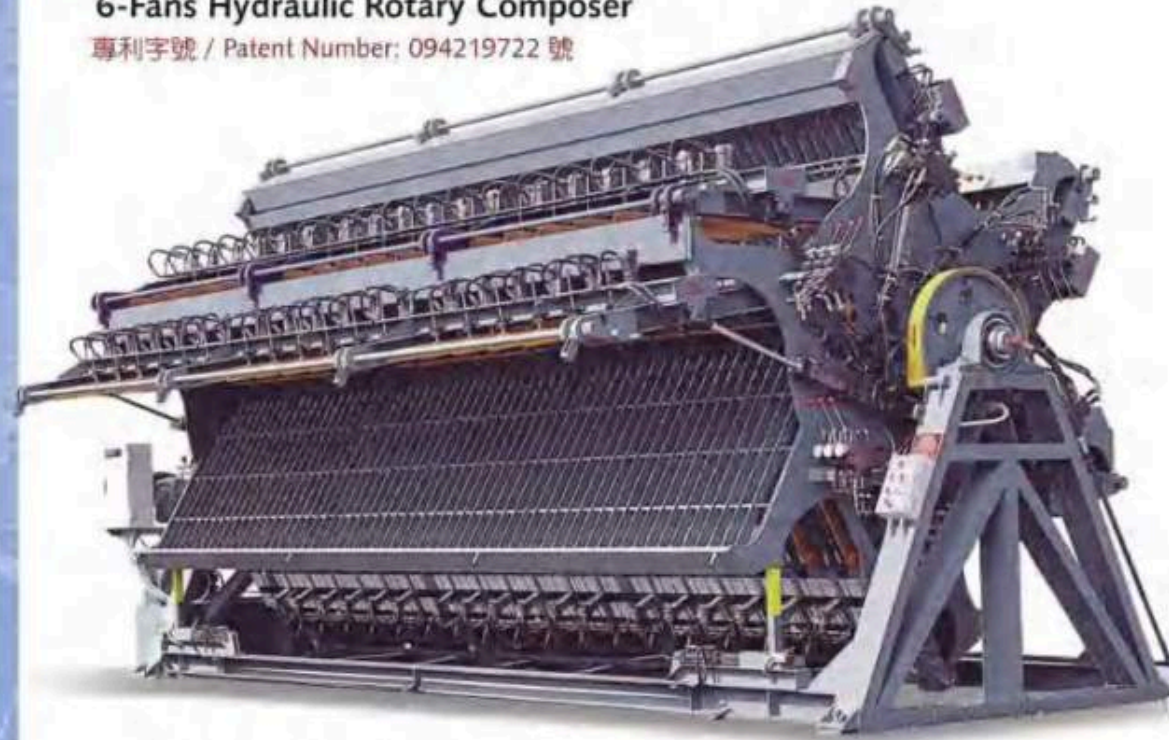


R6-6200-1300-150-D

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 ² 1 section 18pcs total 108pcs	800x80mm ² 1 section 16pcs total 96pcs	800x80mm ² 1 section 13pcs total 78pcs	800x80mm ² 1 section 13pcs total 78pcs
上壓 Surface Press	400x150mm ² 1 section 18pcs total 108pcs	400x150mm ² 1 section 16pcs total 96pcs	400x150mm ² 1 section 13pcs total 78pcs	
側壓 Side Lift	630x530mm ² 1 section 2pcs total 12pcs	630x530mm ² 1 section 2pcs total 12pcs	630x530mm ² 1 section 2pcs total 12pcs	630x280mm ² 1 section 2pcs total 12pcs
壓力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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.

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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 ² 1 section 10pcs total 60pcs	800x80mm ² 1 section 10pcs total 60pcs	1000x80mm ² 1 section 10pcs total 60pcs	800x80mm ² 1 section 8pcs total 48pcs	800x80mm ² 1 section 8pcs total 48pcs	1000x80mm ² 1 section 8pcs total 48pcs
400x150mm ² 1 section 10pcs total 60pcs			400x150mm ² 1 section 8pcs total 48pcs		
630x530mm ² 1 section 2pcs total 12pcs	630x280mm ² 1 section 2pcs total 12pcs	630x280mm ² 1 section 2pcs total 12pcs	630x530mm ² 1 section 2pcs total 12pcs	630x280mm ² 1 section 2pcs total 12pcs	630x280mm ² 1 section 2pcs total 12pcs
140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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.

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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:

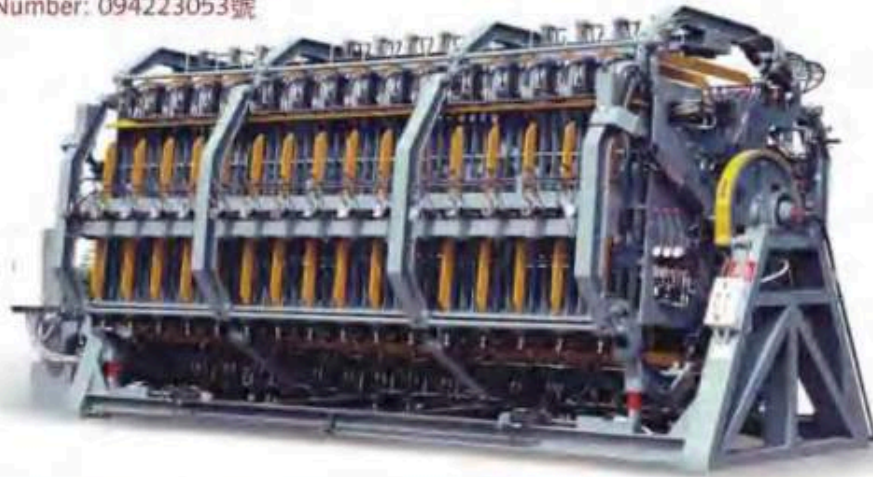
門框組立用側壓油壓缸
Combination frame side press oil cylinder.
如需生產框架時，才使用此裝置。
To produce combination frame use this device.

R4-6200-1300-150-D/M

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

專利字號 / Patent Number: 094223053號

- ◎ 專利工作機面可拆式設計，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.



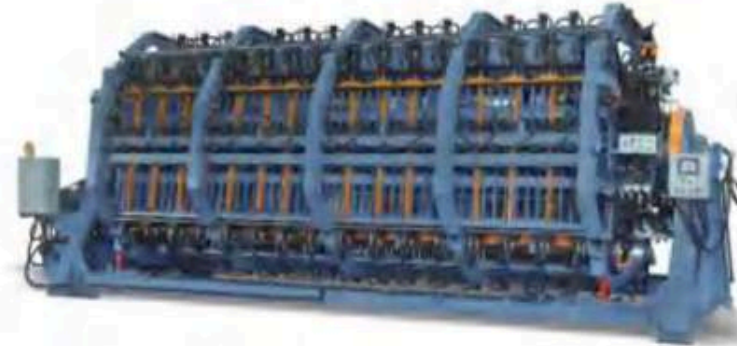
R4-2500-1300-210-D/M/H

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



R4-6200-1300-150 D/M

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 ² 1 section 18pcs total 72pcs	800x80mm ² 1 section 16pcs total 64pcs	800x80mm ² 1 section 13pcs total 52pcs	800x80mm ² 1 section 10pcs total 40pcs	1000x80mm ² 1 section 10pcs total 40pcs	800x80mm ² 1 section 8pcs total 32pcs	1000x80mm ² 1 section 8pcs total 32pcs
上壓 Surface Press	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 16pcs total 32pcs	400x150mm ² 1 section 13pcs total 26pcs	400x150mm ² 1 section 10pcs total 20pcs	400x150mm ² 1 section 10pcs total 20pcs	400x150mm ² 1 section 8pcs total 16pcs	400x150mm ² 1 section 8pcs total 16pcs
側舉 Side Lift	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs
壓力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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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特殊規格，可依客戶要求設計製作。

Special specifications can be designed and manufactured upon request.

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

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



R1-4600-1300-150-A/D

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 ² 1 section 18pcs total 36pcs	1000x80mm ² 1 section 18pcs total 36pcs	800x80mm ² 1 section 16pcs total 32pcs	1000x80mm ² 1 section 16pcs total 32pcs	800x80mm ² 1 section 13pcs total 26pcs
上壓 Surface Press	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 16pcs total 32pcs	400x150mm ² 1 section 16pcs total 32pcs	400x150mm ² 1 section 13pcs total 26pcs
側舉 Side Lift	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs
壓力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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 ² 1 section 10pcs total 20pcs	800x80mm ² 1 section 10pcs total 20pcs	1000x80mm ² 1 section 10pcs total 20pcs	800x80mm ² 1 section 8pcs total 16pcs	1000x80mm ² 1 section 8pcs total 16pcs
上壓 Surface Press	400x150mm ² 1 section 13pcs total 26pcs	400x150mm ² 1 section 10pcs total 20pcs	400x150mm ² 1 section 10pcs total 20pcs	400x150mm ² 1 section 8pcs total 16pcs	400x150mm ² 1 section 8pcs total 16pcs
側舉 Side Lift	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 4pcs
壓力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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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特殊規格，可依客戶要求設計製作。

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 Two sections in one by connection	12000-1300-250-V or L/H 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 ² 1 section 18 pcs total 36pcs	1000x80mm ² 1 section 18pcs total 36pcs	800x80mm ² 1 section 18pcs total 18pcs
上 壓 Surface Press	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 18pcs total 18pcs
側 舉 Side Lift	800x900mm ² 1 section 2pcs total 4pcs	800x900mm ² 1 section 2pcs total 4pcs	630x550mm ² 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 ² 9 units 18pcs	500x30mm ² 9 units 18pcs	500x30mm ² 9 units 18pcs
壓 力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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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Special specifications can be designed and manufactured upon request.

