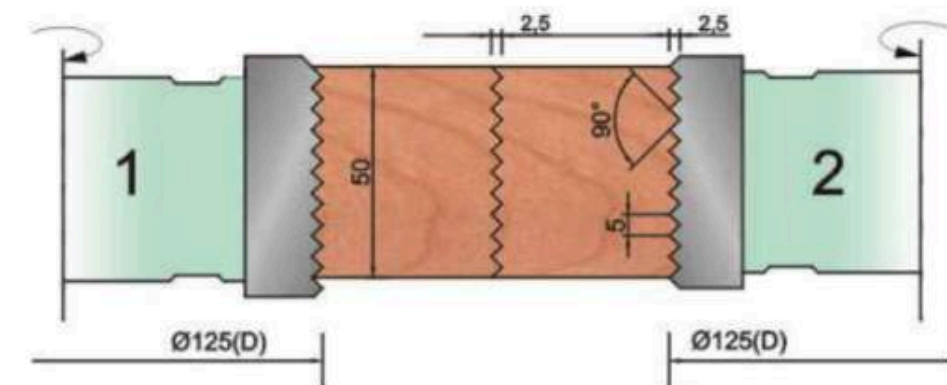
(Brazed T.C.T thickness 4mm)



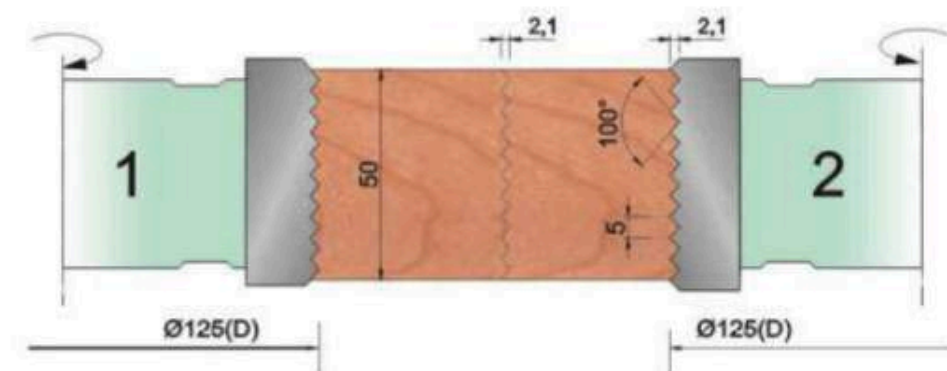
**TF618A** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



**TF618B** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



**TF618C** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



• Special specifications is available as per custom's order.

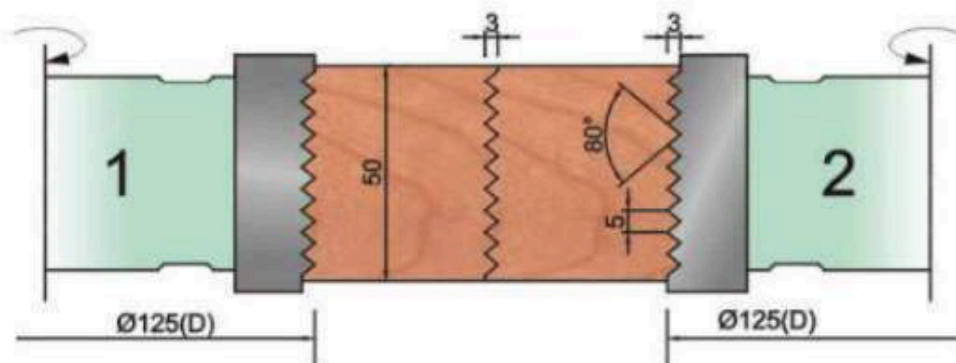


## Carbide-Tipped V Type Glue Joint Shaper Cutters

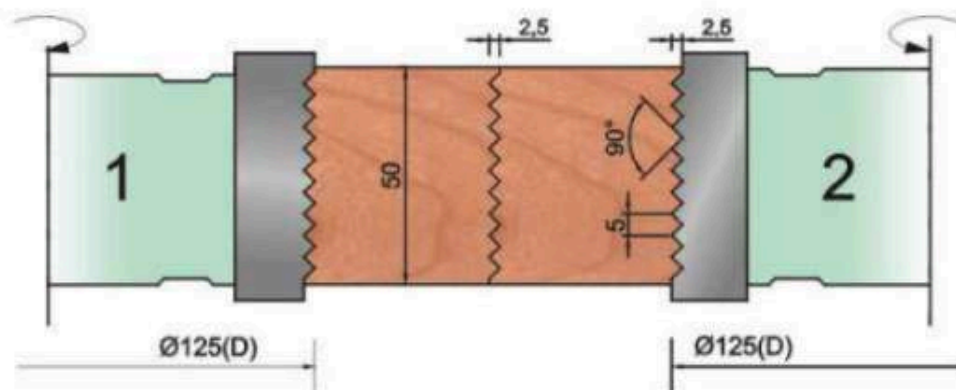
(Brazed T.C.T thickness 4mm)



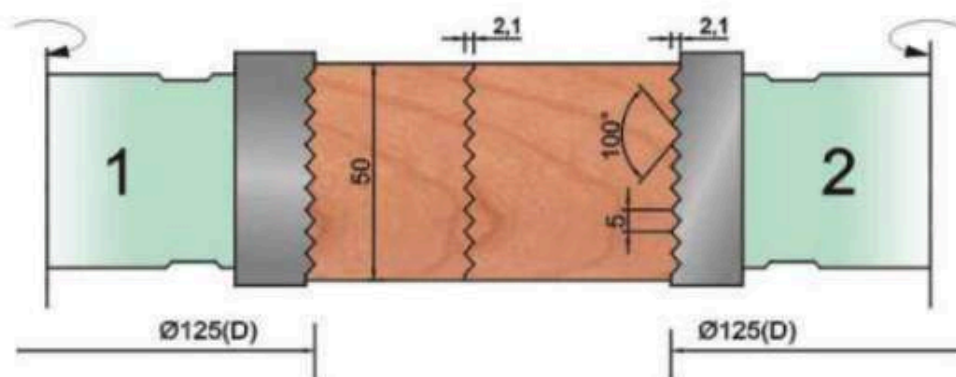
**TF619A** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



**TF619B** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



**TF619C** D125\*W50\*d40\*Z4/Z6 1SET/2PCS



• Special specifications is available as per custom's order.

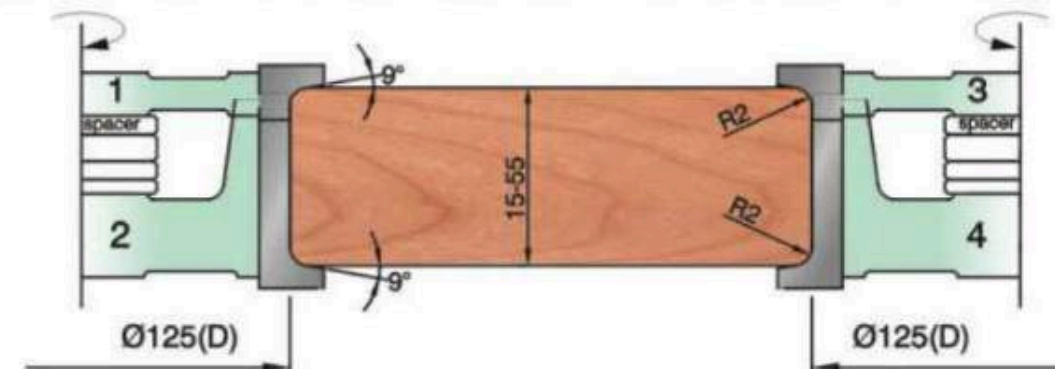
TF619 Carbide-Tipped V Type Glue Joint Shaper Cutters

## Carbide-Tipped Adjustable Corner Round Cutter Sets

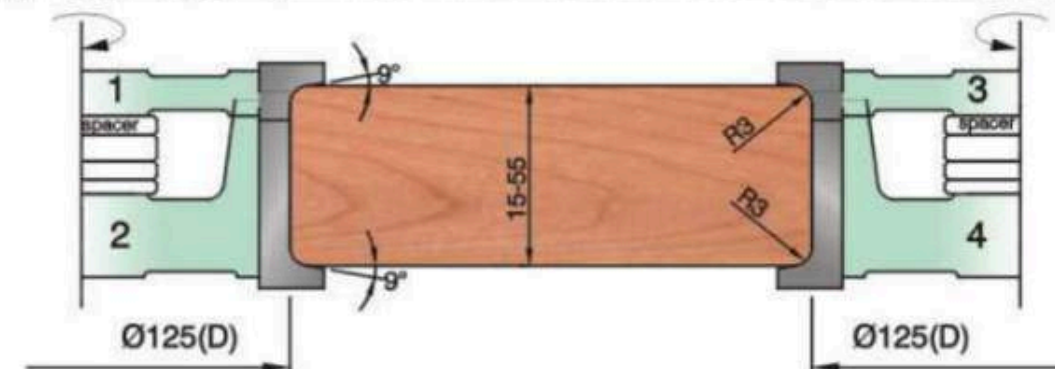
(Brazed T.C.T thickness 4mm)



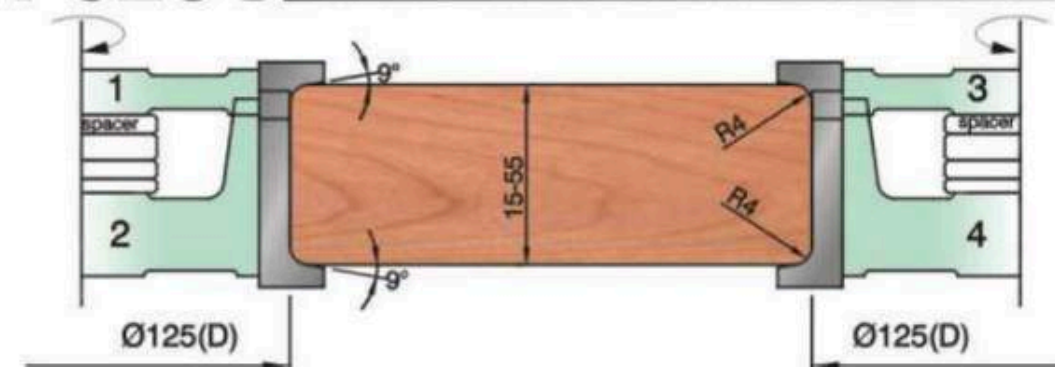
**TF620A** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



**TF620B** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



**TF620C** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



• Special specifications is available as per custom's order.

TF620 Carbide-Tipped Adjustable Corner Round Cutter Sets

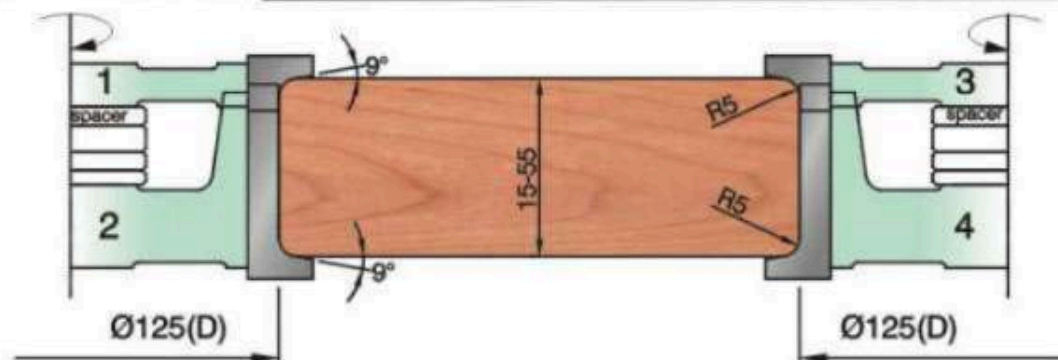


## Carbide-Tipped Adjustable Corner Round Cutter Sets

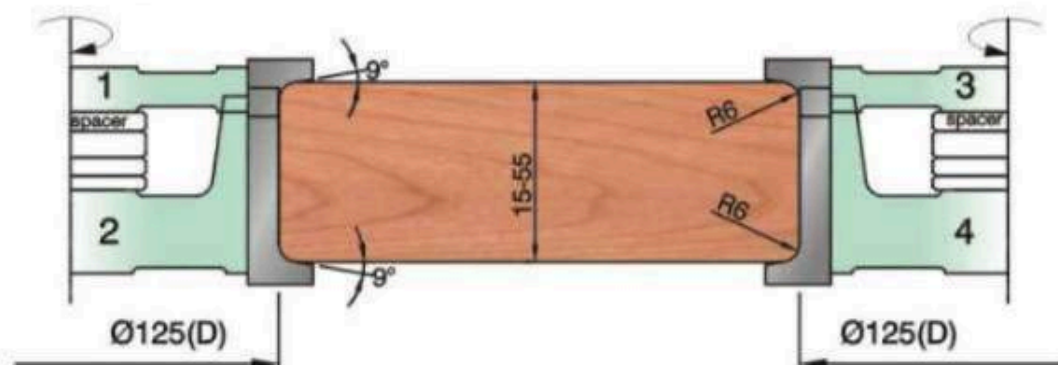
(Braze T.C.T thickness 4mm)



**TF620D** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



**TF620E** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



**TF620F** D125\*W15~55mm\*d40\*Z4/Z6 1SET/4PCS



• Special specifications is available as per custom's order.

TF620

Carbide-Tipped Adjustable Corner Round Cutter Sets

TF620

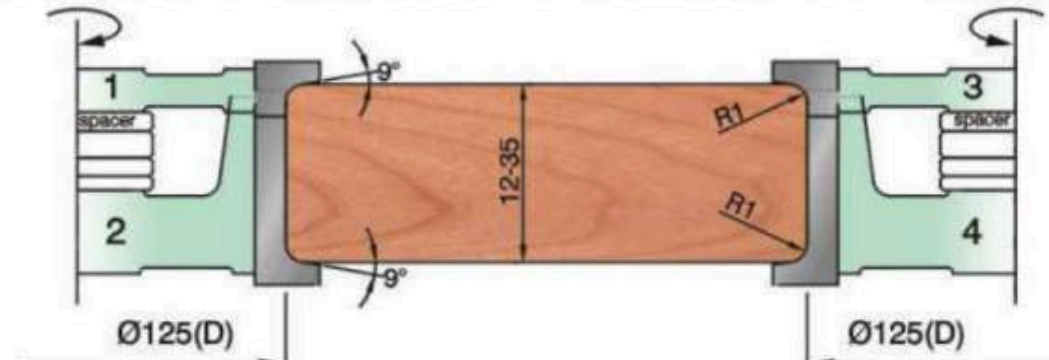
Carbide-Tipped Adjustable Corner Round Cutter Sets

## Carbide-Tipped Adjustable Corner Round Cutter Sets

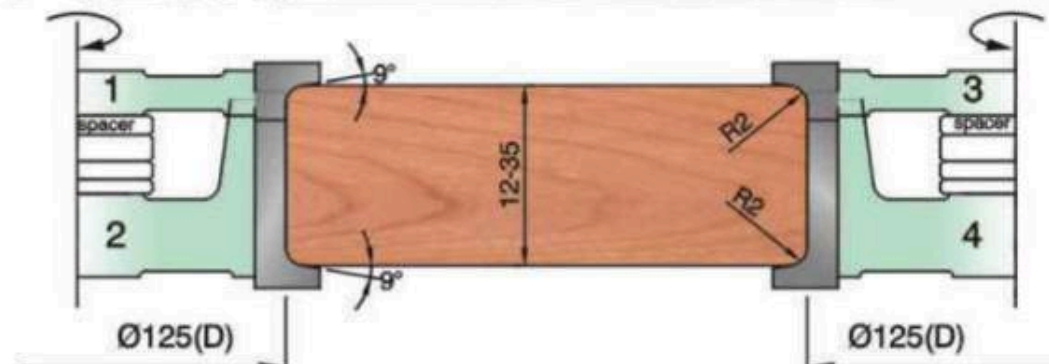
(Braze T.C.T thickness 4mm)



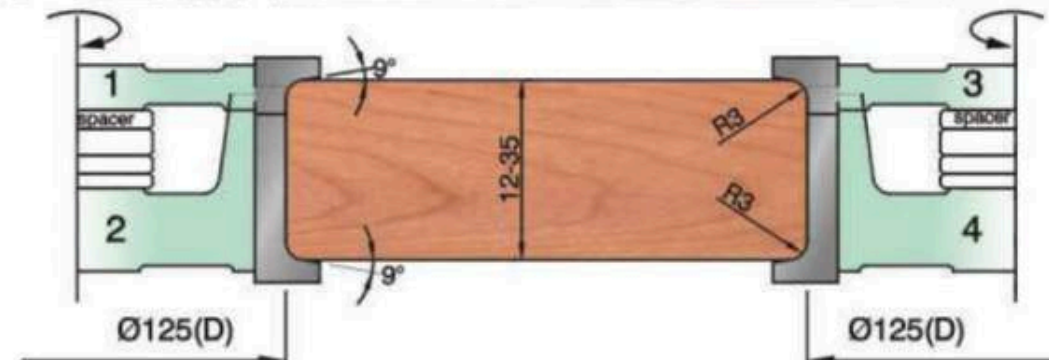
**TF620G** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



**TF620H** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



**TF620J** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



• Special specifications is available as per custom's order.

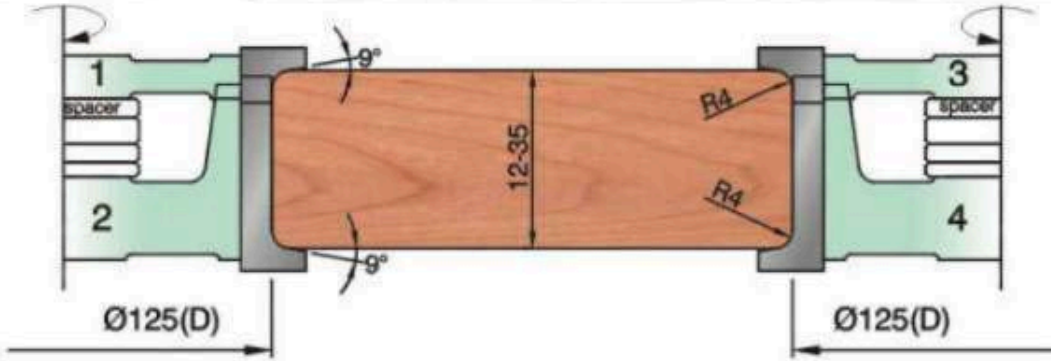


## Carbide-Tipped Adjustable Corner Round Cutter Sets

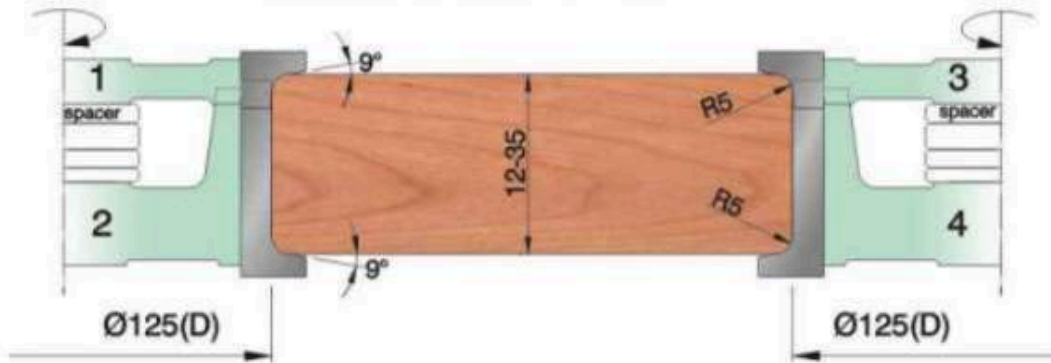
(Braze T.C.T thickness 4mm)



**TF620K** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



**TF620L** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



**TF620M** D125\*W12~35mm\*d40\*Z4/Z6 1SET/4PCS



• Special specifications is available as per custom's order.

TF620

Carbide-Tipped Adjustable Corner Round Cutter Sets

TF621

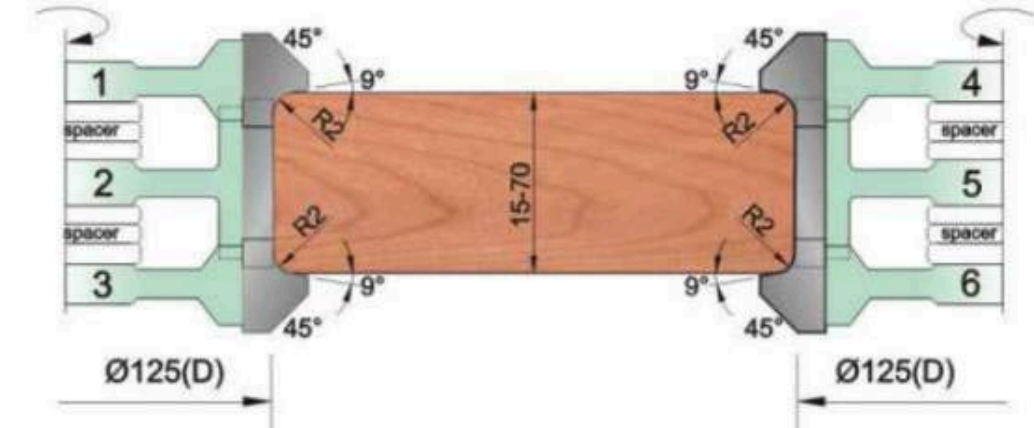
Carbide-Tipped Adjustable Corner Round Cutter Sets

## Carbide-Tipped Adjustable Corner Round & Chamfer 45Dg Cutter Sets

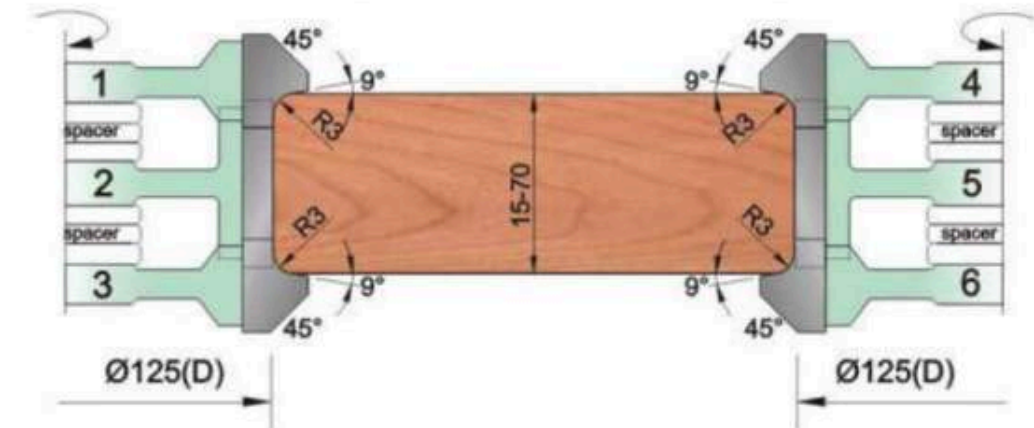
(Braze T.C.T thickness 4mm)



**TF621R2C** D125\*W15-70mm\*d40\*Z4 1SET/6PCS



**TF621R3C** D125\*W15-70mm\*d40\*Z4 1SET/6PCS



• Special specifications is available as per custom's order.

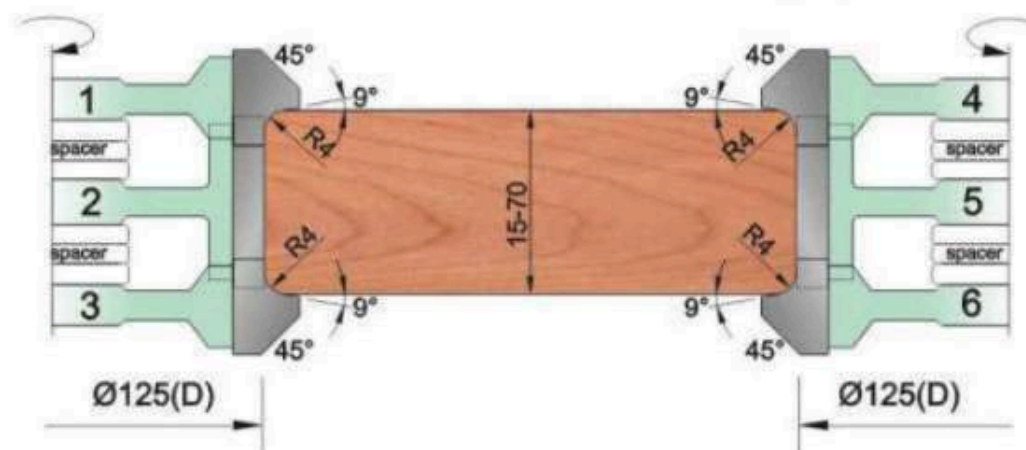


## Carbide-Tipped Adjustable Corner Round & Chamfer 45Dg Cutter Sets

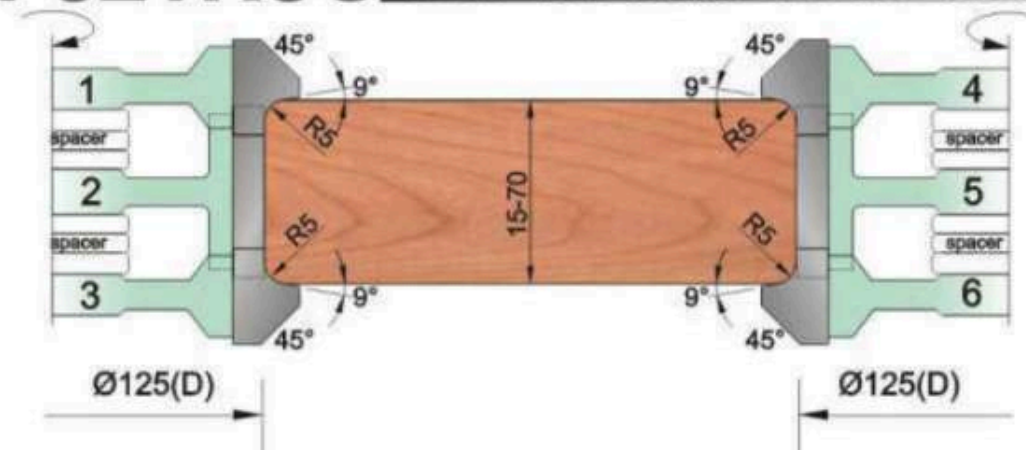
(Braze T.C.T thickness 4mm)



### TF621R4C D125\*W15-70mm\*d40\*Z4 1SET/6PCS



### TF621R5C D125\*W15-70mm\*d40\*Z4 1SET/6PCS



• Special specifications is available as per custom's order.

TF621 Carbide-Tipped Adjustable Corner Round Cutter Sets

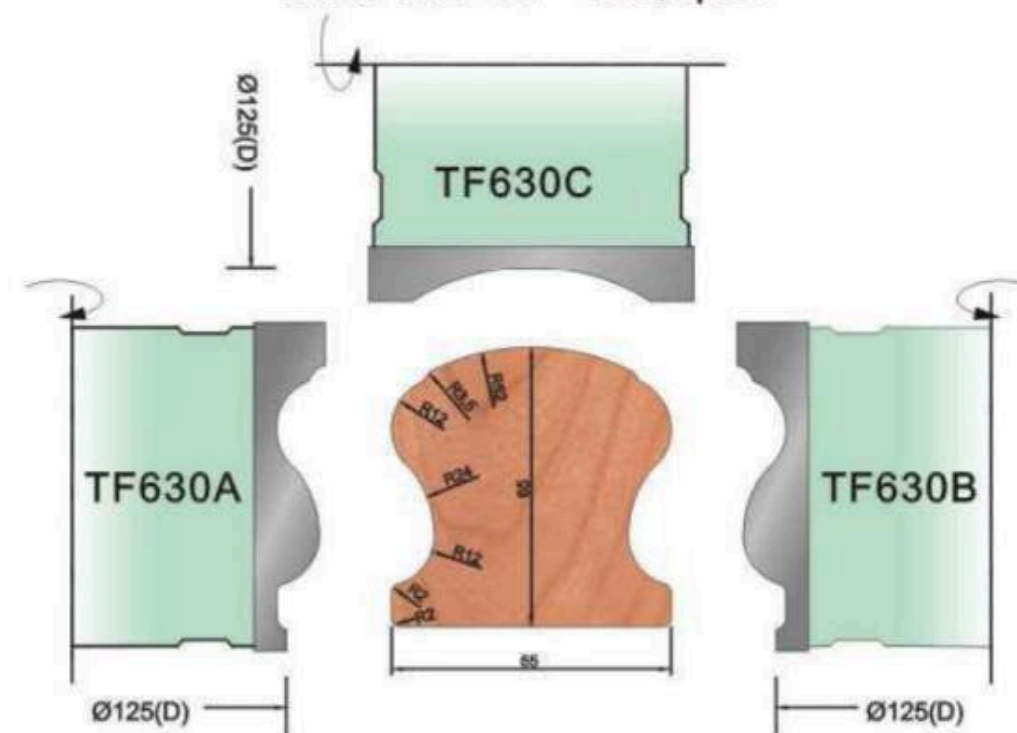
TF630 Carbide-Tipped Handrail Profile Cutter Sets

## TF630 Carbide-Tipped Handrail Profile Cutter Sets

(Braze T.C.T thickness 4mm)