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 Two sections in one by connection	12000-1300-250-A/D 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 ² 1 section 18 pcs total 36pcs	1000x80mm ² 1 section 18pcs total 36pcs	800x80mm ² 1 section 18pcs total 18pcs
上 壓 Surface Press	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 18pcs total 36pcs	400x150mm ² 1 section 18pcs total 18pcs
側 舉 Side Lift	630x450mm ² 1 section 2pcs total 4pcs	630x450mm ² 1 section 2pcs total 4pcs	630x550mm ² 1 section 2pcs total 2pcs
壓 力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²
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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特殊規格,可依客戶要求設計製作。

Special specifications can be designed and manufactured upon request.

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：

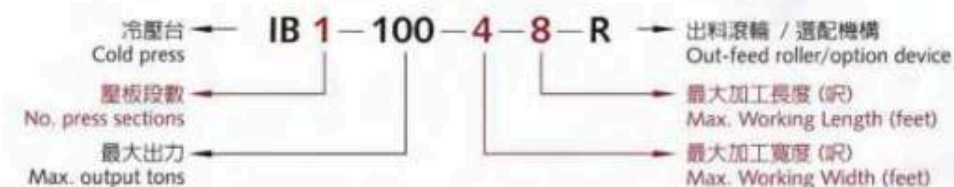
此機械是特別針對大面積的木板加工所設計。
適用於拼板、合板、木蕊板、密迪板、纖維板
門板...等之表面薄片貼合加工成型。

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 (1.72 kg/cm ²)	80 tons (2.75 kg/cm ²)	100 tons (3.44 kg/cm ²)	150 tons (5.16 kg/cm ²)
油壓缸 Hydraulic Cylinder	100Øx4支 / pcs	125Øx4支 / pcs	150Øx4支 / pcs	150Øx6支 / pcs
行程 Stroke	250mm ¹	250mm ¹	250mm ¹	250mm ¹
最大開距 Max. Working High	1000mm	1000mm	1000mm	1000mm
幫浦出力 Pump Output	210 kg/cm ²	210 kg/cm ²	210 kg/cm ²	210 kg/cm ²
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) Raising material roller stand	50Øx30mm ¹ 4支 / pcs	50Øx30mm ¹ 4支 / pcs	50Øx30mm ¹ 4支 / pcs	50Øx30mm ¹ 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，具有極佳的鎖緊特性。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



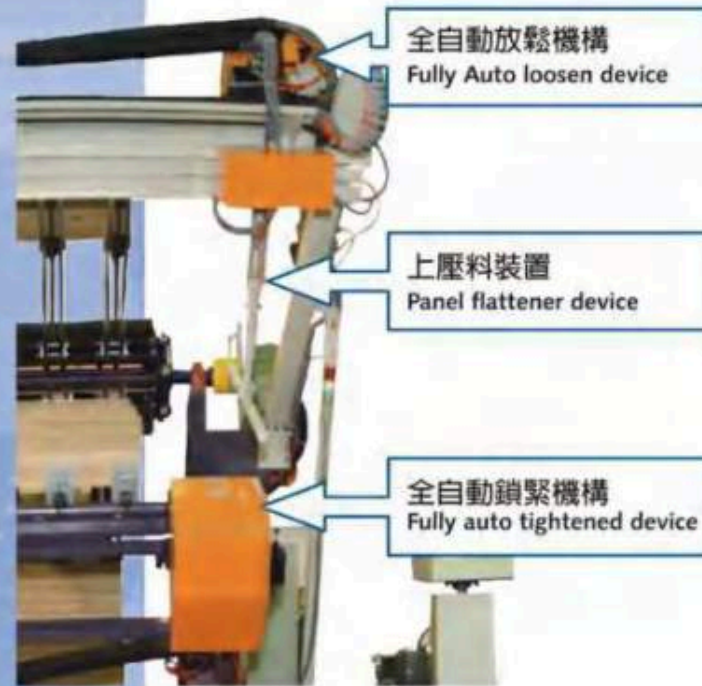
上壓料裝置-確保木材於夾具鎖緊時，可保持加工物的平整度。

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:

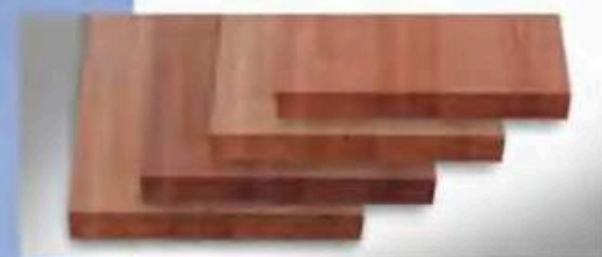
Manual hydraulic tightened / fully auto loosen device - upper section use fully auto loosen clamps, bottom section use manual hydraulic motor to tightened clamps. It can save a lot of time and improve productivity

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。

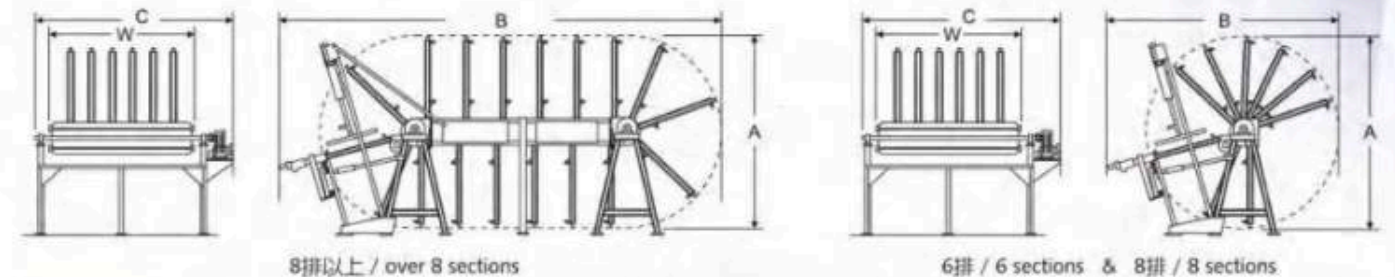
Heavy-duty worm gear reducer to ensure the transmission quality of the machinery, and even in the state of unbalanced load rotation the caterpillar chain for rotation feeding is stable.

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 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 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 Width m/m	40排 / 40 sections	6200	6600	6900	7200	7300
	工作寬度 / 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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R2-DP6-48-2-H
門框/桌椅組立機
Door Frame, Table & chairs
Assembly Machine

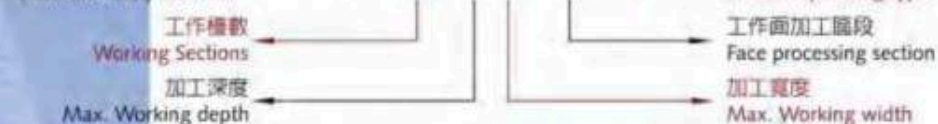
專利字號 / Patent Number: M432516號

**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 ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 6pcs total 36pcs
側送壓缸 Side Press Hydraulic Cylinder	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 4pcs total 24pcs	300x50mm ² 1 section 6pcs total 36pcs	300x50mm ² 1 section 4pcs total 24pcs	300x50mm ² 1 section 4pcs total 24pcs	300x50mm ² 1 section 4pcs total 24pcs	300x50mm ² 1 section 4pcs total 24pcs	300x50mm ² 1 section 4pcs total 24pcs
壓力 Pressure	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	140 kg/cm ²	7 kg/cm ²	7 kg/cm ²	7 kg/cm ²	7 kg/cm ²
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
油壓泵浦 Hydraulic Pump	2 HP	2 HP	2 HP	2 HP	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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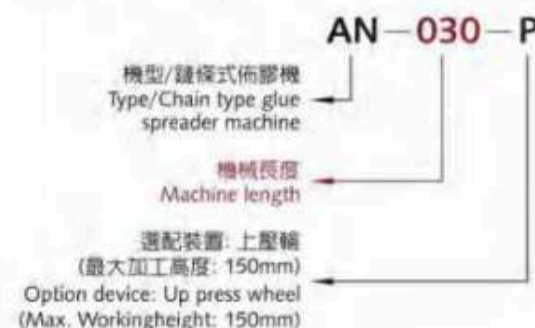
R2-DP9-36-1-M
門框/桌椅組立機
Door Frame, Table & chairs
Assembly Machine
**AN-030**
鏈條式佈膠機
Chain Type Glue
Spreader
**機械特點:**

- 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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Special specifications can be designed and manufactured upon request.

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 W:1200 H:1750(mm)		L:1800 W:1400 H:1850(mm)		L:2400 W:1700 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. 機種變更設計不另通知。 "2" Two outputs. "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 W:1350 H:2000(mm)	L:2100 W:1550 H:2100(mm)	L:2500 W:1800 H:2150(mm)	L:3000 W:1900 H:2200(mm)	L:3600 W:2300 H:2300(mm)
WEIGHT 重量	3300kg	4200kg	4900kg	5500kg	6800kg
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 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 15~50mm	950x1850x 15~50mm	1250x2500x 15~50mm	1250x3000x 15~50mm	1250x5000x 15~50mm	1250x6000x 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 W:1800 H:2000(mm)	L:6000 W:1800 H:2050(mm)	L:7800 W:2200 H:2200(mm)	L:9500 W:2500 H:2200(mm)	L:16200 W:2200 H:2200(mm)	L:19500 W:2250 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. 機種變更設計不另通知。 2. The max range of processing thickness can up to 300mm. 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 15~50mm	1300x2500x 15~100mm	1300x2500x 15~150mm	1300x6000x 15~50mm	1300x6000x 15~200mm	1300x6000x 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 W:2200 H:2450(mm)	L:9100 W:2200 H:2450(mm)	L:9200 W:2200 H:2500(mm)	L:19400 W:2200 H:2500(mm)	L:19600 W:2200 H:2550(mm)	L:19900 W:2250 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. 機種變更設計不另通知。 2. The max range of processing thickness can up to 300mm. 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

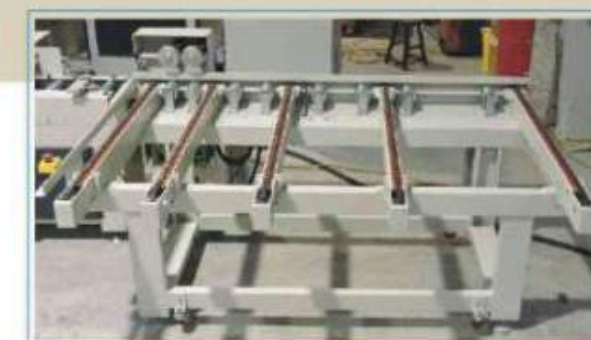


Glue spreader 佈膠機

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。

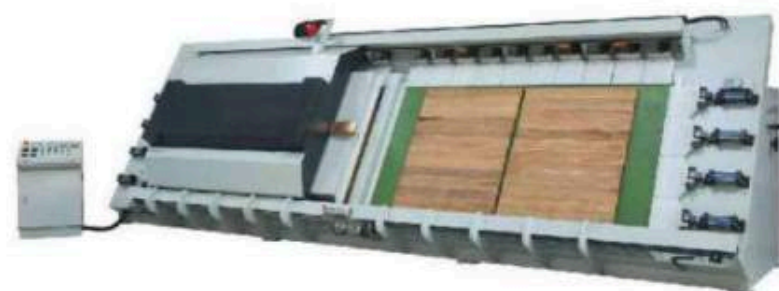
TECHNICAL SPECIFICATION

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

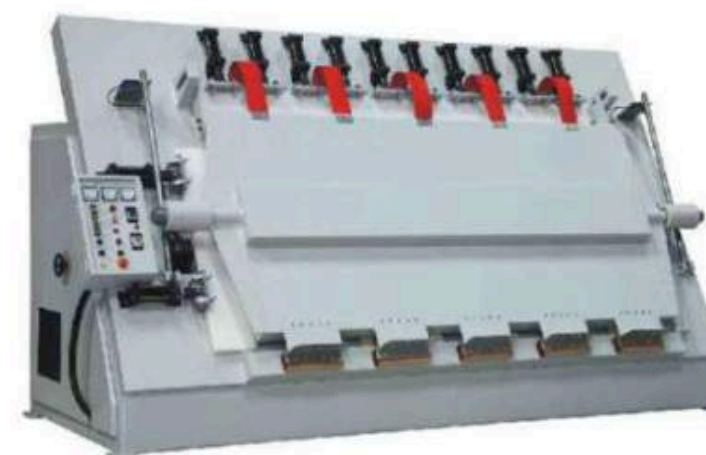
TECHNICAL SPECIFICATION

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 15~50mm	1250x3600x 15~100mm	1250x4500x 15~150mm
HYDRAULIC SYSTEM 油壓系統	5HP-4P	7.5HP-4P	10HP-4P
DIMENSIONS 機械尺寸	L:6500 W:1800 H:2200(mm)	L:7700 W:1950 H:2200(mm)	L:8600 W:2050 H:2250(mm)
WEIGHT 重量	8600kg	9400kg	10400kg
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 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
1. 拼板
2. Cabinet Door Forming
2. 櫥櫃門成型
3. Solid Wood Edge Banding
3. 實木封邊
4. MDF Edge Banding
4. MDF封邊
5. Framing
5. 組框
6. Special Applications
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. 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. 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



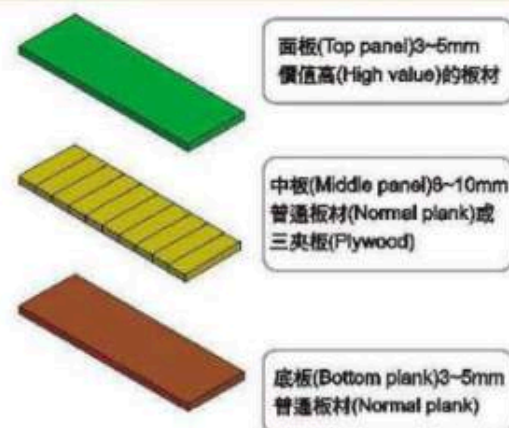
TECHNICAL SPECIFICATION

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. 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. 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. 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

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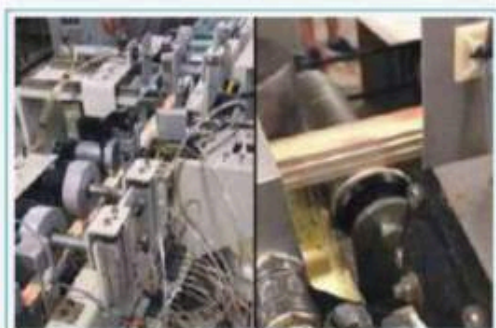


TECHNICAL SPECIFICATION	
MODEL 型號	YL-1015-CS
MAIN VOLTAGE 電源電壓	3 PHASE 200-600V 50/60HZ
INPUT POWER 入力	50 KVA
OUTPUT POWER 出力	30 KW
WORKING AREA 工作面積	L:2000 W:600 H:600(mm)
DIMENSIONS 機械尺寸	L:5600 W:3200 H:1900(mm)
WEIGHT 重量	4000kg
REMARK 備註	* These specifications and appearance are subject to change without notice. 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



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



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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

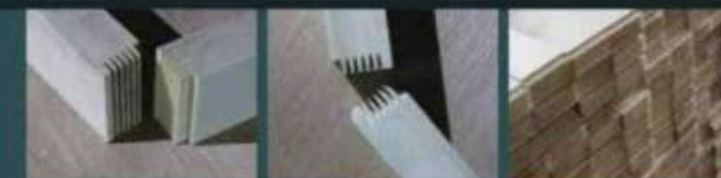
5.5米鏈條長度

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。

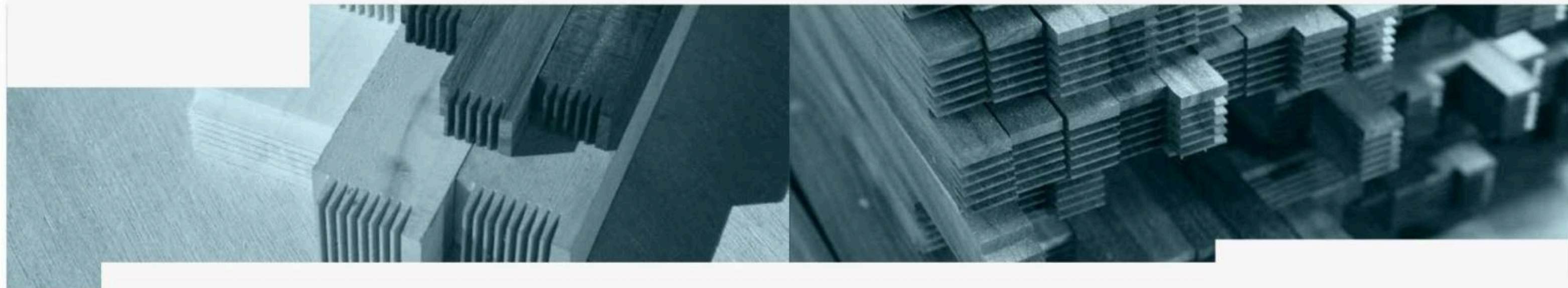


Table Driven by Servo Motor

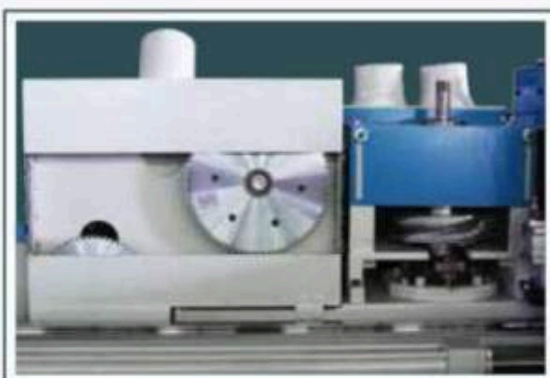
- The tables on the right and left finger shaper can be driven by servo motor, which combined with the use of linear guide ways and the rack for transmission. As a result, high moving speed can be achieved.