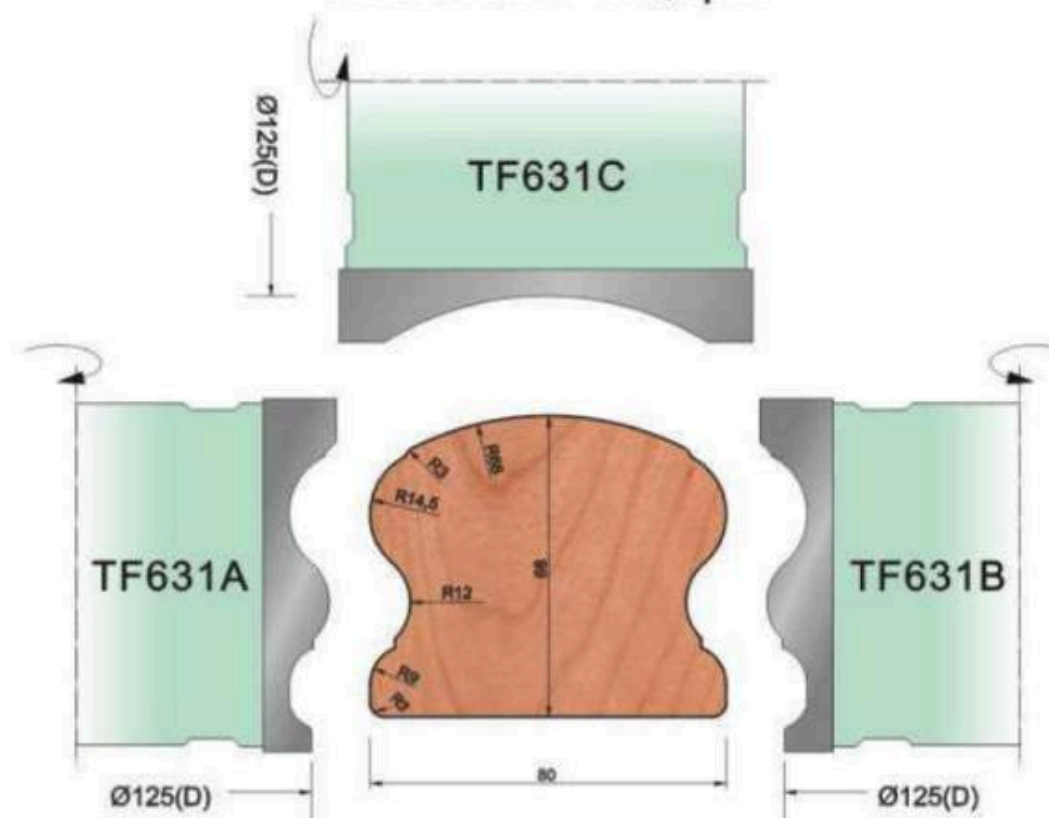


D125\*d40\*Z4 1set/3pcs



### TF631 Handrail Profile Cutter Sets

D125xd40xZ4 1set/3pcs

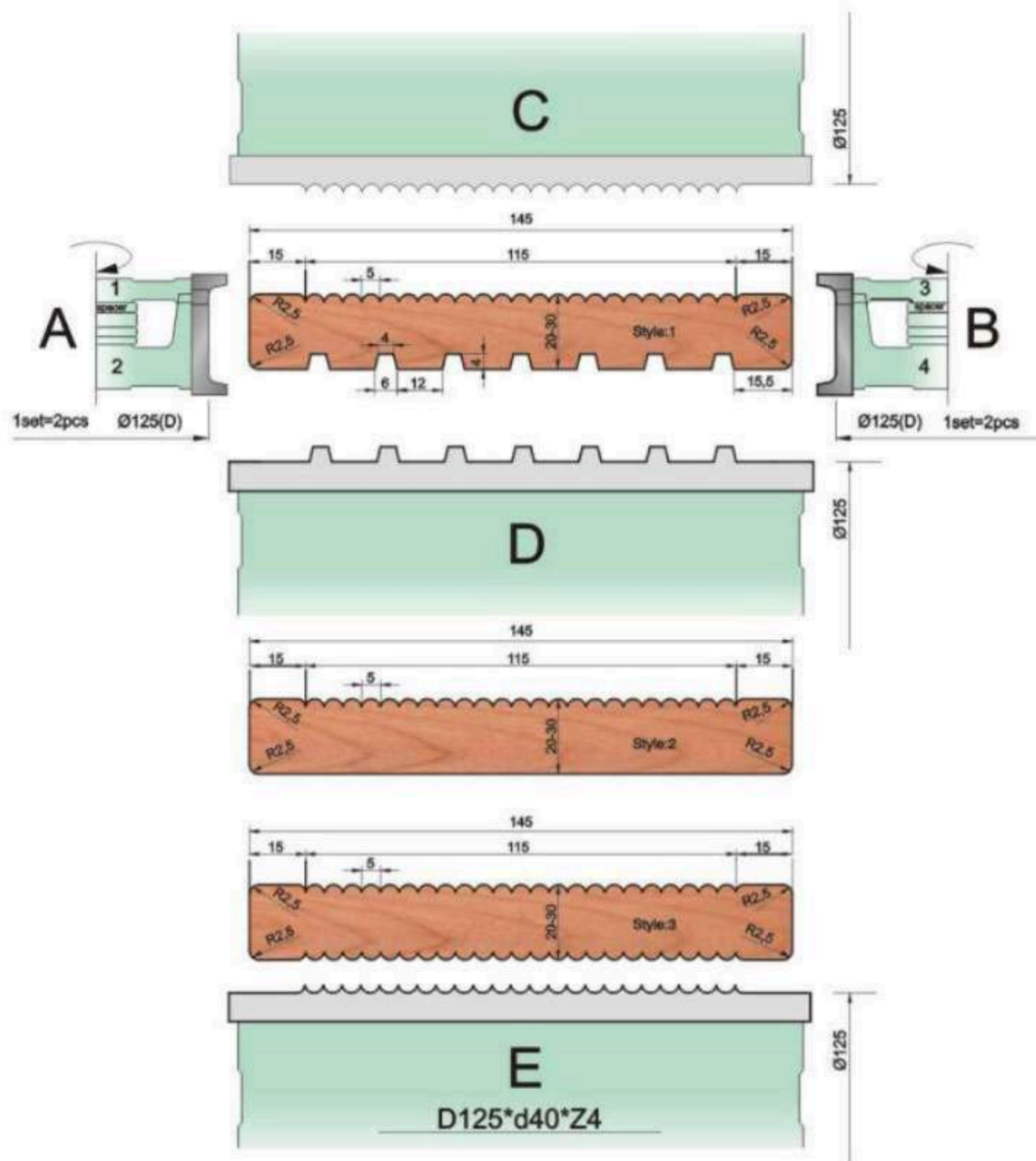




# TF632 Carbide-Tipped Outdoor Antislip Flooring Profile Cutters

(Brazed T.C.T thickness 4mm)

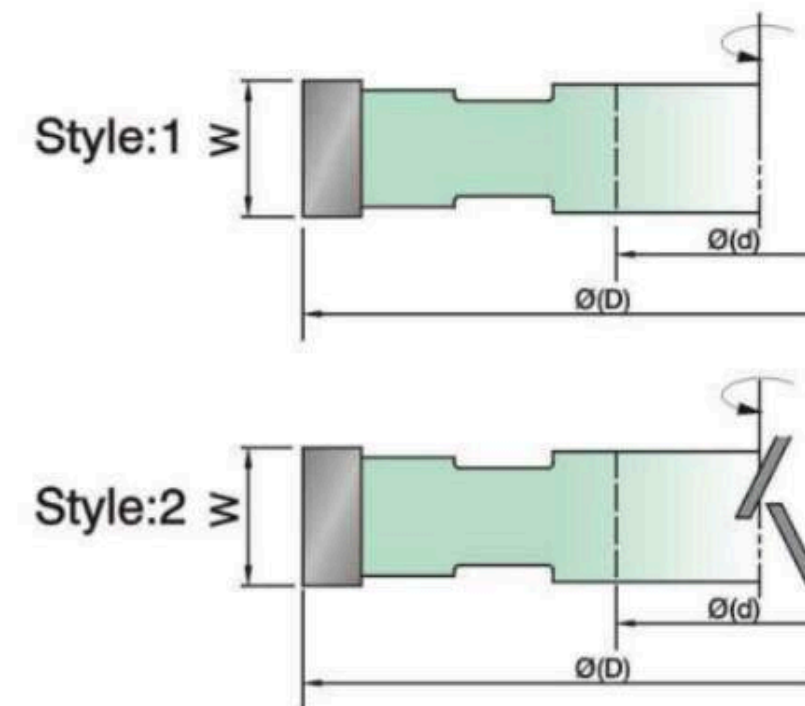
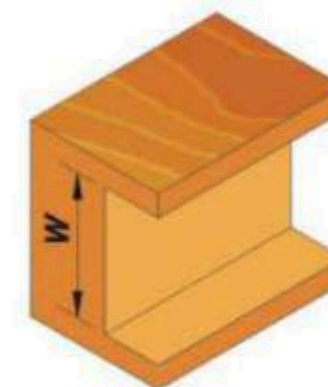
D125\*W20-30mm\*d40\*Z4 1SET/4PCS (A~D)



# TF661

## Carbide-Tipped Grooving Shaper Cutters

(Brazed T.C.T thickness 3mm)



with alternating shear

• Special specifications is available as per custom's order.

| ITEM No | Style | W mm | $\phi$ D mm | $\phi$ d mm               | Z |
|---------|-------|------|-------------|---------------------------|---|
| TF661A  |       | 6    | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661B  |       | 8    | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661C  |       | 10   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661D  |       | 12   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661E  |       | 14   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661F  |       | 16   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661G  |       | 18   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661H  |       | 20   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661J  |       | 22   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661K  |       | 24   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661L  |       | 26   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661M  |       | 28   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661N  |       | 30   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |
| TF661P  |       | 32   | 125         | 25.4/30/31.75/32/35/40/50 | 6 |

TF632 Carbide-Tipped Outdoor Antislip Flooring Profile Cutters

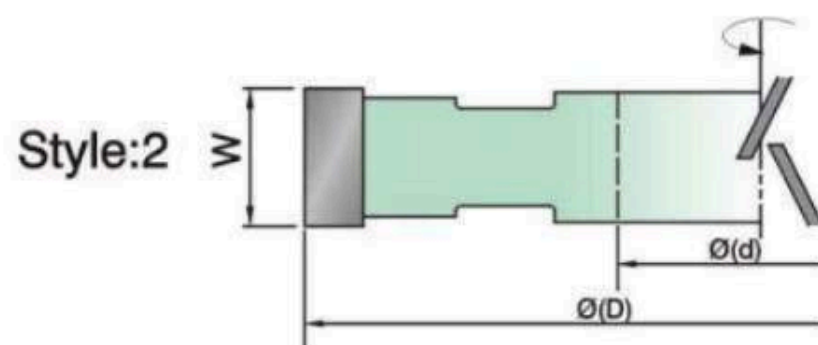
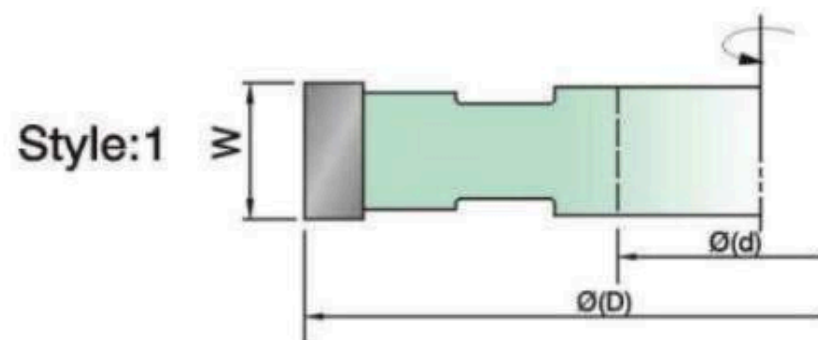
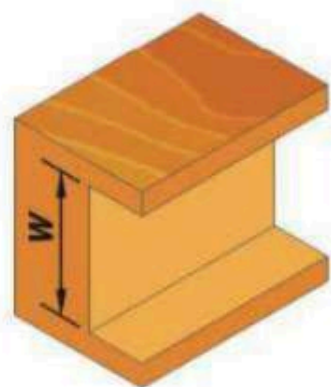
TF661 Carbide-Tipped Grooving Shaper Cutters



# TF662

## Carbide-Tipped Grooving Shaper Cutters

(Brazed T.C.T thickness 3mm)



with alternating shear

• Special specifications is available as per custom's order.

| ITEM No | Style | W mm | φ D mm | φ d mm                    | Z  |
|---------|-------|------|--------|---------------------------|----|
| TF662A  |       | 6    | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662B  |       | 8    | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662C  |       | 10   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662D  |       | 12   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662E  |       | 14   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662F  |       | 16   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662G  |       | 18   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662H  |       | 20   | 150    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF662J  |       | 7    | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662K  |       | 9    | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662L  |       | 11   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662M  |       | 13   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662N  |       | 15   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662P  |       | 17   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662Q  |       | 19   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF662R  |       | 21   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |

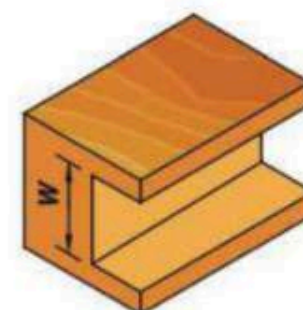
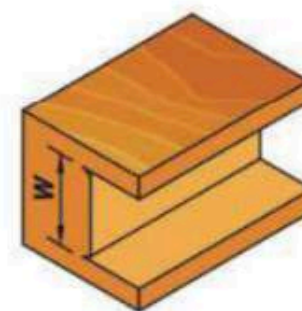
TF662

Carbide-Tipped Grooving Shaper Cutters

# TF663

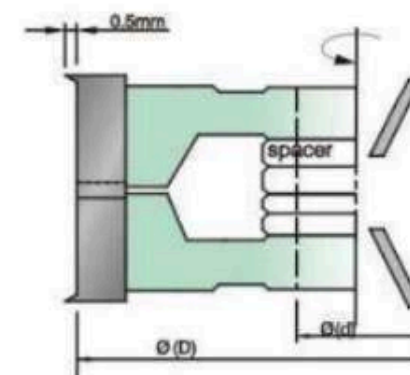
## Carbide-Tipped Adjustable Grooving Shaper Cutters Sets

(Brazed T.C.T thickness 4mm)

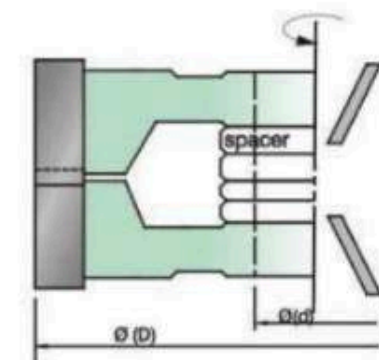


with alternating shear

(with spurs)  
Style:1



Style:2



• Special specifications is available as per custom's order.

| ITEM No | Style | W mm  | φ D mm | φ d mm                    | Z |
|---------|-------|-------|--------|---------------------------|---|
| TF663A  |       | 5-8   | 150    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663B  |       | 8-14  | 150    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663C  |       | 14-26 | 150    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663D  |       | 26-50 | 150    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663E  |       | 50-98 | 150    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663F  |       | 5-8   | 200    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663G  |       | 8-14  | 200    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663H  |       | 14-26 | 200    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663J  |       | 26-50 | 200    | 25.4/30/31.75/32/35/40/50 | 6 |
| TF663K  |       | 50-98 | 200    | 25.4/30/31.75/32/35/40/50 | 6 |

TF663

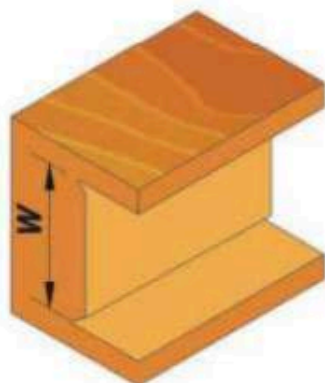
Carbide-Tipped Adjustable Grooving Shaper Cutters Sets



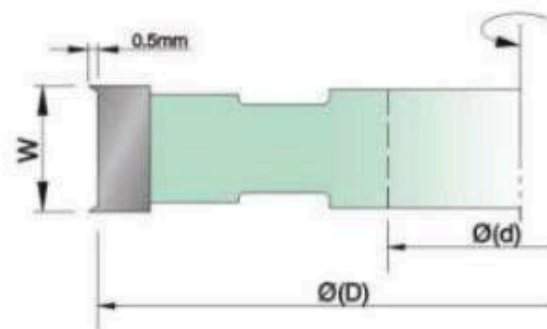
# TF665

## Carbide-Tipped Grooving Shaper Cutters (with scorers)

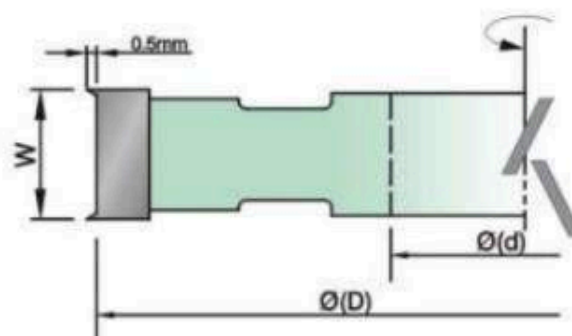
(Braze T.C.T thickness 4mm)



Style:1



Style:2



with alternating shear

• Special specifications is available as per custom's order.

| ITEM No | Style | W mm | φ D mm | φ d mm                    | Z  |
|---------|-------|------|--------|---------------------------|----|
| TF665A  |       | 6    | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665B  |       | 8    | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665C  |       | 10   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665D  |       | 12   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665E  |       | 14   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665F  |       | 16   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665G  |       | 18   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665H  |       | 20   | 200    | 25.4/30/31.75/32/35/40/50 | 6  |
| TF665J  |       | 7    | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665K  |       | 9    | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665L  |       | 11   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665M  |       | 13   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665N  |       | 15   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665P  |       | 17   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665Q  |       | 19   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |
| TF665R  |       | 21   | 250    | 25.4/30/31.75/32/35/40/50 | 12 |

TF665 Carbide-Tipped Grooving Shaper Cutters (with scorers)

# Carbide-Tipped Corner Round Shaper Cutters

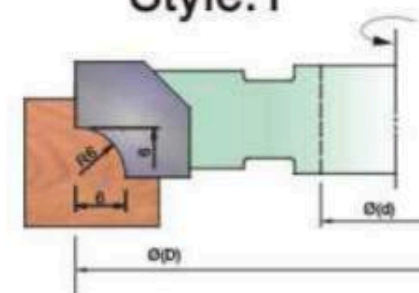
## TF666

(Braze T.C.T thickness 4mm)

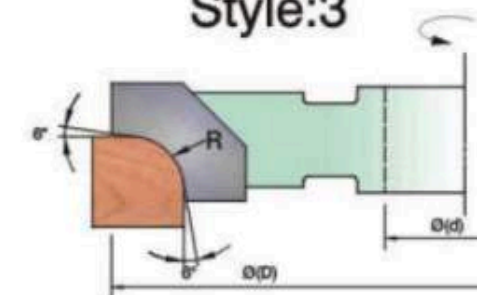


• Special specifications is available as per custom's order.

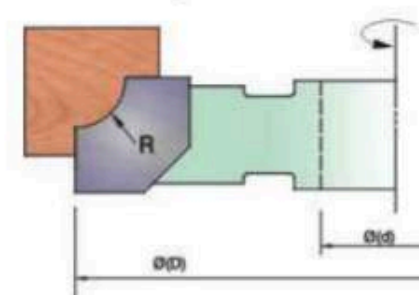
Style:1



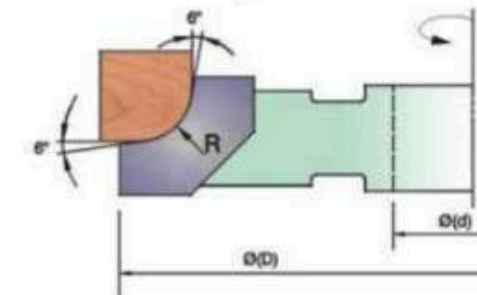
Style:3



Style:2



Style:4



| ITEM No. | Style | R mm | φ D mm | φ d mm   | Z |
|----------|-------|------|--------|----------|---|
| TF666A   |       | 6    | 125    | 30/35/40 | 4 |
| TF666B   |       | 8    | 125    | 30/35/40 | 4 |
| TF666C   |       | 10   | 125    | 30/35/40 | 4 |
| TF666D   |       | 12   | 125    | 30/35/40 | 4 |
| TF666E   |       | 14   | 140    | 30/35/40 | 4 |
| TF666F   |       | 16   | 140    | 30/35/40 | 4 |
| TF666G   |       | 18   | 140    | 30/35/40 | 4 |
| TF666H   |       | 20   | 150    | 30/35/40 | 4 |
| TF666J   |       | 22   | 150    | 30/35/40 | 4 |
| TF666K   |       | 25   | 150    | 30/35/40 | 4 |

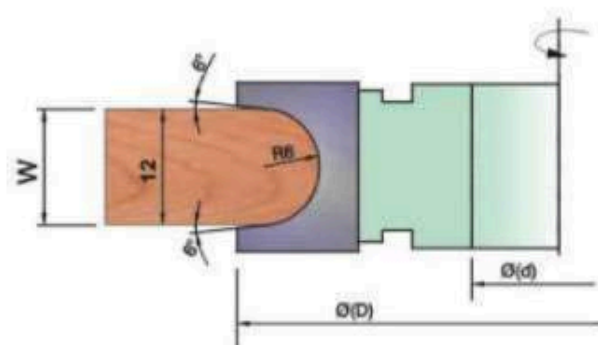
TF666 Carbide-Tipped Corner Round Shaper Cutters



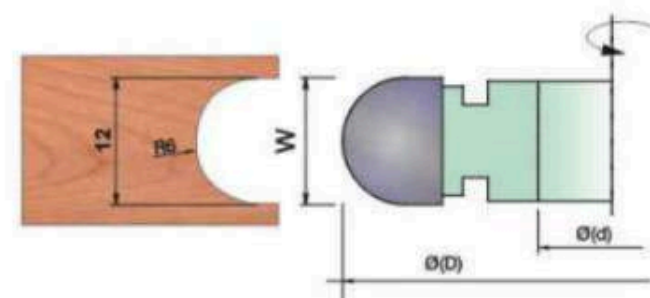
# Carbide-Tipped Half Round Shaper Cutters

TF667

(Braze T.C.T thickness 4mm)



Style:1



Style:2

• Special specifications is available as per custom's order.

| Carbide-Tipped Half Round Shaper Cutters |       |      |      |        |                  |   |
|------------------------------------------|-------|------|------|--------|------------------|---|
| ITEM No.                                 | Style | R mm | W mm | φ D mm | φ d mm           | Z |
| TF667A                                   |       | 6    | 12   | 125    | 25.4/30/31.75/40 | 4 |
| TF667B                                   |       | 8    | 16   | 125    | 25.4/30/31.75/40 | 4 |
| TF667C                                   |       | 10   | 20   | 125    | 25.4/30/31.75/40 | 4 |
| TF667D                                   |       | 12   | 24   | 125    | 25.4/30/31.75/40 | 4 |
| TF667E                                   |       | 14   | 28   | 140    | 25.4/30/31.75/40 | 4 |
| TF667F                                   |       | 16   | 32   | 140    | 25.4/30/31.75/40 | 4 |
| TF667G                                   |       | 18   | 36   | 140    | 25.4/30/31.75/40 | 4 |
| TF667H                                   |       | 20   | 40   | 140    | 25.4/30/31.75/40 | 4 |
| TF667J                                   |       | 22   | 44   | 150    | 25.4/30/31.75/40 | 4 |
| TF667K                                   |       | 24   | 48   | 150    | 25.4/30/31.75/40 | 4 |

# Mortising Chisel Sets

TF983



Mortising Chisel Sets

| SIZE<br>inch | mm   |
|--------------|------|
| 1/4"         | 6.0  |
| 5/16"        | 8.0  |
| 3/8"         | 9.5  |
| 7/16"        | 11.0 |
| 1/2"         | 12.7 |
| 9/16"        | 14.3 |
| 5/8"         | 15.9 |
| 3/4"         | 18.0 |
|              | 21.0 |
| 1"           | 25.0 |
|              | 30.0 |

TF667 Carbide-Tipped Half Round Shaper Cutters

TF983 Mortising Chisel Sets



## TF984 Straight Bits

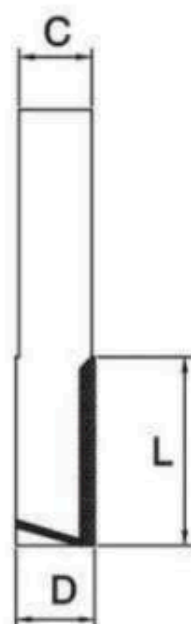
Steel Body With Solid Carbide Stick Mounted



• Custom designs available.

| ITEM No | D mm | L mm | C mm |
|---------|------|------|------|
| TF984D3 | 3    | 15   | 12   |
| TF984D4 | 4    | 15   | 12   |
| TF984D5 | 5    | 20   | 12   |
| TF984D6 | 6    | 20   | 12   |
| TF984D8 | 8    | 20   | 12   |

## TF985 Straight Bits



• Custom designs available.

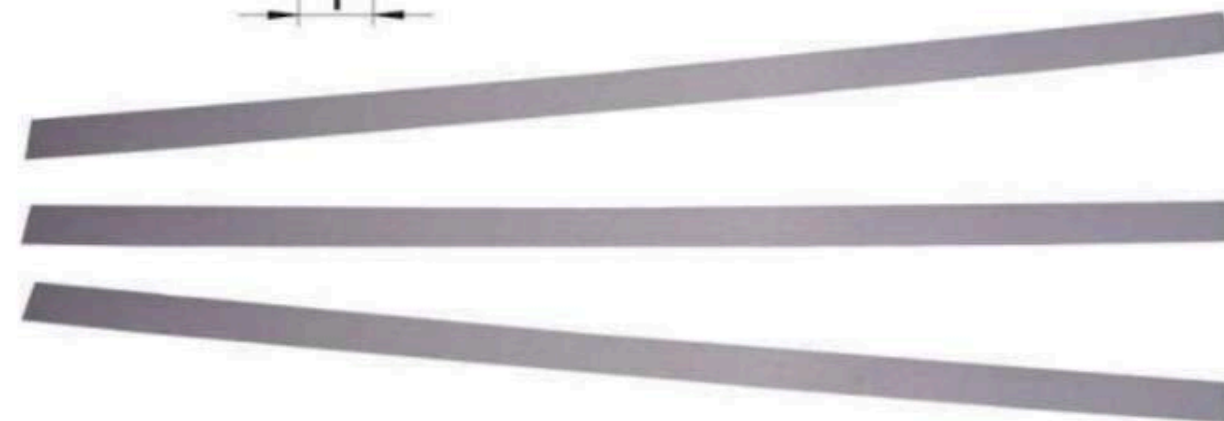
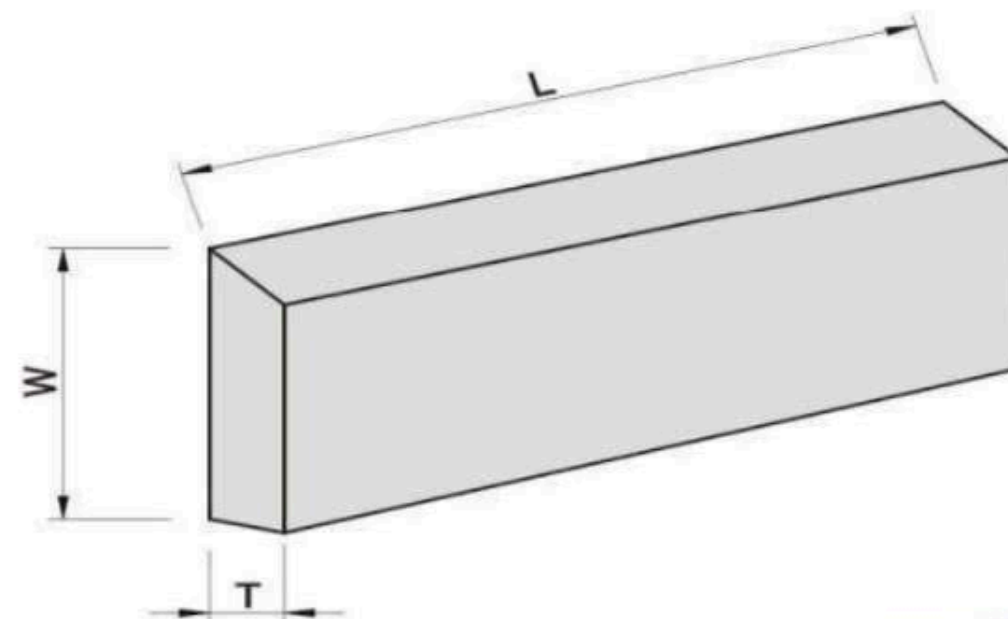
| ITEM No  | D mm | L mm | C mm |
|----------|------|------|------|
| TF985D8  | 8    | 25   | 12   |
| TF985D10 | 10   | 25   | 12   |
| TF985D12 | 12   | 25   | 12   |
| TF985D14 | 14   | 25   | 12   |
| TF985D16 | 16   | 30   | 12   |
| TF985D18 | 18   | 30   | 12   |
| TF985D20 | 20   | 30   | 12   |

TF984/985 Straight Bits

TF986 Planer Knives-High Speed Steel (HSS)

## TF986

Planer Knives-High Speed Steel (HSS)

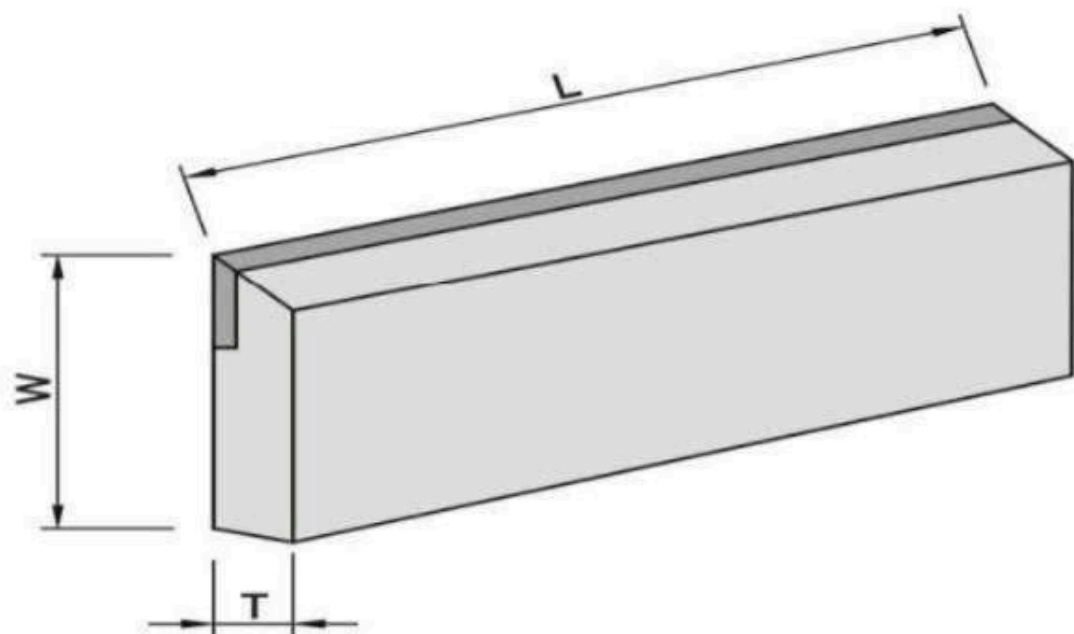


Planer Knives-High Speed Steel (HSS)

| ITEM No. | L mm | W mm          | T mm |
|----------|------|---------------|------|
| TF986A   | 260  | 30            | 3    |
| TF986B   | 310  | 30            | 3    |
| TF986C   | 350  | 30            | 3    |
| TF986D   | 410  | 30            | 3    |
| TF986E   | 510  | 30            | 3    |
| TF986F   | 610  | 30            | 3    |
| TF986G   | 610  | 38(HSS Inlay) | 6    |



## TF987 Planer Knives-Carbide-Tipped

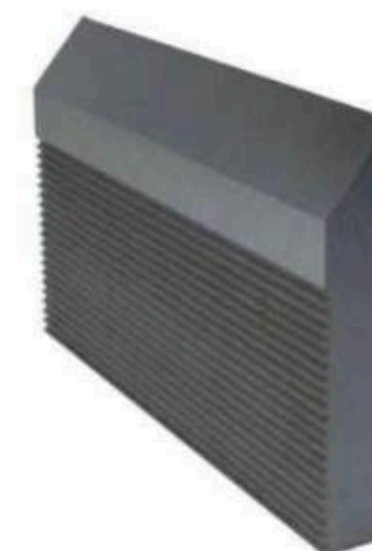
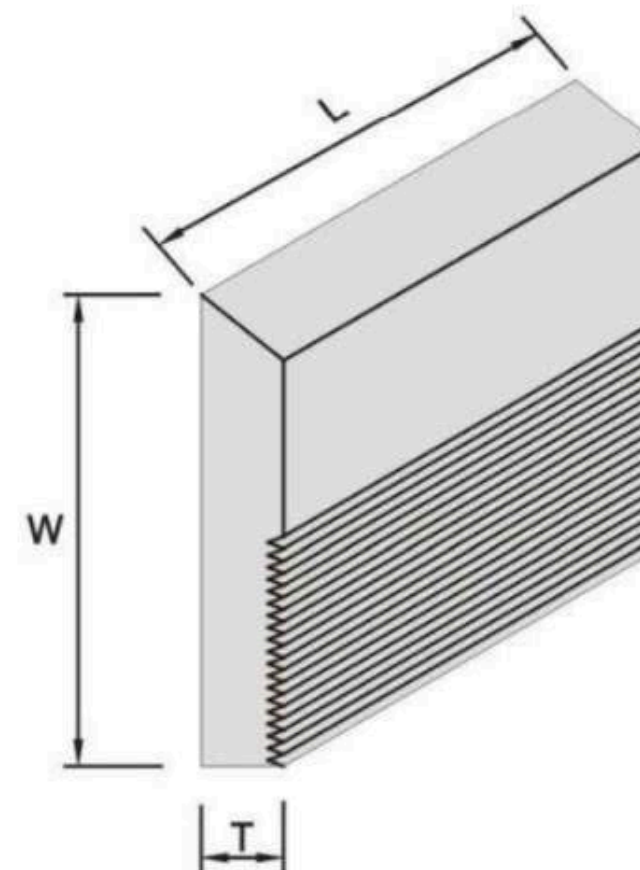


| Planer Knives-Carbide-Tipped |         |         |         |
|------------------------------|---------|---------|---------|
| ITEM No.                     | L<br>mm | W<br>mm | T<br>mm |
| TF987A                       | 260     | 30      | 3       |
| TF987B                       | 310     | 30      | 3       |
| TF987C                       | 350     | 30      | 3       |
| TF987D                       | 410     | 30      | 3       |
| TF987E                       | 510     | 30      | 3       |
| TF987F                       | 610     | 30      | 3       |
| TF987G                       | 610     | 38      | 6       |