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

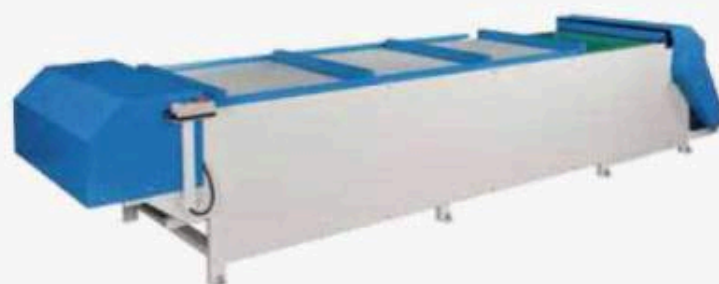
- The top three infeed rollers are loaded with individual air cylinder, making wood infeed smoother.

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)

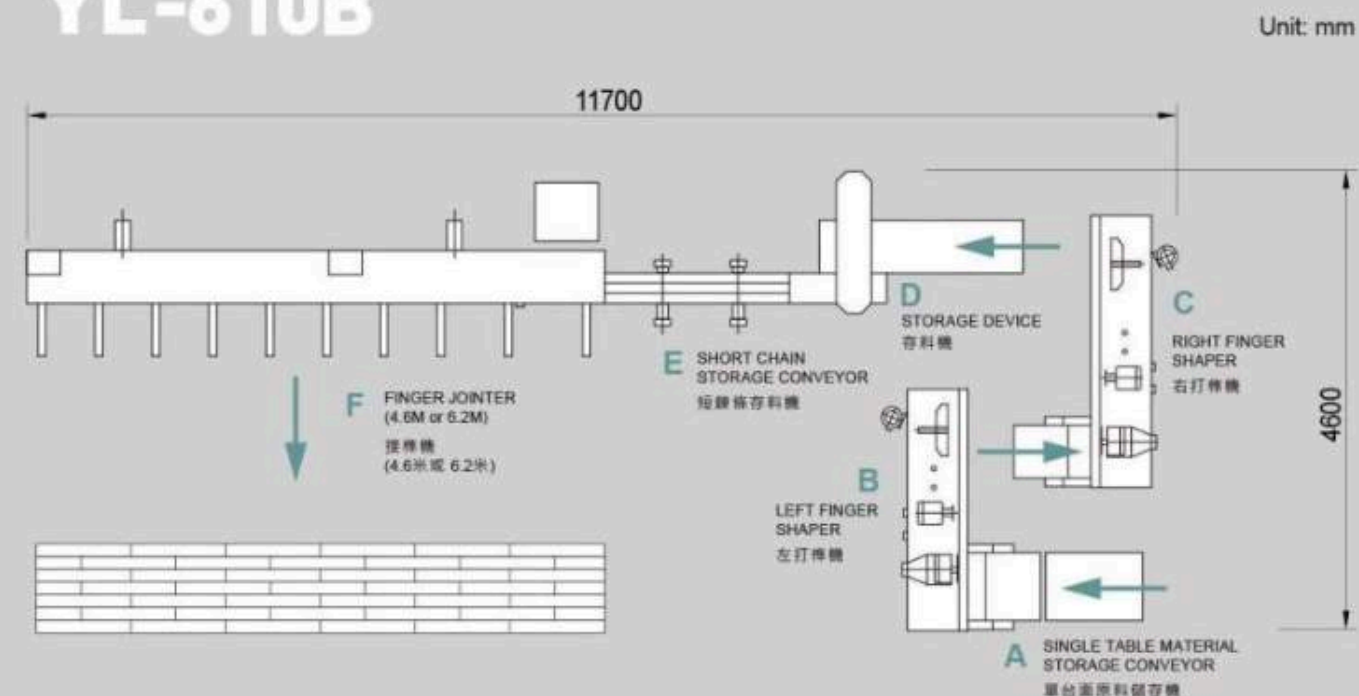
- 自動備料機安裝在左打棒機前面，提供作業員足夠的置料時間。

備料機長度

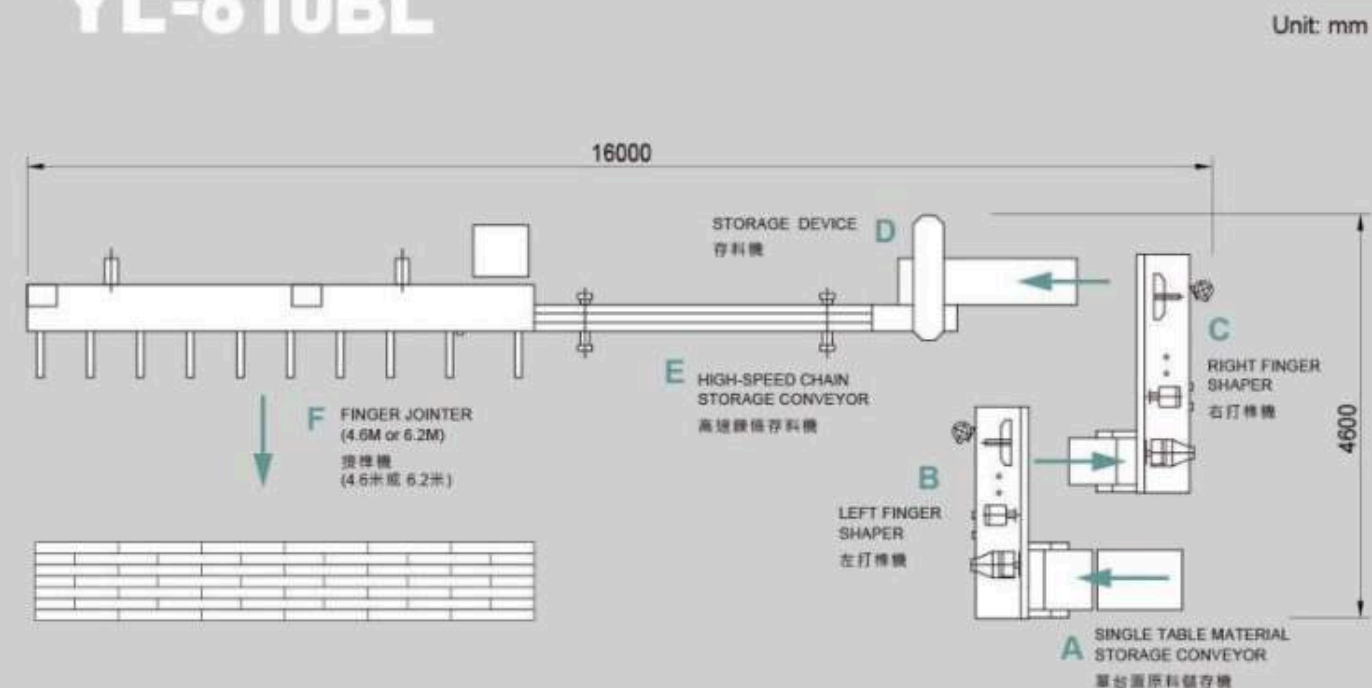
- 自動備料機長度依打棒機之工作台寬度而定。

Motion Flow Chart 動作流程圖

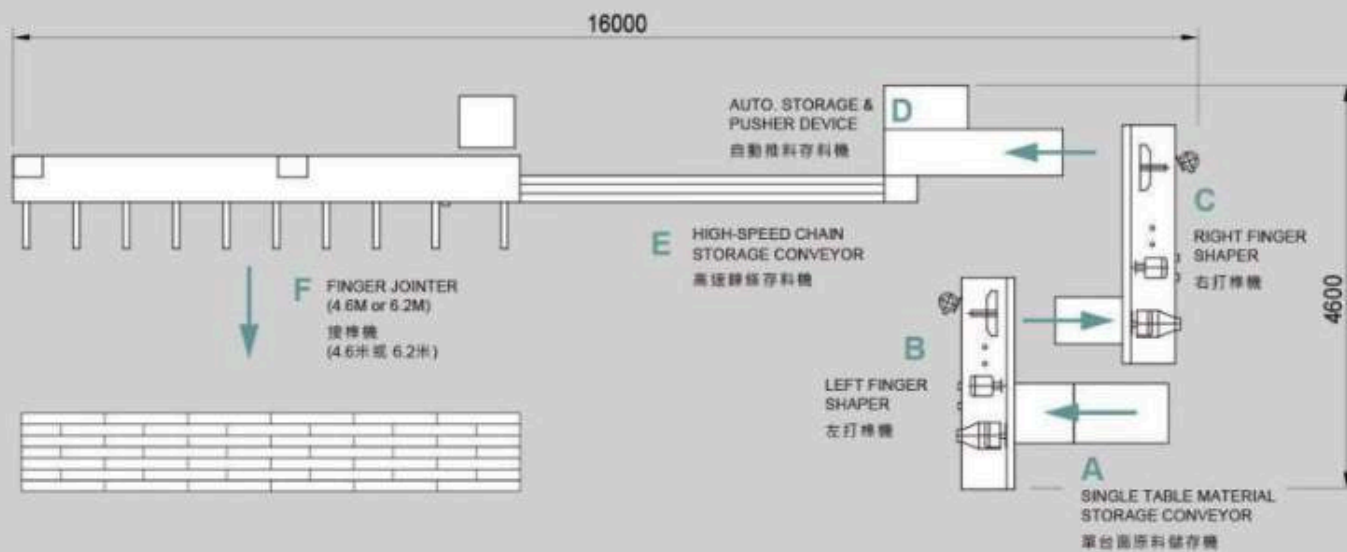
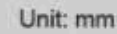
YL-610B