TF987 Planer Knives-Carbide-Tipped

TF988 Corrugated Back Knives-High Speed Steel (HSS)

## TF988 Corrugated Back Knives -High Speed Steel (HSS)



| Corrugated Back Knives-High Speed Steel (HSS) |         |         |         |
|-----------------------------------------------|---------|---------|---------|
| ITEM No.                                      | L<br>mm | W<br>mm | T<br>mm |
| TF988A                                        | 635     | 50      | 8       |
| TF988B                                        | 635     | 60      | 8       |
| TF988C                                        | 635     | 70      | 8       |



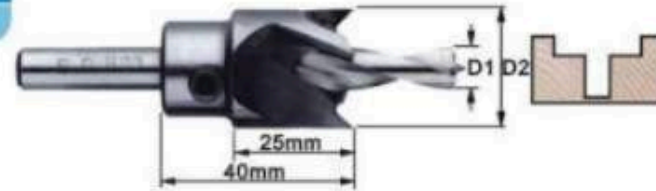
# Woodworking Drill Bits

## TF-SH311-B

Straight Shank Combination 2-Step Drills

High Speed Steel Spiral Flute

※D1/D2 Custom sizes are available



## TF-H311-LB

Straight Shank Solid Mortising Tool

High Speed Steel Spiral Flute

※D1/D2 Custom sizes are available



## TF-RC125/150

Threaded Integral Adapter

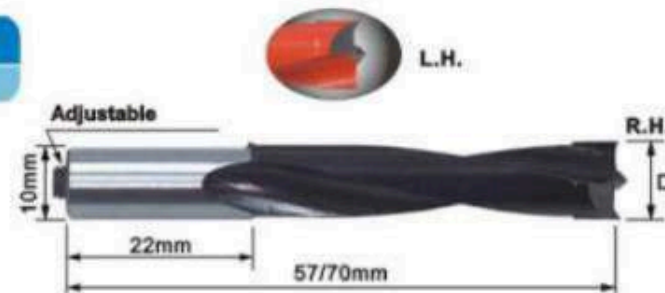
- L. H. or R. H.
- RC125 Threading : M8x1.25
- RC150 Threading : M10x1.5
- Bore Dia : 10mm
- Insert Depth : 21mm



## TF-TCT510

Tungsten Carbide Steel Tipped Drills(DOWEL)

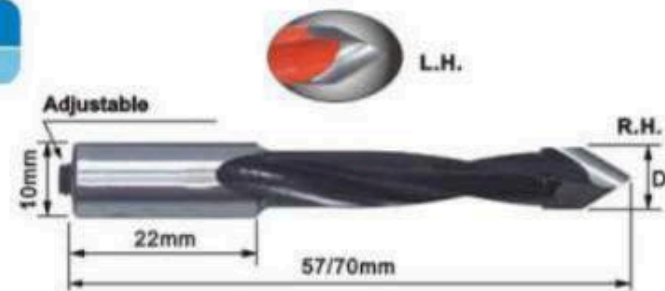
- Spiral Flute : L. H. or R. H. Cut
- Shank Dia : 10mm
- Overall Length : 57/70mm
- Drill Dia : 5/6/8/9/10/12mm



## TF-TCT510-V

Tungsten Carbide Steel Tipped Drills(THRU-HOLE)

- Spiral Flute : L. H. or R. H. Cut
- Shank Dia : 10mm
- Overall Length : 57/70mm
- Drill Dia : 5/6/8/9/10/12mm



## TF-TCT510-1

Tungsten Carbide Steel Tipped Drills(SPECIAL TCT)

- High Speed Steel Spiral Flute : L. H. or R. H. Cut
- Shank Dia : 10mm
- Overall Length : 57/70mm
- Drill Dia : 15/20/25/30/35mm



Woodworking Drill Bits

Woodworking Drill Bits

# Woodworking Drill Bits

## TF-A210

Threaded Shank Solid Drills

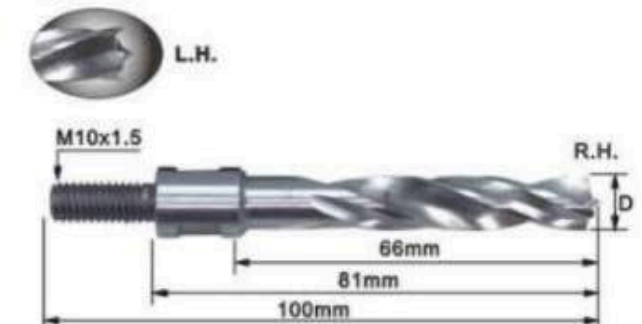
- High Speed Steel Spiral Flute : L. H. or R. H. Cut
- Threaded : M8x1.25
- Overall Length : 100mm
- Flute Length : 66mm
- Drill Dia: 5~16mm



## TF-A210-1

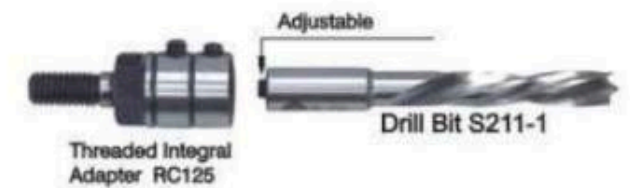
Threaded Shank Solid Drills

- High Speed Steel Spiral Flute : L. H. or R. H. Cut
- Threaded : M10x1.5
- Overall Length : 100mm
- Flute Length : 66mm
- Drill Dia: 5~18mm



## TF-RS210

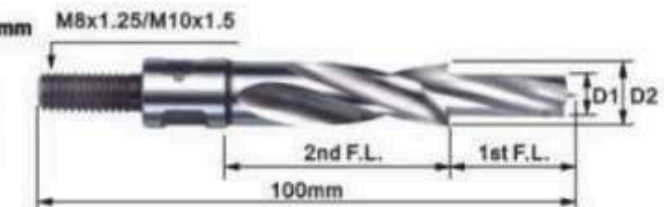
Threaded Shank Solid Drills With Integral Adapter  
(Newly economic type)



## TF-A210-L/V

Threaded Shank Solid Step Drills

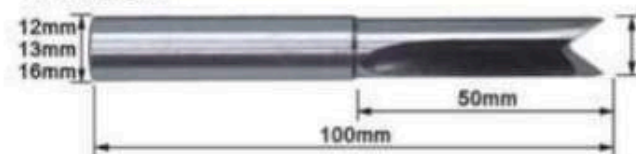
- High Speed Steel Spiral Flute : L. H. or R. H. Cut • Flute Length: 66 mm
- Overall Length: 100 mm
- Threading: M8x1.25/ M10x1.5
- ※Customized step drill diameter and flute length are available upon request.



## TF-K112-2T/ 3T /4T

Straight Shank Solid Mortising Tool

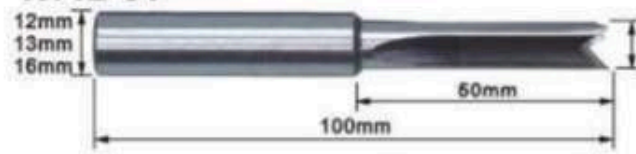
### K112-2T



- Shank Dia: 12/ 13/ 16 mm
- Drill Dia: 6~16 mm
- Overall Length: 100 mm



### K112-3T



### K112-4T



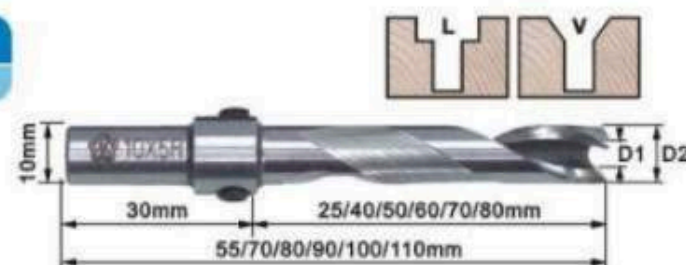


# Woodworking Drill Bits

## TF-H211-L / V

Straight Shank Solid Mortising Tool

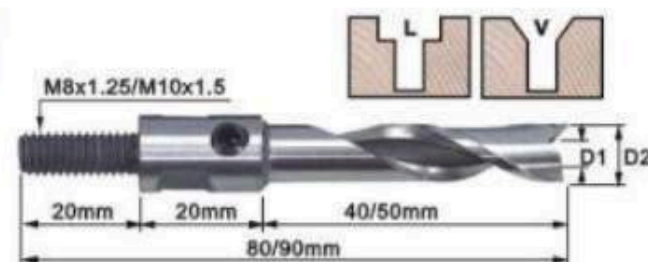
- High Speed Steel Spiral Flute
- Flute Length : 25/40/50/60/70/80mm
- Shank Dia : 10mm
- Overall Length : 55/70/80/90/100/110mm
- D1 : 3/4/4.5/5 mm
- D2 : 8/9/9.5/10/12mm



## TF-AH211-L / V

Threaded Straight Shank Solid Mortising Tool

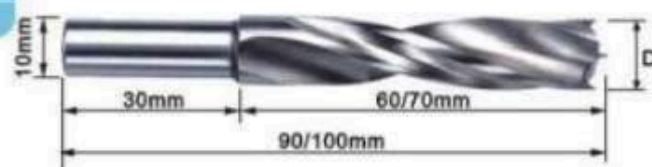
- High Speed Steel Spiral Flute
- Flute Length : 40/50mm
- Threaded : M8x1.25/M10x1.5
- Overall Length : 80/90mm
- D1 : 3/4/4.5/5 mm
- D2 : 8/9/9.5/10/12mm



## TF-S211-4T

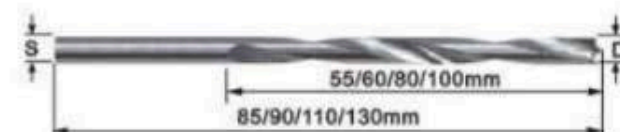
Straight Shank Solid Drills

- High Speed Steel Four Spiral Flute
- Overall Length : 90/100mm
- Flute Length : 60/70mm
- Drill Dia: 5~18mm
- Shank Dia : 10mm



## TF-S211-2T

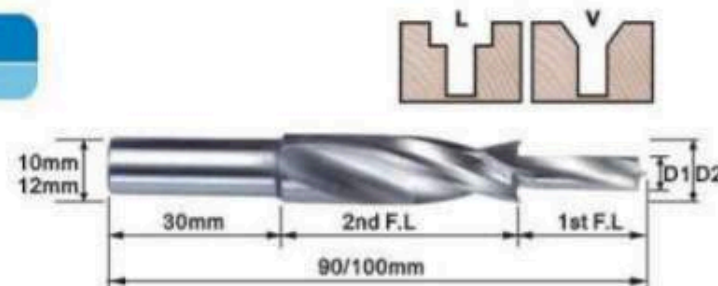
- High Speed Steel Two Spiral Flute
- Shank Dia. & Drill Dia. : 4/4.5/5/6 mm



## TF-S211-BL / BV

Straight Shank Solid Step Drills

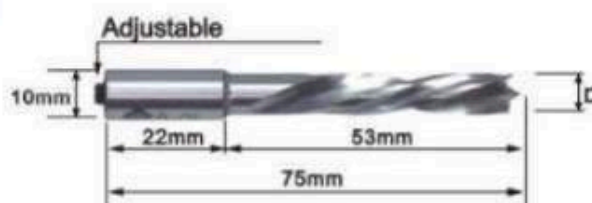
- High Speed Steel Spiral Flute
- Shank Dia : 10/12 mm
- ※Customized step drill diameter and flute length are available upon request.



## TF-S211-1

Adjustable Straight Shank Solid Drills

- High Speed Steel Spiral Flute : L.H. or R.H. Cut
- Shank Dia : 10mm
- Flute Length : 53mm
- Overall Length : 75mm
- Drill Dia: 5~18mm



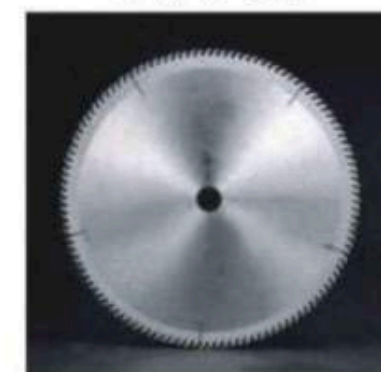
Woodworking Drill Bits

TF989/TF990 Circular Saw Blades

# TF989 Carbide-Tipped Circular Saw Blades

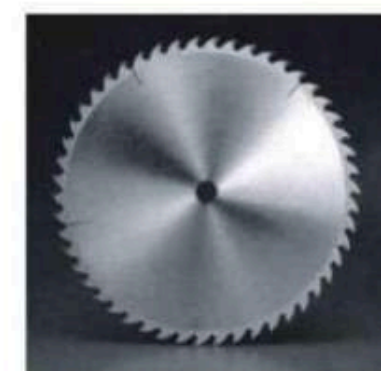
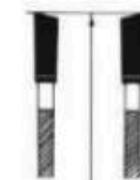
- Special specifications is available as per custom's order
- For cutting wood.MDF.aluminum.acrylic.

| For Cross Cut |              |             |     |
|---------------|--------------|-------------|-----|
| $\phi$ D mm   | Thickness mm | $\phi$ d mm | Z   |
| 205           | 3.0          | 25.4/30     | 60  |
| 205           | 3.0          | 25.4/30     | 80  |
| 255           | 3.0          | 25.4/30     | 80  |
| 255           | 3.0          | 25.4/30     | 100 |
| 255           | 3.0          | 25.4/30     | 120 |
| 305           | 3.0          | 25.4/30     | 100 |
| 305           | 3.0          | 25.4/30     | 120 |
| 355           | 3.0          | 25.4/30     | 80  |
| 355           | 3.0          | 25.4/30     | 100 |
| 355           | 3.2          | 25.4/30     | 120 |
| 405           | 3.2          | 25.4/30     | 120 |
| 455           | 3.4          | 25.4/30     | 120 |
| 505           | 3.4          | 25.4/30     | 100 |
| 505           | 3.4          | 25.4/30     | 120 |
| 610           | 4.0          | 25.4/30     | 120 |



# TF990 Circular Saw Blades

| General Purpose Saw Blade |              |             |    |
|---------------------------|--------------|-------------|----|
| $\phi$ D mm               | Thickness mm | $\phi$ d mm | Z  |
| 150                       | 3.0          | 30          | 24 |
| 180                       | 3.0          | 30          | 24 |
| 205                       | 3.0          | 30          | 24 |
| 255                       | 3.0          | 30          | 30 |
| 305                       | 3.2          | 30          | 36 |
| 355                       | 3.2          | 30          | 36 |
| 405                       | 3.2          | 30          | 24 |
| 405                       | 3.2          | 30          | 48 |
| 455                       | 3.4          | 30          | 30 |
| 505                       | 4.0          | 30          | 30 |



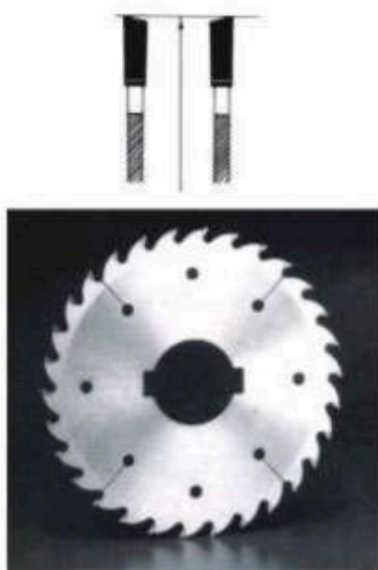


## TF991 Carbide-Tipped Circular Saw Blades

• Special specifications is available as per custom's order

For Rip And Multiple Rip Saw

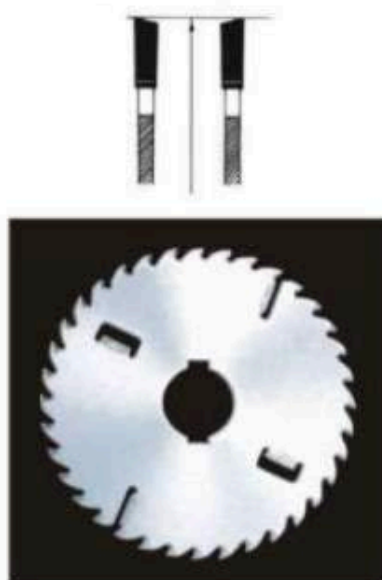
| $\phi$ D<br>mm | Thickness<br>mm | $\phi$ d<br>mm | Z  |
|----------------|-----------------|----------------|----|
| 255            | 2.2             | 50/70          | 30 |
| 255            | 2.6             | 50/70          | 30 |
| 255            | 3.0             | 50/70          | 30 |
| 305            | 2.6             | 50/70          | 36 |
| 305            | 3.0             | 50/70          | 36 |
| 305            | 3.2             | 50/70          | 36 |
| 355            | 3.2             | 50/70          | 36 |
| 355            | 3.4             | 50/70          | 36 |
| 405            | 3.4             | 50/70          | 30 |