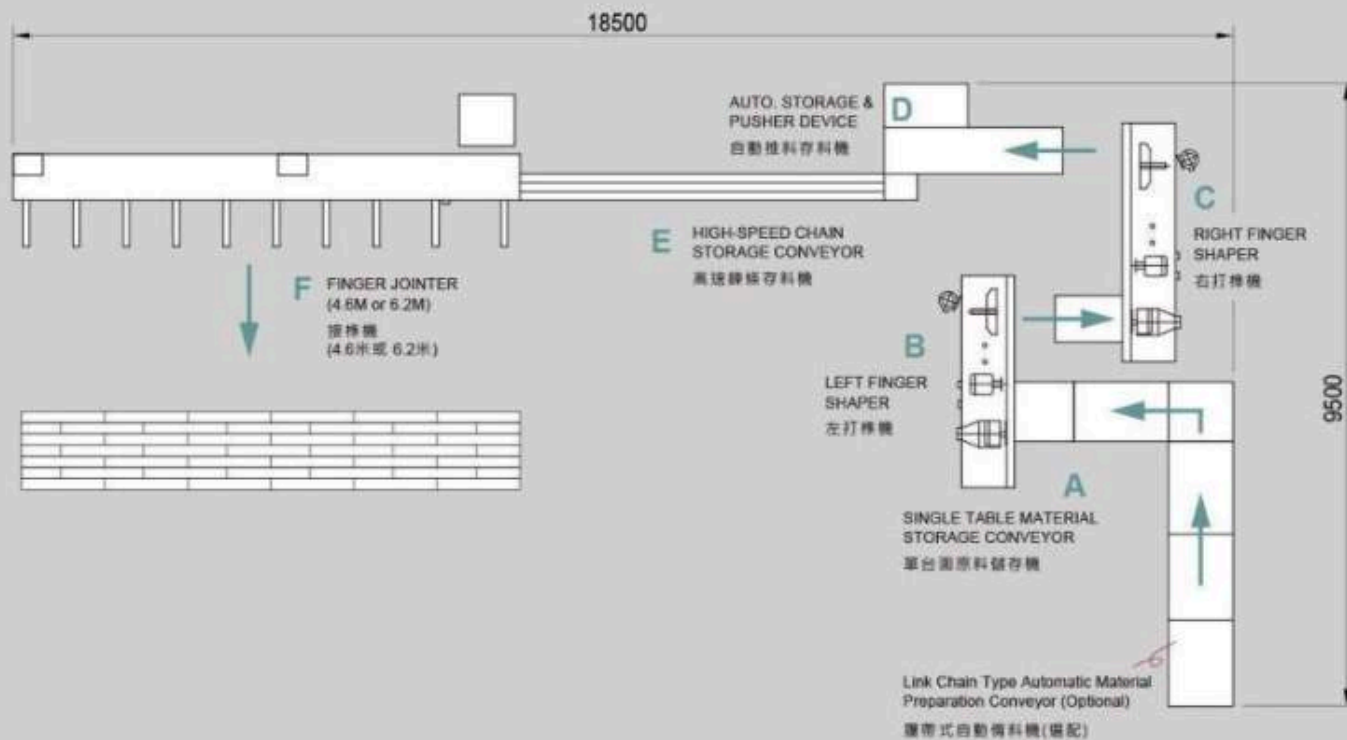
YL-610BL



Motion Flow Chart 動作流程圖



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	
備料輸送鍊條	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	

■ 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

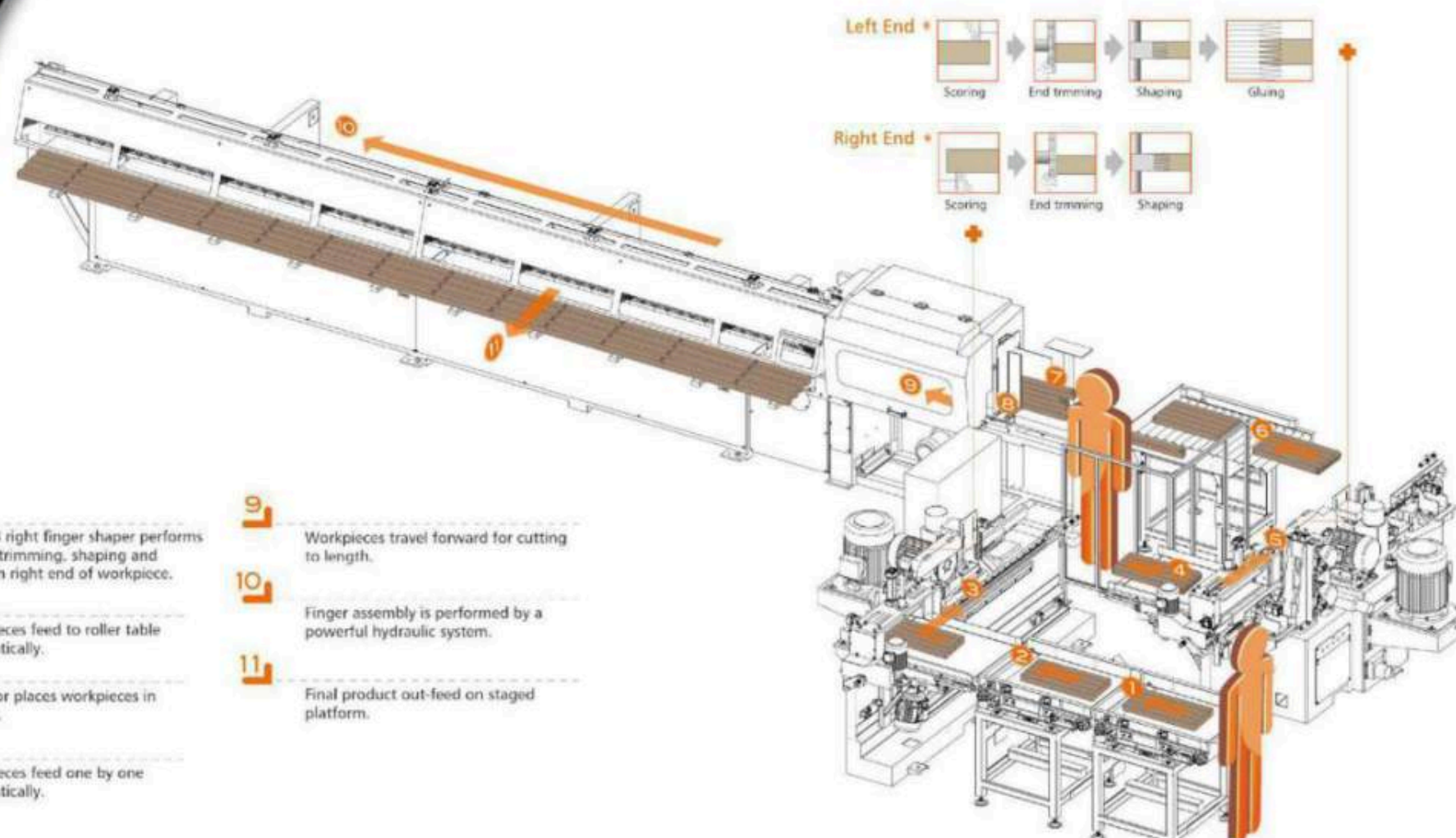
Precision - Quality - Power - Supply - Control





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.

YOW CHERNG helps you to solve machining problems, create superior quality and upgrade competition capability.

右丞為您解決加工上的難題
創造優質的品質、提升競爭力



元隆精密機械廠/豪隆工業有限公司
YUAN LUNG MACHINERY WORKS/ROUTMAC
INDUSTRY CO., LTD
429 台中市神岡區豐洲路1166號
NO. 1166, FENGZHOU RD., SHENGANG DIST.,
TAICHUNG CITY 429, TAIWAN (R.O.C.)



OSCILLATION MORTISER

底槽機
Quality Mortiser for Precision Machining
適用於精確加工之底槽機

YL-120

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

SINGLE SIDED CUTTING BORING MOULDING MACHINE

切斷成型鑽孔機
Single Sided Cutting Boring Moulding Machine
適用於精確加工之切斷成型鑽孔機

YL-TF1

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC BAND SAW

CNC帶鋸機
CNC Band Saw
適用於精確加工之CNC帶鋸機

YL-015 YL-020 YL-025

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC BAND SAW WITH AUTOMATIC FEED

CNC自動送料帶鋸機
CNC Band Saw with Automatic Feed
適用於精確加工之CNC自動送料帶鋸機

YL-020F

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC DOUBLE END AUTO RECTANGULAR TENONER

CNC雙端長方榫頭自動作榫機
CNC Double End Auto Rectangular Tenoner
適用於精確加工之CNC雙端長方榫頭自動作榫機

YL-010A YL-010B YL-010C YL-010D

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

DOUBLE END RECTANGULAR TENONER

雙端長方榫頭作榫機
Double End Rectangular Tenoner
適用於精確加工之雙端長方榫頭作榫機

YL-010B YL-010C

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CONTINUOUS DOVETAILER

連續式三角榫作榫機
Continuous Dovetailer
適用於精確加工之連續式三角榫作榫機

YL-480 YL-900

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

SINGLE SIDED CUTTING BORING MOULDING MACHINE

切斷成型鑽孔機
Single Sided Cutting Boring Moulding Machine
適用於精確加工之切斷成型鑽孔機

YL-TF2

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

NC RECTANGULAR TENONER

數控長方榫頭作榫機
NC Rectangular Tenoner
適用於精確加工之數控長方榫頭作榫機

NC-YL-150

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

ROUND END TENONER

圓端榫頭作榫機
Round End Tenoner
適用於精確加工之圓端榫頭作榫機

YL-115

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC MULTI-SPINDLE SLOT MILLING MACHINE

CNC數控多軸銑槽機
CNC Multi-Spindle Slot Milling Machine
適用於精確加工之CNC數控多軸銑槽機

YL-5 YL-5D

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC MULTI-SPINDLE SLOT MILLING MACHINE

CNC數控多軸銑槽機
CNC Multi-Spindle Slot Milling Machine
適用於精確加工之CNC數控多軸銑槽機

YL-3 YL-3D

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

NC DOVETAILER

電腦三角榫機
NC Dovetailer
適用於精確加工之電腦三角榫機

YL-NC500

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC AUTOMATIC MILLING TENONING MACHINE

CNC自動銑槽作榫機
CNC Automatic Milling Tenoning Machine
適用於精確加工之CNC自動銑槽作榫機

YL-TF7

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

MULTIPLE SPINDLE OSCILLATION MORTISER

多軸榫槽機
Multiple Spindle Oscillation Mortiser
適用於精確加工之多軸榫槽機

YL-03 YL-04

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC 3-AXIS DOUBLE END TENONER

CNC三軸雙端作榫機
CNC 3-Axis Double End Tenoner
適用於精確加工之CNC三軸雙端作榫機

YL-TD3

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CHAIR ASSEMBLY MACHINE

椅子專用組裝機
Chair Assembly Machine
適用於精確加工之椅子專用組裝機

YL-4+2 YL-3R YL-A6

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

多軸榫槽機
Multiple Spindle Oscillation Mortiser
適用於精確加工之多軸榫槽機

YL-03 YL-04

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC 45° TENONER MORTISER FOR MITERED CABINET DOOR FRAMES

CNC 45度角榫槽機
CNC 45° Tenoner Mortiser for Mitered Cabinet Door Frames
適用於精確加工之CNC 45度角榫槽機

YL-TM

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200

CNC MULTIPLE FUNCTION TENONER MORTISER

CNC多功能榫槽機
CNC Multiple Function Tenoner Mortiser
適用於精確加工之CNC多功能榫槽機

YL-TMF

Machine size (mm)	1200 x 1200 x 1200
Machine weight (kg)	1200
Machine power (kW)	1.5
Machine speed (rpm)	1200
Machine feed (mm/min)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200
Machine depth (mm)	1200
Machine width (mm)	1200
Machine height (mm)	1200
Machine length (mm)	1200



第一模式

- CNC標準模式，可輸入G碼M碼標桿指令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.

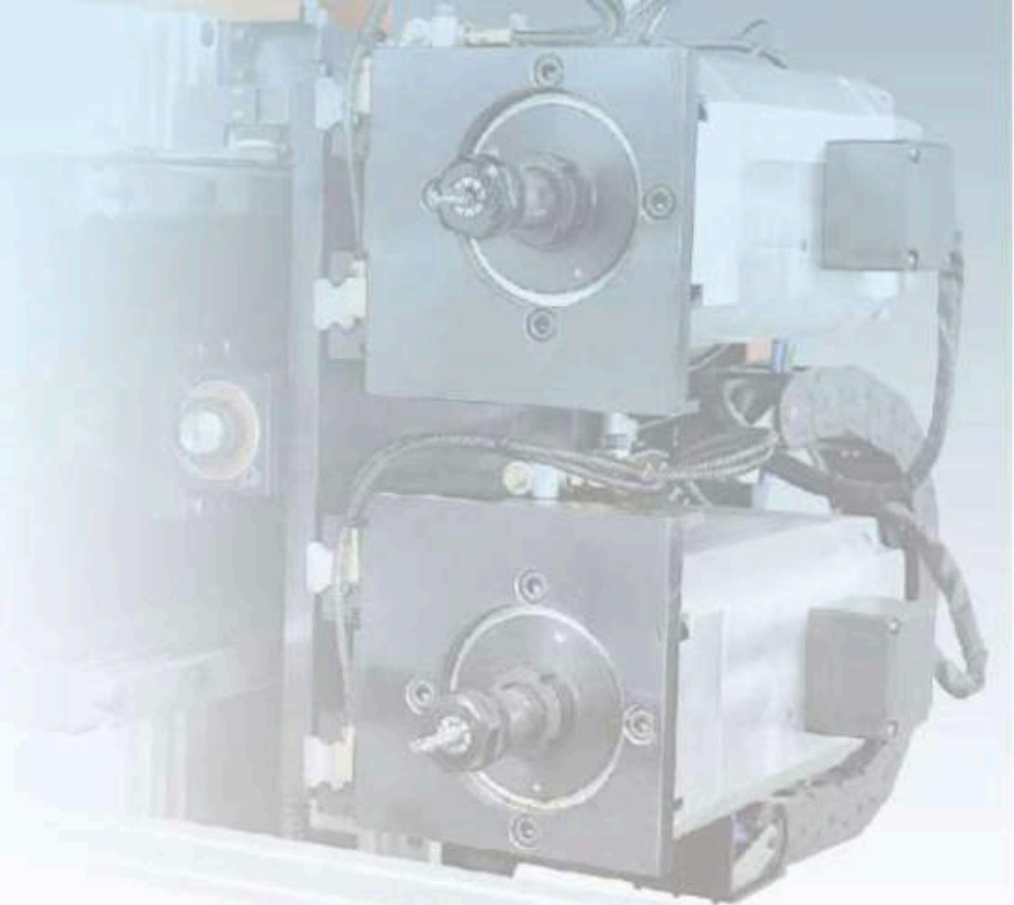


加工範例

- 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

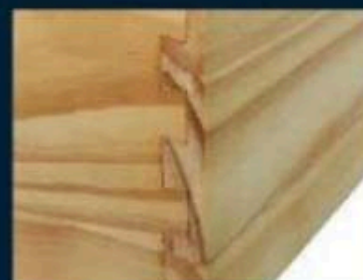
一向不斷創新突破的陸驛公司，再度精心研發CNC高速三角榫機。在當今企業高度競爭的時代，讓您擁有更佳的競爭力。本機比起前2代機型擁有更簡易的操作方式，可生產更多樣的榫型結構，大幅提升產品附加價值。

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 needs 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

■ 型錄之規格如有變更，恕不另行通知。

■ Specifications subject to change without prior notice.



榫頭範例 Tenon example



切角加工 Angle cutting



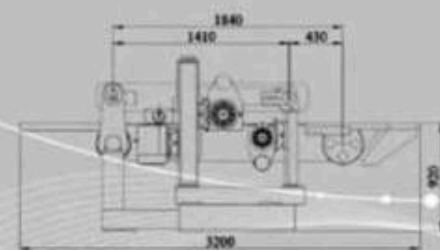
YL-350 CNC高速銑榫機

CNC High Speed Tenoning Machine

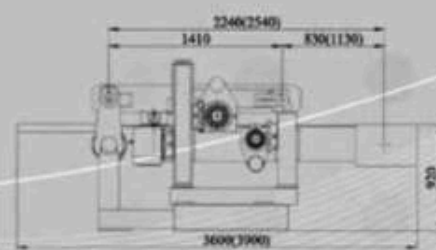
先進設計，操作簡易！ CNC控制，精密作榫！

Advanced Design, Easy to Operate!

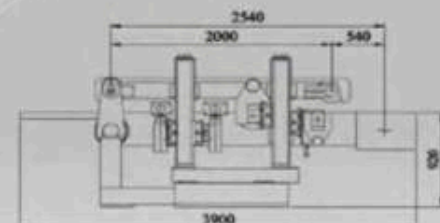
CNC Control, Precision Tenoning!