## TF992 Circular Saw Blades

For Rip Saw with wing

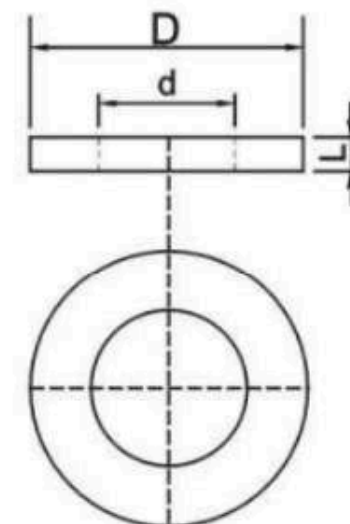
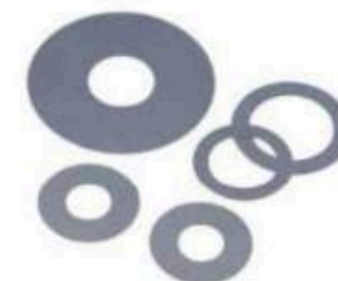
| $\phi$ D<br>mm | Thickness<br>mm | $\phi$ d<br>mm | Z  | wing |
|----------------|-----------------|----------------|----|------|
| 305            | 3.0             | 70             | 30 | 2    |
| 305            | 3.0             | 70             | 30 | 4    |
| 305            | 3.0             | 70             | 36 | 4    |
| 355            | 3.2             | 70             | 28 | 4    |
| 355            | 3.2             | 70             | 36 | 4    |
| 355            | 4.0             | 70             | 30 | 4    |
| 405            | 3.4             | 70             | 30 | 4    |
| 405            | 4.0             | 70             | 36 | 4    |
| 455            | 4.0             | 70             | 28 | 4    |



TF991/992 Circular Saw Blades

TF993 Spacers / Rings / Shims

## TF993 Spacers / Rings / Shims



| D<br>(mm) | L<br>(mm) | d<br>(mm) |
|-----------|-----------|-----------|
| 60        | 0.1       | 25.4      |
| 60        | 0.2       | 25.4      |
| 60        | 0.3       | 25.4      |
| 60        | 0.5       | 25.4      |
| 60        | 1.0       | 25.4      |
| 60        | 3.0       | 25.4      |
| 60        | 5.0       | 25.4      |
| 60        | 10.0      | 25.4      |
| 60        | 15.0      | 25.4      |
| 60        | 20.0      | 25.4      |
| 60        | 0.1       | 30        |
| 60        | 0.2       | 30        |
| 60        | 0.3       | 30        |
| 60        | 0.5       | 30        |
| 60        | 1.0       | 30        |
| 60        | 3.0       | 30        |
| 60        | 5.0       | 30        |
| 60        | 10.0      | 30        |
| 60        | 15.0      | 30        |
| 60        | 20.0      | 30        |

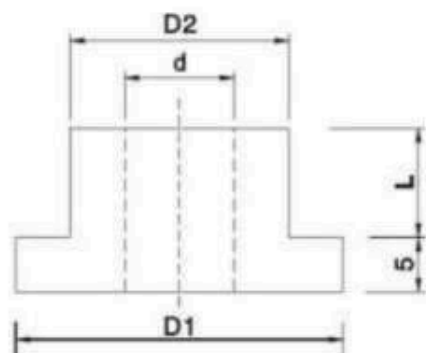
| D<br>(mm) | L<br>(mm) | d<br>(mm) |
|-----------|-----------|-----------|
| 60        | 0.1       | 31.75     |
| 60        | 0.2       | 31.75     |
| 60        | 0.3       | 31.75     |
| 60        | 0.5       | 31.75     |
| 60        | 1.0       | 31.75     |
| 60        | 3.0       | 31.75     |
| 60        | 5.0       | 31.75     |
| 60        | 10.0      | 31.75     |
| 60        | 15.0      | 31.75     |
| 60        | 20.0      | 31.75     |
| 60        | 0.1       | 35        |
| 60        | 0.2       | 35        |
| 60        | 0.3       | 35        |
| 60        | 0.5       | 35        |
| 60        | 1.0       | 35        |
| 60        | 3.0       | 35        |
| 60        | 5.0       | 35        |
| 60        | 10.0      | 35        |
| 60        | 15.0      | 35        |
| 60        | 20.0      | 35        |

| D<br>(mm) | L<br>(mm) | d<br>(mm) |
|-----------|-----------|-----------|
| 60        | 0.1       | 40        |
| 60        | 0.2       | 40        |
| 60        | 0.3       | 40        |
| 60        | 0.5       | 40        |
| 60        | 1.0       | 40        |
| 60        | 3.0       | 40        |
| 60        | 5.0       | 40        |
| 60        | 10.0      | 40        |
| 60        | 15.0      | 40        |
| 60        | 20.0      | 40        |
| 70        | 0.1       | 50        |
| 70        | 0.2       | 50        |
| 70        | 0.3       | 50        |
| 70        | 0.5       | 50        |
| 70        | 1.0       | 50        |
| 70        | 3.0       | 50        |
| 70        | 5.0       | 50        |
| 70        | 10.0      | 50        |
| 70        | 15.0      | 50        |
| 70        | 20.0      | 50        |



# TF995

## T-Bushings For Shaper Cutters



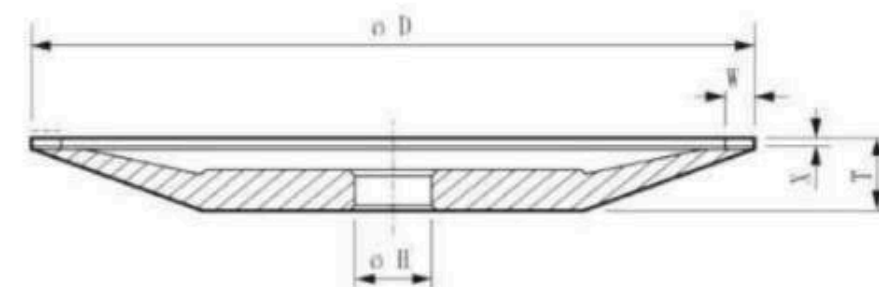
| D1<br>(mm) | D2<br>(mm) | L<br>(mm) | d<br>(mm) |
|------------|------------|-----------|-----------|
| 58         | 30         | 10        | 25.4      |
| 58         | 30         | 15        | 25.4      |
| 58         | 30         | 20        | 25.4      |
| 58         | 30         | 25        | 25.4      |
| 58         | 31.75      | 10        | 25.4      |
| 58         | 31.75      | 15        | 25.4      |
| 58         | 31.75      | 20        | 25.4      |
| 58         | 31.75      | 25        | 25.4      |
| 58         | 35         | 10        | 25.4      |
| 58         | 35         | 15        | 25.4      |
| 58         | 35         | 20        | 25.4      |
| 58         | 35         | 25        | 25.4      |
| 58         | 35         | 10        | 30        |
| 58         | 35         | 15        | 30        |
| 58         | 35         | 20        | 30        |
| 58         | 35         | 25        | 30        |
| 58         | 35         | 10        | 31.75     |
| 58         | 35         | 15        | 31.75     |
| 58         | 35         | 20        | 31.75     |
| 58         | 35         | 25        | 31.75     |
| 58         | 40         | 10        | 25.4      |
| 58         | 40         | 15        | 25.4      |
| 58         | 40         | 20        | 25.4      |
| 58         | 40         | 25        | 25.4      |

| D1<br>(mm) | D2<br>(mm) | L<br>(mm) | d<br>(mm) |
|------------|------------|-----------|-----------|
| 58         | 40         | 10        | 30        |
| 58         | 40         | 15        | 30        |
| 58         | 40         | 20        | 30        |
| 58         | 40         | 25        | 30        |
| 58         | 40         | 10        | 31.75     |
| 58         | 40         | 15        | 31.75     |
| 58         | 40         | 20        | 31.75     |
| 58         | 40         | 25        | 31.75     |
| 58         | 40         | 10        | 35        |
| 58         | 40         | 15        | 35        |
| 58         | 40         | 20        | 35        |
| 58         | 40         | 25        | 35        |
| 68         | 50         | 10        | 25.4      |
| 68         | 50         | 15        | 25.4      |
| 68         | 50         | 20        | 25.4      |
| 68         | 50         | 25        | 25.4      |
| 68         | 50         | 10        | 30        |
| 68         | 50         | 15        | 30        |
| 68         | 50         | 20        | 30        |
| 68         | 50         | 25        | 30        |
| 68         | 50         | 10        | 40        |
| 68         | 50         | 15        | 40        |
| 68         | 50         | 20        | 40        |
| 68         | 50         | 25        | 40        |

TF995 T-Bushings For Shaper Cutters

# TF996

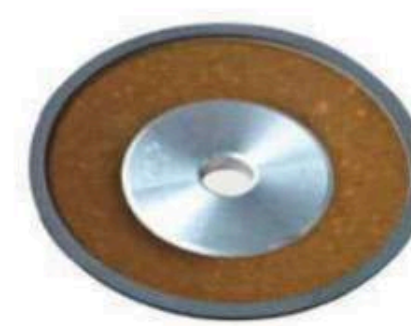
## Diamond Grinding Wheels



**SDC 500**  
Bakelite



**SDC 500**  
Bakelite



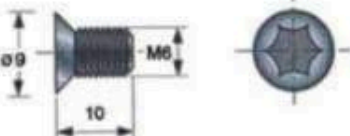
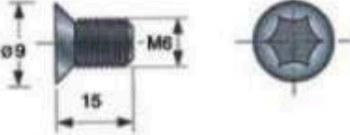
| Diamond Grinding Wheels |          |      |     |      |         |
|-------------------------|----------|------|-----|------|---------|
| Model                   | $\phi$ D | W    | X   | T    | H       |
| SDC 500x2               | 150mm    | 6mm  | 2mm | 15mm | 16/20mm |
| SDC 500x3               | 150mm    | 10mm | 3mm | 15mm | 16/20mm |

TF996 Diamond Grinding Wheels



# TF997

## Insert Shaper Cutter Replacement Parts, Accessories

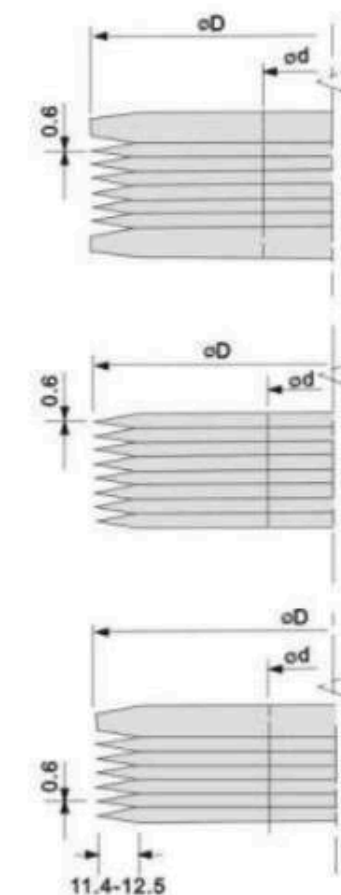
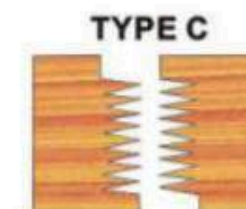
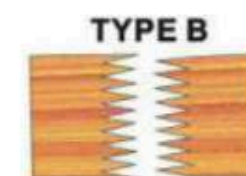
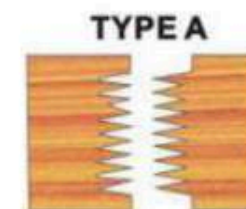
| Item No.  |                     |                                                                                      |
|-----------|---------------------|--------------------------------------------------------------------------------------|
| M615RH12  | Ratchet Screwdriver |    |
| M615T2030 | Screwdriver Bits    |    |
| M615T2050 | Screwdriver Bits    |    |
| 4.5 X 100 | Screwdriver         |    |
| 5 X 150   | Screwdriver         |   |
| 6 X 150   | Screwdriver         |  |
| M6 X 10   | Screw               |  |
| M6 X 15   | Screw               |  |
| M8 X 20   | Screw               |  |
| M10 X 20  | Screw               |  |
| M10 X 25  | Screw               |  |
| M12 X 30  | Screw               |  |

### TF997 Insert Shaper Cutter Replacement Parts, Accessories

### TF998 Carbide-Tipped Finger Joint Shaper Cutters

# TF998

## Carbide-Tipped Finger Joint Shaper Cutters



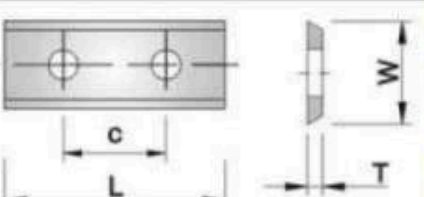
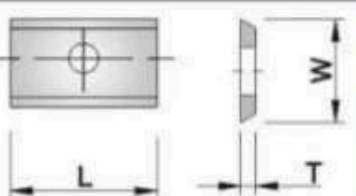
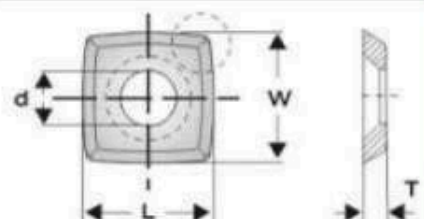
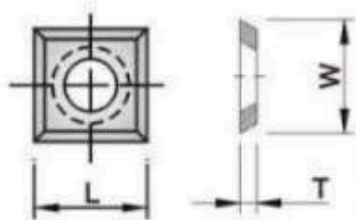
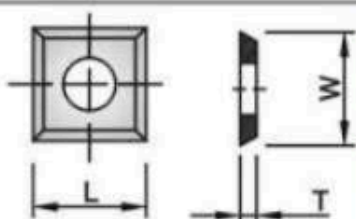
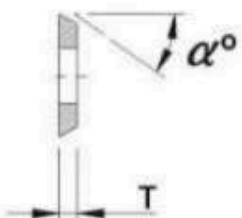
Finger Joint Shaper Cutters

| ITEM No. | $\phi$ D mm | W mm | $\phi$ d mm | Z |
|----------|-------------|------|-------------|---|
| TF998A   | 160         | 3.7  | 50          | 2 |
| TF998B   | 160         | 3.7  | 70          | 2 |
| TF998C   | 160         | 4.0  | 50          | 2 |
| TF998D   | 160         | 4.0  | 70          | 2 |
| TF998E   | 160         | 9.0  | 50          | 2 |
| TF998F   | 160         | 9.0  | 70          | 2 |
| TF998G   | 160         | 4.0  | 50          | 4 |
| TF998H   | 160         | 4.0  | 70          | 4 |
| TF998J   | 160         | 9.0  | 50          | 4 |
| TF998K   | 160         | 9.0  | 70          | 4 |