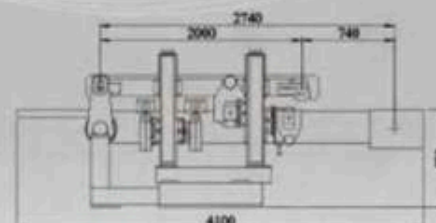
YL-H4/H6 标准尺寸图



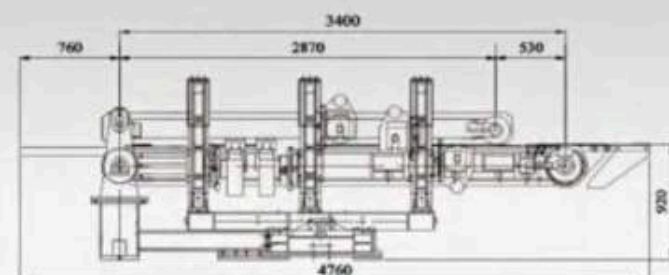
YL-H4/H6 下压梁加长尺寸图



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 (YL-22)	YL-H6 (YL-23)	YL-H8 (YL-24)	YL-H10 (YL-25)	YL-H12 (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	hp	H:2 option 3 / 5 / 7.5			
	主轴转速	rpm	H:3000			
	主轴尺寸	mm	H:25.4 x 82L			
	锯片尺寸	mm	255 x 25.4 x 3.0 mm x T80			
主锯系统	马达	hp	H:5 option 7.5			
	主轴转速	rpm	H:3000			
	主轴尺寸	mm	H:25.4x82L			
	锯片尺寸	mm	255 x 25.4 x 3.0 mm x T80			
成型系统	马达	hp	H:5 option 7.5			
	主轴转速	rpm	H:6000			
	主轴尺寸	mm	H:40x120L			
	刀具外径	mm	H:140-160			
三角环带砂光系统	马达	hp	H: 2			
	砂带尺寸	inch	4" x 60"/ 84"/ 98"			
	需要马力		25w x 1/36			
链条系统	马达	hp	2	2	3	5
	进给速度	m/min	6-24			
	档块间距	mm	400 option 300 / 200			
	链条正反转		标准配备			
移动系统	马达	hp	1			
	进给速度	m/min	2			
重量	净重	kgs	3700~6000	3800~6100	5000~7300	5100~7400
	毛重	kgs	4100~6400	4200~6500	5400~7700	5500~7800
尺寸	机器尺寸	mm	3400~8100 x 3200~4200			
	包装尺寸	mm	3520~8220 x 2270~1900			

We reserve the right for technical modification.



www.routmac.com

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



上下鉗
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 (YL-24)	YL-L10 (YL-25)	YL-L12 (YL-26)	YL-L14 (YL-27)	YL-L16 (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

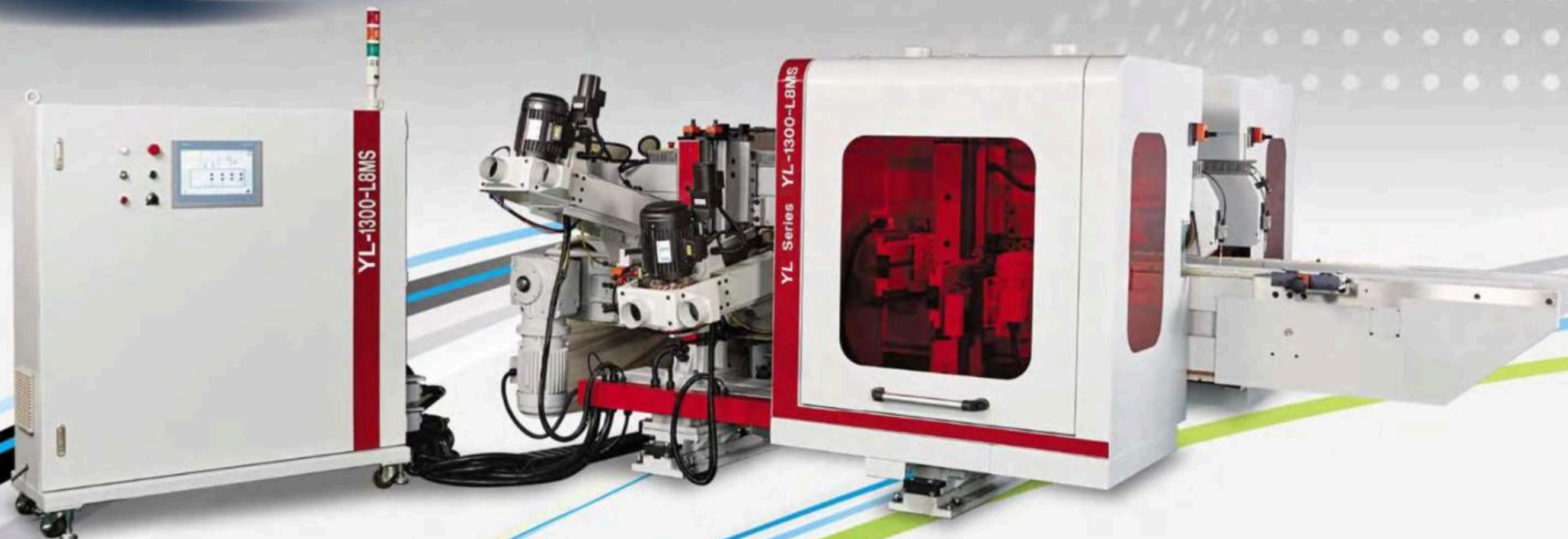
High quality production
High efficiency products
Reliable products
Specialized consulting & engineering
Expert after-sales service



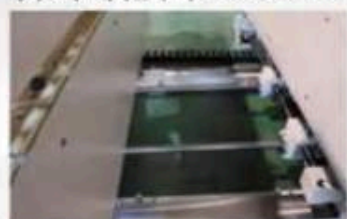
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YL-L Series 系列 YL-CE Standard Series 认证系列

重型双端作榫机 HEAVY DUTY DOUBLE END TENONER



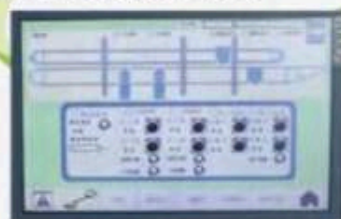
标准配备 Attractive, Smart and Exclusive Features



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)



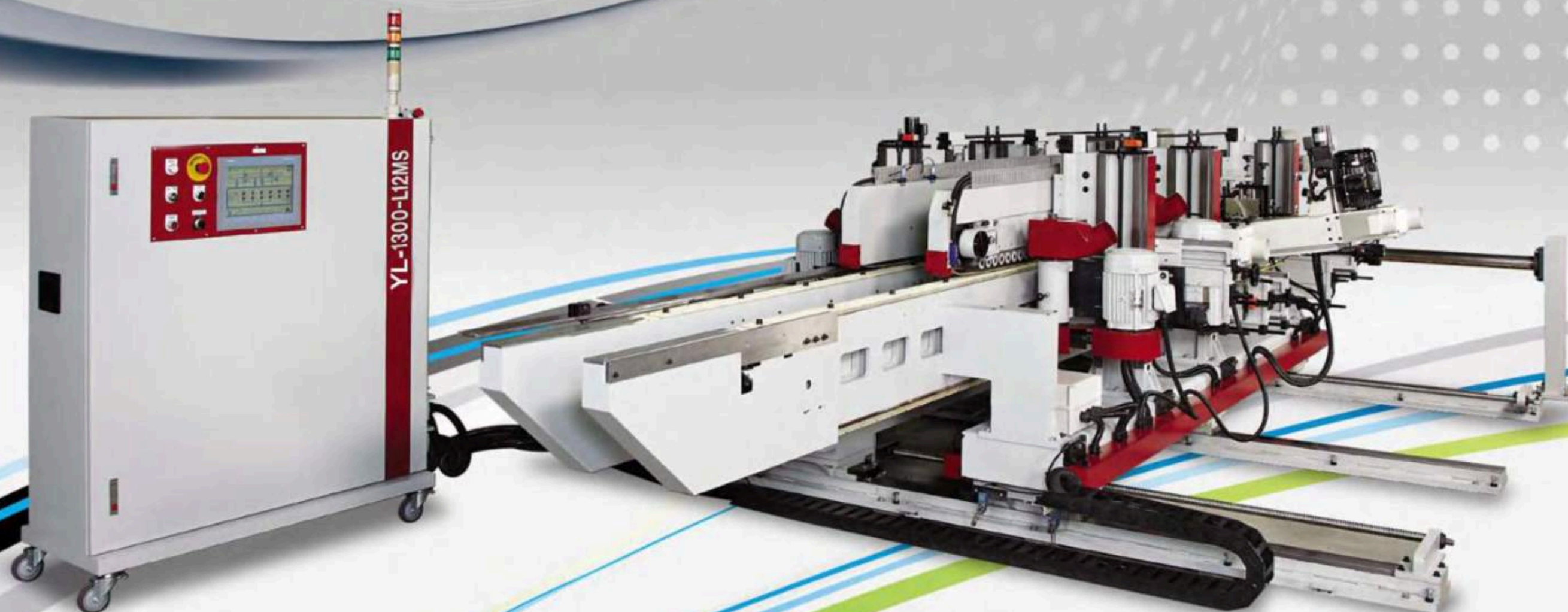
立轴系统
Moulding unit
5HP (special 7.5HP)
Spindle speed: 6000 rpm (50HZ)
Spindle size: Ø40 x 120 MM (L)
Option attachment: Jumping device