# TF999

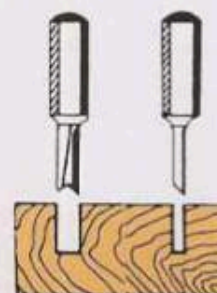
## Solid Carbide Replacement Knives



| ITEM No. | L mm  | W mm  | T mm | C mm | $\alpha^\circ$ |
|----------|-------|-------|------|------|----------------|
| TF999A   | L12   | L12   | 1.5  | —    | 35             |
| TF999B   | L14   | L14   | 2.0  | —    | 30             |
| TF999C   | L14   | L14   | 2.0  | —    | 37             |
| TF999D   | L14.6 | L14.6 | 2.5  | —    | 30             |
| TF999E   | L15   | L15   | 2.5  | —    | 30             |
| TF999F   | L15   | L15   | 2.5  | —    | 37             |
| TF999G   | L15   | L15   | 2.5  | R150 | 30             |
| TF999H   | L15   | L12   | 1.5  | —    | 35             |
| TF999J   | L20   | L12   | 1.5  | —    | 35             |
| TF999K   | L30   | L12   | 1.5  | 14   | 35             |
| TF999L   | L30   | L12   | 2.5  | 14   | 35             |
| TF999M   | L50   | L12   | 1.5  | 26   | 35             |
| TF999N   | L60   | L12   | 1.5  | 26   | 35             |

TF999 Solid Carbide Replacement Knives

### 1. 鉋花直刀



單刃

| 規格     | 單價          |
|--------|-------------|
| 1/8"   | 3m/m        |
|        | 3.6m/m      |
|        | 4m/m        |
| 3/16"  | 4.5m/m      |
|        | 5m/m        |
| 1/4"   | 6m/m        |
| 雙刃     |             |
| 1/4"   | 6m/m        |
| 9/32"  | 7m/m        |
| 5/16"  | 8m/m        |
| 3/8"   | 9m/m        |
| 7/16"  | 10m/m       |
| 1/2"   | 12m/m       |
| 5/8"   | 15m/m       |
| 3/4"   | 18m/m       |
| 7/8"   | 21m/m       |
| 1"     | 24m/m       |
| 1-1/8" | 27m/m       |
| 1-1/4" | 30m/m       |
|        | 12m/m x 45長 |
|        | 15m/m x 45長 |

### 2. 雙節刀

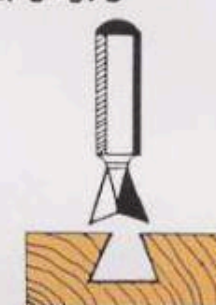


規格

單價

|       |  |
|-------|--|
| 6m/m  |  |
| 8m/m  |  |
| 12m/m |  |

### 5. 三角筍刀



規格

單價

|              |  |
|--------------|--|
| 8m/mx14m/m   |  |
| 9.5m/mx14m/m |  |

### 3. 單葉彫刻刀



規格

單價

|    |  |
|----|--|
| 3分 |  |
| 4分 |  |

### 6. 單節刀

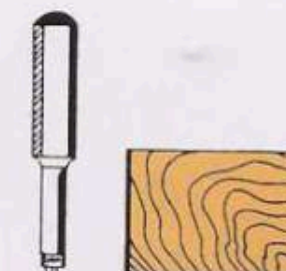


規格

單價

|      |  |
|------|--|
| 6m/m |  |
| 8m/m |  |

### 4. 修邊刀

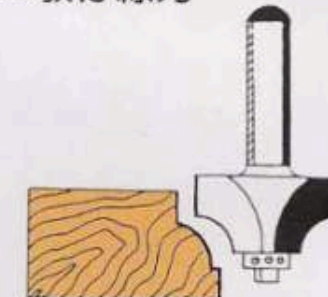


規格

單價

|      |    |  |
|------|----|--|
| 1/4" | 2分 |  |
| 3/8" | 3分 |  |
| 1/2" | 4分 |  |

### 7. 敏仔線刀



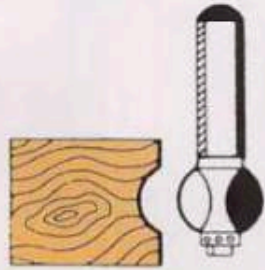
規格

單價

|       |     |  |
|-------|-----|--|
| 1/4"R | 2分  |  |
| 3/8"R | 2分半 |  |
| 1/2"R | 3分  |  |
| 5/8"R | 4分  |  |

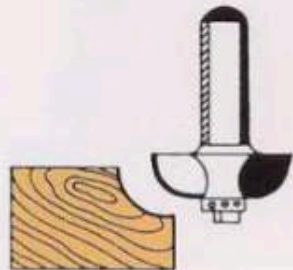


### 8. 邊指甲刀



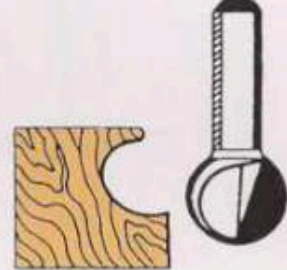
| 規格   | 單價 |
|------|----|
| 3分   |    |
| 4分   |    |
| 5分   |    |
| 6分   |    |
| 7分   |    |
| 8分   |    |
| 9分   |    |
| 1寸   |    |
| 1寸1分 |    |
| 1寸2分 |    |

### 10. 凸1/4R刀



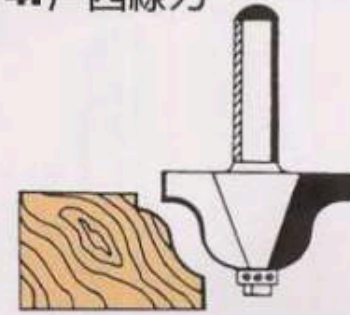
| 規格         | 單價 |
|------------|----|
| 3/16"R 3分  |    |
| 1/4"R 4分   |    |
| 5/16"R 5分  |    |
| 3/8"R 6分   |    |
| 7/16"R 7分  |    |
| 1/2"R 8分   |    |
| 9/16"R 9分  |    |
| 5/8"R 1寸   |    |
| 3/4"R 1寸2分 |    |

### 12. 手把刀



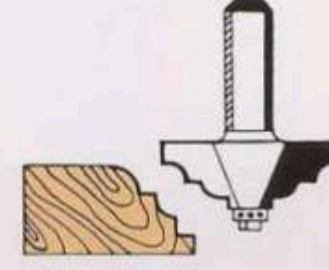
| 規格         | 單價 |
|------------|----|
| 3/16"R 3分  |    |
| 1/4"R 4分   |    |
| 5/16"R 5分  |    |
| 3/8"R 6分   |    |
| 7/16"R 7分  |    |
| 1/2"R 8分   |    |
| 5/8"R 1寸   |    |
| 3/4"R 1寸2分 |    |

### 14. 戶西線刀



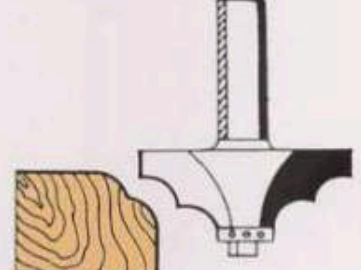
| 規格        | 單價 |
|-----------|----|
| 5/32"R 小型 |    |
| 1/4"R 中型  |    |
| 5/16"R 大型 |    |

### 17. 門框線刀



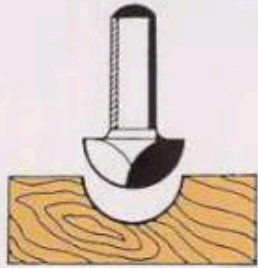
| 規格 | 單價 |
|----|----|
| 小型 |    |
| 中型 |    |
| 大型 |    |

### 20. 雙R線刀



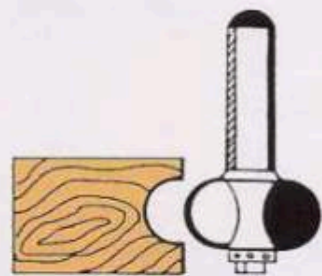
| 規格         | 單價 |
|------------|----|
| 3/16"R 1分半 |    |
| 1/4"R 2分   |    |
| 5/16"R 2分半 |    |
| 3/8"R 3分   |    |
| 1/2"R 4分   |    |
| 5/8"R 5分   |    |
| 3/4"R 6分   |    |
| 7/8"R 7分   |    |
| 1"R 8分     |    |

### 9. 凸半圓刀



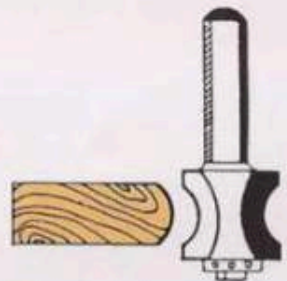
| 規格         | 單價 |
|------------|----|
| 3/16"R 3分  |    |
| 1/4"R 4分   |    |
| 5/16"R 5分  |    |
| 3/8"R 6分   |    |
| 7/16"R 7分  |    |
| 1/2"R 8分   |    |
| 9/16"R 9分  |    |
| 5/8"R 1寸   |    |
| 3/4"R 1寸1分 |    |

### 11. 邊正半圓刀



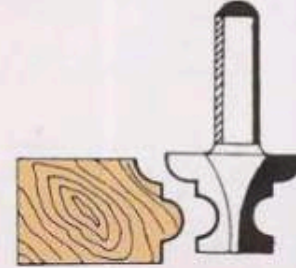
| 規格   | 單價 |
|------|----|
| 3分   |    |
| 4分   |    |
| 5分   |    |
| 6分   |    |
| 7分   |    |
| 8分   |    |
| 9分   |    |
| 1寸   |    |
| 1寸1分 |    |
| 1寸2分 |    |

### 13. 指甲圓刀



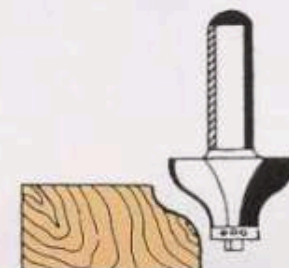
| 規格  | 單價 |
|-----|----|
| 2分  |    |
| 2分半 |    |
| 3分  |    |
| 4分  |    |
| 5分  |    |
| 6分  |    |
| 7分  |    |
| 8分  |    |
| 9分  |    |
| 1寸  |    |
| 1寸2 |    |

### 15. 皇宮線刀



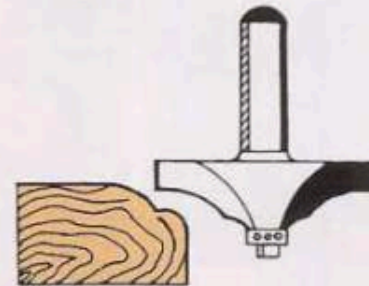
| 規格 | 單價 |
|----|----|
| 小型 |    |
| 中型 |    |
| 大型 |    |

### 18. 跳卓角線刀



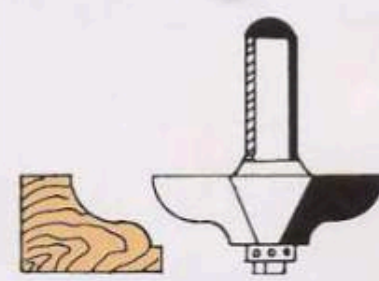
| 規格 | 單價 |
|----|----|
| 小型 |    |
| 中型 |    |
| 大型 |    |

### 16. 蘇骨丸刀



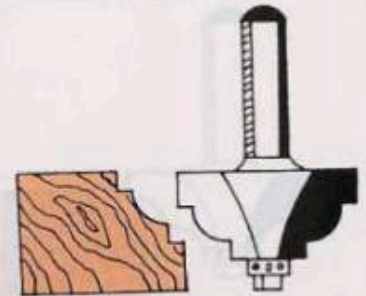
| 規格 | 單價 |
|----|----|
| 小型 |    |
| 中型 |    |
| 大型 |    |

### 19. 琉球線刀



| 規格 | 單價 |
|----|----|
| 小型 |    |
| 中型 |    |
| 大型 |    |

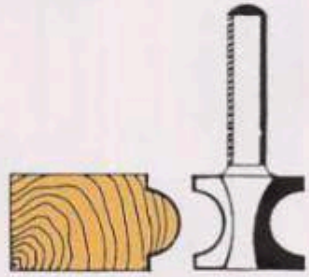
### 21. 凸敏仔線刀



| 規格 | 單價 |
|----|----|
| 3分 |    |
| 4分 |    |
| 5分 |    |
| 6分 |    |
| 7分 |    |
| 8分 |    |
| 9分 |    |
| 1寸 |    |

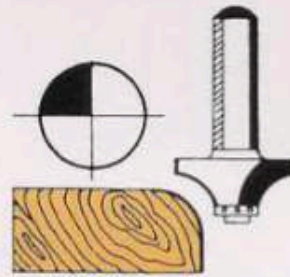


## 22. 正半圓刀



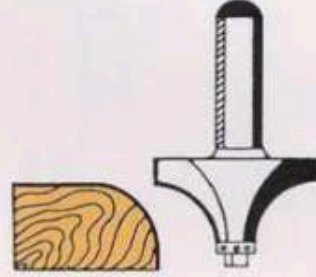
| 規格     |      | 單價 |
|--------|------|----|
| 1/8"R  | 2分   |    |
| 5/32"R | 2分半  |    |
| 3/16"R | 3分   |    |
| 1/4"R  | 4分   |    |
| 5/16"R | 5分   |    |
| 3/8"R  | 6分   |    |
| 7/16"R | 7分   |    |
| 1/2"R  | 8分   |    |
| 9/16"R | 9分   |    |
| 5/8"R  | 1寸   |    |
| 3/4"R  | 1寸2分 |    |

## 24. 1/4 對角刀 4合圓



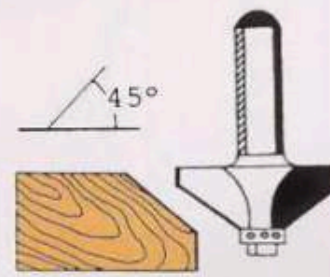
| 規格      |     | 單價 |
|---------|-----|----|
| 1/8"R   | 1分  |    |
| 3/16"R  | 1分半 |    |
| 1/4"R   | 2分  |    |
| 5/16"R  | 2分半 |    |
| 3/8"R   | 3分  |    |
| 7/16"R  | 3分半 |    |
| 1/2"R   | 4分  |    |
| 5/8"R   | 5分  |    |
| 3/4"R   | 6分  |    |
| 7/8"R   | 7分  |    |
| 1"R     | 8分  |    |
| 1-1/4"R | 1寸  |    |

## 26. 1/4R 刀



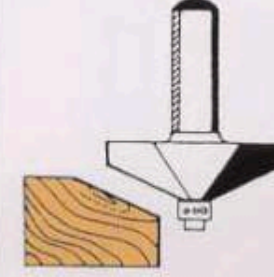
| 規格      |      | 單價 |
|---------|------|----|
| 3/16"R  | 2分   |    |
| 7/32"R  | 2分半  |    |
| 1/4"R   | 3分   |    |
| 5/16"R  | 4分   |    |
| 3/8"R   | 5分   |    |
| 7/16"R  | 6分   |    |
| 1/2"R   | 7分   |    |
| 17/32"R | 8分   |    |
| 9/16"R  | 9分   |    |
| 5/8"R   | 1寸   |    |
| 3/4"R   | 1寸2分 |    |
| 1"R     | 1寸半  |    |

## 28. 45° 斜羽刀



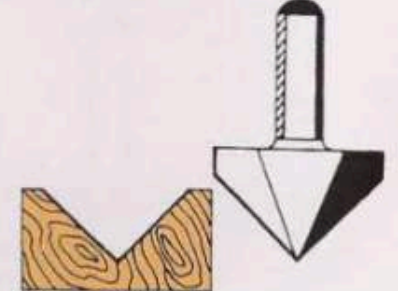
| 規格     |      | 單價 |
|--------|------|----|
| 3/8"   | 3分   |    |
| 1/2"   | 4分   |    |
| 5/8"   | 5分   |    |
| 3/4"   | 6分   |    |
| 7/8"   | 7分   |    |
| 1"     | 8分   |    |
| 1-1/8" | 9分   |    |
| 1-1/4" | 1寸   |    |
| 1-1/2" | 1寸2分 |    |