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



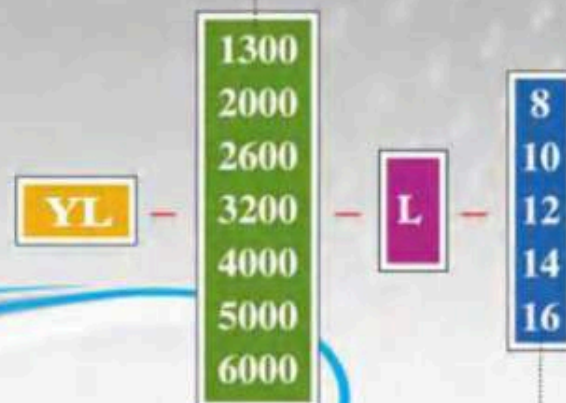
鍊条传动机构
Gear Transmit System



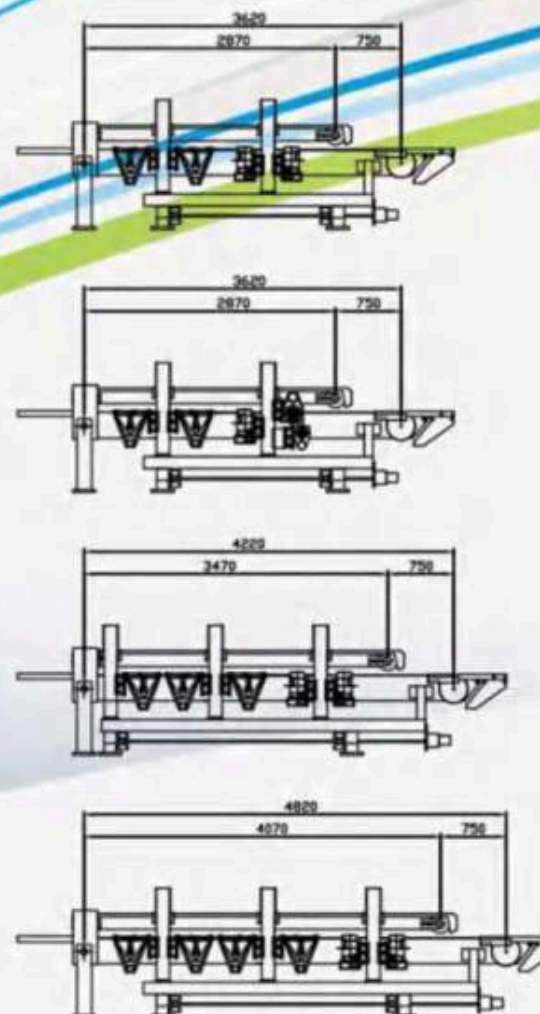
直径传动轴
Double Key Transmission Shaft

YL-L SERIES 系列

最大加工宽度
Max. Working Width



工作头数量
Working Head Numbers



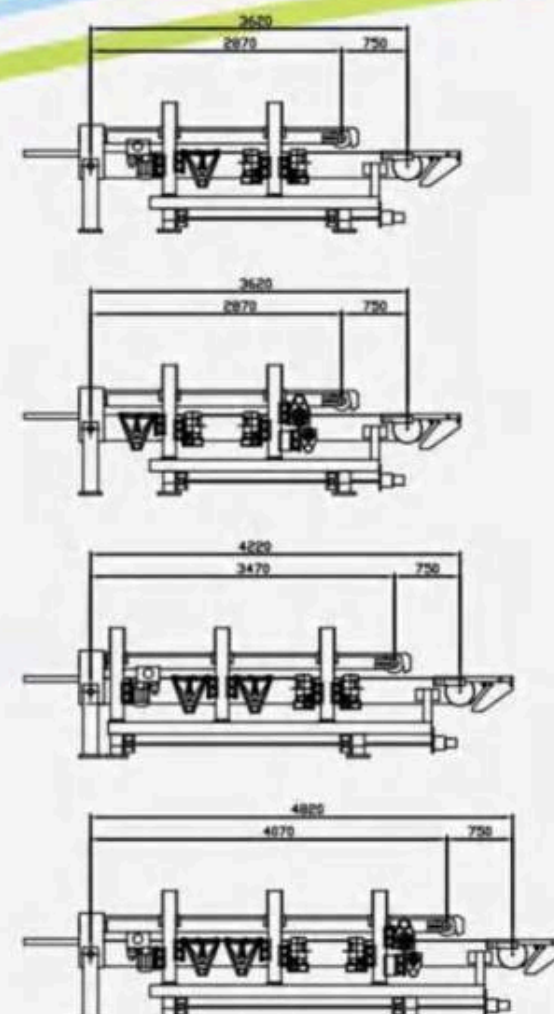
YL-CE SERIES 认证系列

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

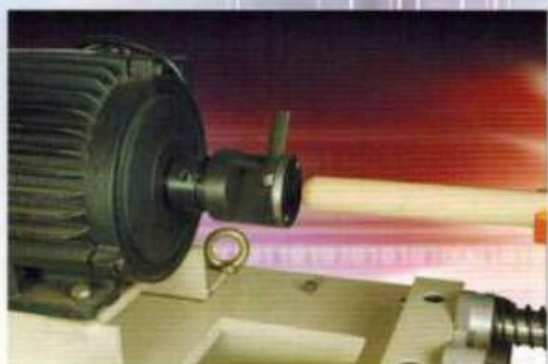




YL-30RE

半圓端加工機 Half Round-end Making Machine

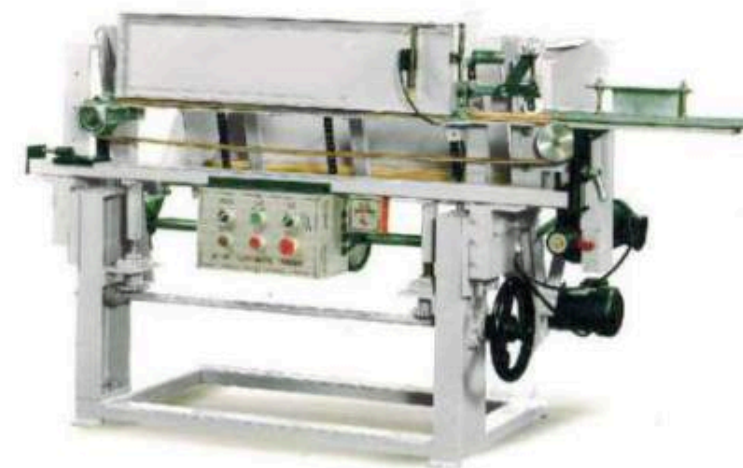
1. 加工範圍 Range of working diameter: $\phi 10$ - $\phi 30$ mm
2. 主軸馬力 Drive motor: 1 HP
3. 機械尺寸 Machine size: 750X300X1050 mm
4. 裝箱尺寸 Packing size: 800X350X1150 mm
5. 淨重 N.W.: 100 kg
6. 毛重 G.W.: 130 kg



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	$\phi 10$ - $\phi 30$ mm
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之圓棒：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)
- 圓棒機簡便進料安全裝置，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



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.

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

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

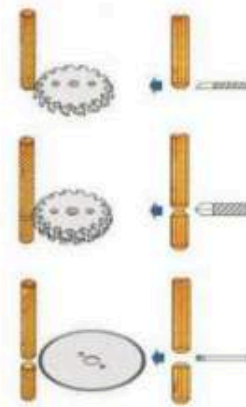
- 》本機為高產量木棒切斷倒角機。
- 》本機可自動篩選長度不足之木棒。
- 》無論是螺旋紋、直紋或是光滑表面木棒，皆可使用本機械進行倒角和切斷。
- 》本機的產能可藉由無段變速的速度調整，每小時的產能為7500-15000個。
- 》切斷長度範圍是30-150mm。
- 》本機的送料傳動是由精密的蝸桿及蝸輪，在充滿機油的油箱中運轉，隨時保持機械傳動部份的潤滑，增加使用壽命。
- 》本機倒角切斷及送料皆由獨立馬達傳動。
- 》本機有兩組倒角刀，木棒從第一支就已完成雙端倒角。
- 》調整容易，節省時間。

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



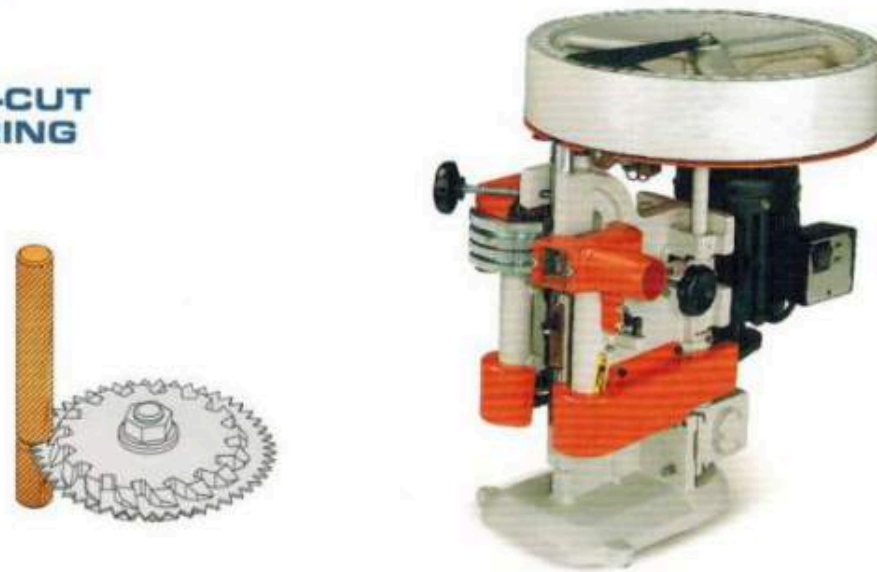
導板

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腳架為選購配備
Base (Optional)

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