## 30. 馬鼻線刀



| 規格 | 單價 |
|----|----|
| 4分 |    |
| 5分 |    |

## 32. 三角錐刀



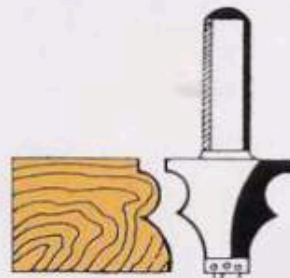
| 規格     |      | 單價 |
|--------|------|----|
| 3/8"   | 3分   |    |
| 1/2"   | 4分   |    |
| 5/8"   | 5分   |    |
| 3/4"   | 6分   |    |
| 7/8"   | 7分   |    |
| 1"     | 8分   |    |
| 1-1/8" | 9分   |    |
| 1-1/4" | 1寸   |    |
| 1-1/2" | 1寸2分 |    |

## 23. 開口彫刻刀



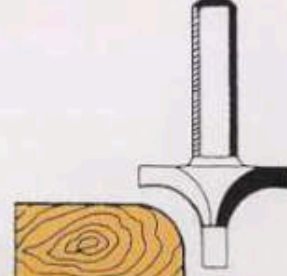
| 規格   | 單價 |
|------|----|
| 4分   |    |
| 5分   |    |
| 6分   |    |
| 7分   |    |
| 8分   |    |
| 1寸   |    |
| 1寸2分 |    |

## 25. 一條線刀



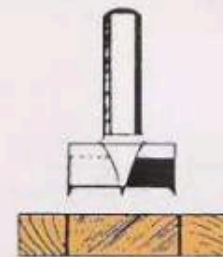
| 規格    |     | 單價 |
|-------|-----|----|
| 3/16" | 1分半 |    |
| 5/32" | 1分8 |    |
| 1/4"  | 2分  |    |
| 5/16" | 2分半 |    |
| 3/8"  | 3分  |    |

## 27. 有心彫刻刀



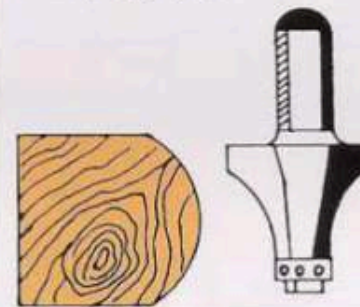
| 規格   | 單價 |
|------|----|
| 4分   |    |
| 5分   |    |
| 6分   |    |
| 7分   |    |
| 8分   |    |
| 1寸   |    |
| 1寸2分 |    |

## 29. 取孔刀



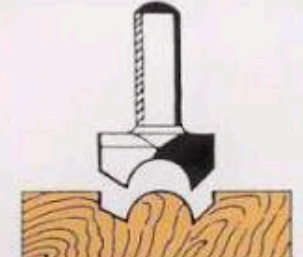
| 規格      |       | 單價 |
|---------|-------|----|
| 7/8"    | 7分半   |    |
| 1"      | 8分    |    |
| 1-1/8"  | 1寸    |    |
| 1-3/8"  | 1寸半   |    |
| 1-7/16" | 1寸2分  |    |
| 1-1/2"  | 1寸3分  |    |
| 1-9/16" | 1寸3分半 |    |
| 2-1/8"  | 1寸8分  |    |

## 31. 半指甲刀



| 規格    | 單價 |
|-------|----|
| 25m/m |    |
| 30m/m |    |
| 35m/m |    |
| 40m/m |    |
| 45m/m |    |
| 50m/m |    |
| 55m/m |    |
| 60m/m |    |
| 65m/m |    |
| 70m/m |    |
| 75m/m |    |
| 80m/m |    |

## 33. 龍珠刀



| 規格  | 單價 |
|-----|----|
| 3分  |    |
| 4分  |    |
| 5分  |    |
| 6分  |    |
| 7分  |    |
| 8分  |    |
| 1寸  |    |
| 1寸2 |    |

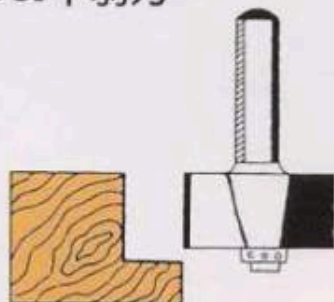


### 34. 清底刀



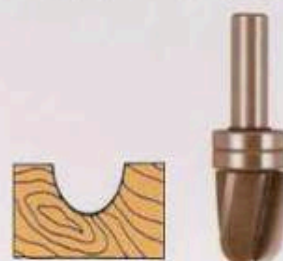
| 規格     |      | 單價 |
|--------|------|----|
| 3/4"   | 6分   |    |
| 7/8"   | 7分   |    |
| 1"     | 8分   |    |
| 1-1/8" | 9分   |    |
| 1-1/4" | 1寸   |    |
| 1-1/2" | 1寸1分 |    |
| 1-3/4" | 1寸半  |    |
| 2"     | 1寸7分 |    |

### 36. 平羽刀



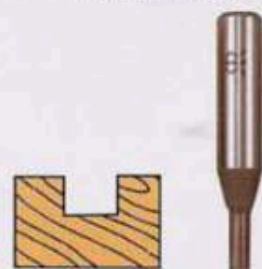
| 規格         |        | 單價 |
|------------|--------|----|
| 1/4"x3/8"  | 6x10   |    |
| 1/16"x1/2" | 7.5x12 |    |
| 3/8"x1/2"  | 9x12   |    |
| 1/2"x5/8"  | 12x15  |    |

### 37. 背牆刀 (人造石)



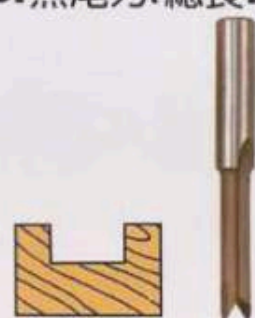
| 規格           | 單價 |
|--------------|----|
| 12 x 24 x 2T |    |
| 12 x 24 x 3T |    |
| 12 x 24 x 4T |    |

### 38. TCT 全鎢鋼刀



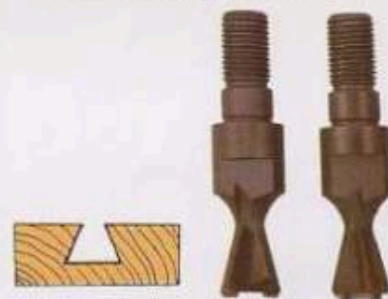
| 規格               | 單價 |
|------------------|----|
| 12柄 x 2m/m x 8長  |    |
| 12柄 x 3m/m x 12長 |    |
| 12柄 x 4m/m x 12長 |    |
| 12柄 x 5m/m x 12長 |    |
| 12柄 x 6m/m x 15長 |    |
| 12柄 x 7m/m x 15長 |    |

### 39. 燕尾刀 (總長100長)



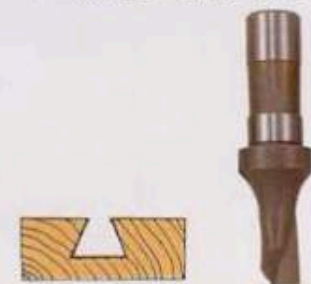
| 規格          | 單價 |
|-------------|----|
| 12柄 x 8m/m  |    |
| 12柄 x 9m/m  |    |
| 12柄 x 10m/m |    |
| 12柄 x 11m/m |    |
| 12柄 x 12m/m |    |
| 12柄 x 13m/m |    |
| 12柄 x 14m/m |    |
| 12柄 x 15m/m |    |
| 12柄 x 16m/m |    |

### 40. 三角筍帶牙刀



| 規格                     | 單價 |
|------------------------|----|
| m9 x1.25牙 x 14m/m x14度 |    |
| 3/8 x24牙 x 14m/m x14度  |    |

### 41. 偏心三角筍刀



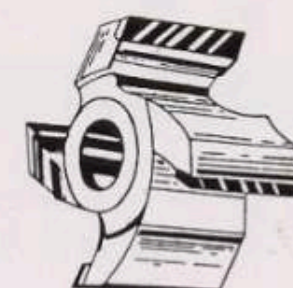
| 規格          | 單價 |
|-------------|----|
| 15m/m x 10度 |    |

### 42.4 烏槽刀



| 規格  | ※單價 |
|-----|-----|
| 1分  |     |
| 1分2 |     |
| 1分半 |     |
| 2分  |     |
| 2分半 |     |
| 3分  |     |
| 4分  |     |
| 5分  |     |
| 6分  |     |
| 7分  |     |
| 1寸2 |     |
| 馬鼻  |     |
| 倒敏  |     |

### 43.4T 立軸平刀



| 規格     | 單價 |
|--------|----|
| 1"     |    |
| 1-1/2" |    |
| 2"     |    |
| 2-1/2" |    |
| 3"     |    |
| 4"     |    |

### 44.3T 立軸平刀



| 規格     | 單價 |
|--------|----|
| 1"     |    |
| 1-1/2" |    |
| 2"     |    |
| 2-1/2" |    |
| 3"     |    |
| 4"     |    |

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橡膠斜輪 RUBBER OBLIQUE ROLLER
- 6.64.65  
橡膠輪 RUBBER ROLLER
- 12-26.29.46.49.50.51.62.63  
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- 27  
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SPONGE ROLLER FOR SANDING MACHINE
- 43-45.47.48  
棒式海綿輪 SPONGE ROLLER
- 41.42  
氣動工具 AIR TOOL

- 30  
不銹鋼 ABRASIVE BRUSH WHEEL
- 31.32  
砂布輪 ABRASIVE FLAP SHEET WHEEL
- 33  
棕櫚輪 PALM BRUSH WHEEL
- 34.35  
鋁輪 ALUMINUM ROLLER
- 36  
空氣輪 AIR ROLLER, AIR DRUM
- 39.40  
刷子 BRUSH
- 46.49.50.51  
海綿輪 SPONGE ROLLER
- 52.54.58.72.73.75  
送料橡膠輪 POWER FEEDER ROLLER
- 55.56.76.77  
凹面磨輪 MOULDER ROLLER
- 57.71  
橡膠離心輪 RUBBER CENTRIFUGAL WHEEL
- 60  
不織布砂輪 NON-WOVEN WHEEL
- 70.85  
海綿砂 SPONGE SANDING BLOCK
- 78  
鋼輪 STEEL ROLLER
- 79  
石墨布 GRAPHITE CLOTH
- 80-84.87.88  
4"平面砂布輪 DISC FLAP WHEEL
- 89  
砂布鼓 SANDING DRUM
- 61.66-69  
橡膠輪 RUBBER ROLLER

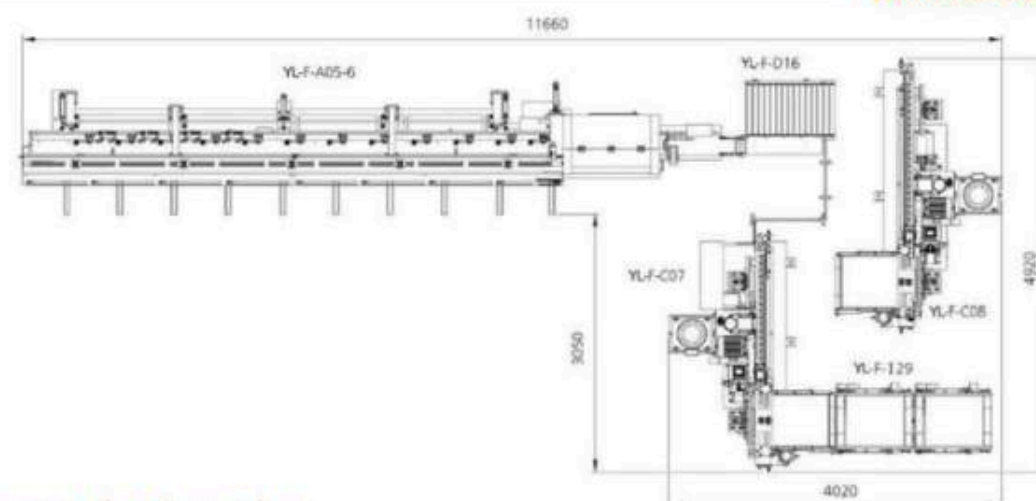




# YL-FL-08

## Dimensions

- YL-F-A05-6  
Auto Assembly Press
- YL-F-D16  
Hand Feeding Table
- YL-F-C08  
Auto Finger Shaper (Left End)
- YL-F-C07  
Auto Finger Shaper (Right End)
- YL-F-I29x2  
Multi-stage Initial Conveyor Table



## YL-FL-08 Finger Jointing Line

### YL-F-I29 Multi-stage Initial Conveyor Table

| SPECIFICATIONS       |       |
|----------------------|-------|
| Conveyor table width | 600mm |
| Table height         | 875mm |
| Feed drive motor     | 1/2HP |
| Overall length       | 990mm |
| Overall width        | 840mm |

\*Additional units to expand the system are available upon request.

### YL-F-D16 Hand Feeding Table

| SPECIFICATIONS |           |
|----------------|-----------|
| Table width    | 570mm     |
| Roller sizes   | Ø57x570mm |
| Machine height | 960mm     |
| Machine length | 1065mm    |
| Machine width  | 890mm     |

\* 1: The standard gluing device is roller type, the tenon depth is 12 mm.  
2: Inject type gluing system can be installed upon request.

### YL-F-C07 Auto Finger Shaper (Right End)

| SPECIFICATIONS                     |                                 |
|------------------------------------|---------------------------------|
| Max. available width working table | 600 mm                          |
| Range of workpiece length          | 150 ~ 900 mm                    |
| Range of workpiece height          | 30 ~ 160 mm                     |
| Table moving speed                 | 3 ~ 4 carts/min.                |
| Trimming saw speed                 | 2800 rpm (50hz), 3400rpm (60hz) |
| Finger cutter speed                | 5000 rpm                        |
| Scoring saw speed                  | 2800 rpm (50hz), 3400rpm (60hz) |
| POWER REQUIRED                     |                                 |
| Table drive motor                  | 1HP                             |
| For conveyor motor                 | 1/2HP                           |
| Scoring saw motor                  | 2HP                             |
| Trim saw motor                     | 5HP                             |
| Shaper cutter motor                | 20HP                            |
| Dia of Cutter (in/out)             | Ø70/Ø160 mm                     |
| Dust hood outlet diameter          | 6"×1, 4"×1                      |
| Machine dimensions ( L x H x W )   | 2860×1390×1980 mm               |
| Noise Value                        | 88.2 Db                         |

### YL-F-C08 Auto Finger Shaper (Left End)

| SPECIFICATIONS                     |                                 |
|------------------------------------|---------------------------------|
| Max. available width working table | 600 mm                          |
| Range of workpiece length          | 150 ~ 900 mm                    |
| Range of workpiece height          | 30 ~ 160 mm                     |
| Table moving speed                 | 3 ~ 4 carts/min.                |
| Trimming saw speed                 | 2800 rpm (50hz), 3400rpm (60hz) |
| Finger cutter speed                | 5000 rpm                        |
| Scoring saw speed                  | 2800 rpm (50hz), 3400rpm (60hz) |
| POWER REQUIRED                     |                                 |
| Table drive servo motor            | 1HP                             |
| For conveyor motor                 | 1/2HP                           |
| Scoring saw motor                  | 2HPx2                           |
| Trim saw motor                     | 5HP                             |
| Shaper cutter motor                | 20HP                            |
| Dia of Cutter (in/out)             | Ø70/Ø160 mm                     |
| Dust hood outlet diameter          | 6"×1, 4"×1                      |
| Machine dimensions ( L x H x W )   | 3270×1680×1980 mm               |
| Noise Value                        | 88.2 Db                         |

\* 1: The standard gluing device is roller type, the tenon depth is 12 mm.  
2: Inject type gluing system can be installed upon request.

### YL-F-A05-6 Auto Assembly Press

| SPECIFICATIONS                 |            |
|--------------------------------|------------|
| Available length of product    | 6200 mm    |
| Available thickness of product | 15 ~ 60 mm |
| Available width of product     | 20 ~ 160mm |
| Feeding speed                  | 80m/min    |
| Capacity length product        | 4 ~ 6 pcs  |

\*All specifications, dimensions and design characteristics are subject to change without prior notice.

| POWER REQUIRED                   |                         |
|----------------------------------|-------------------------|
| Feed motor                       | 3HP                     |
| Max. assembly pressure           | 0~150Kg/cm <sup>2</sup> |
| Hydraulic power unit             | 5HP                     |
| Cut-off saw                      | 5HP                     |
| Dust hood outlet diameter        | 4" (101.6mm)            |
| Machine dimensions ( L x H x W ) | 8610×1465×1545 mm       |
| Noise Value                      | 84 Db                   |