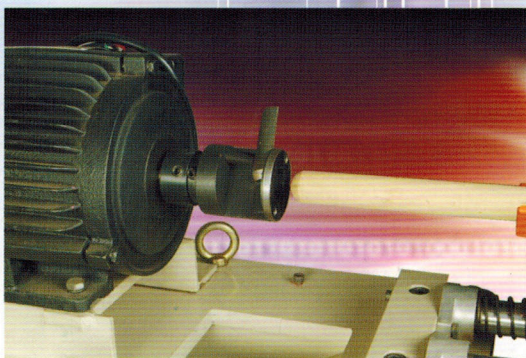
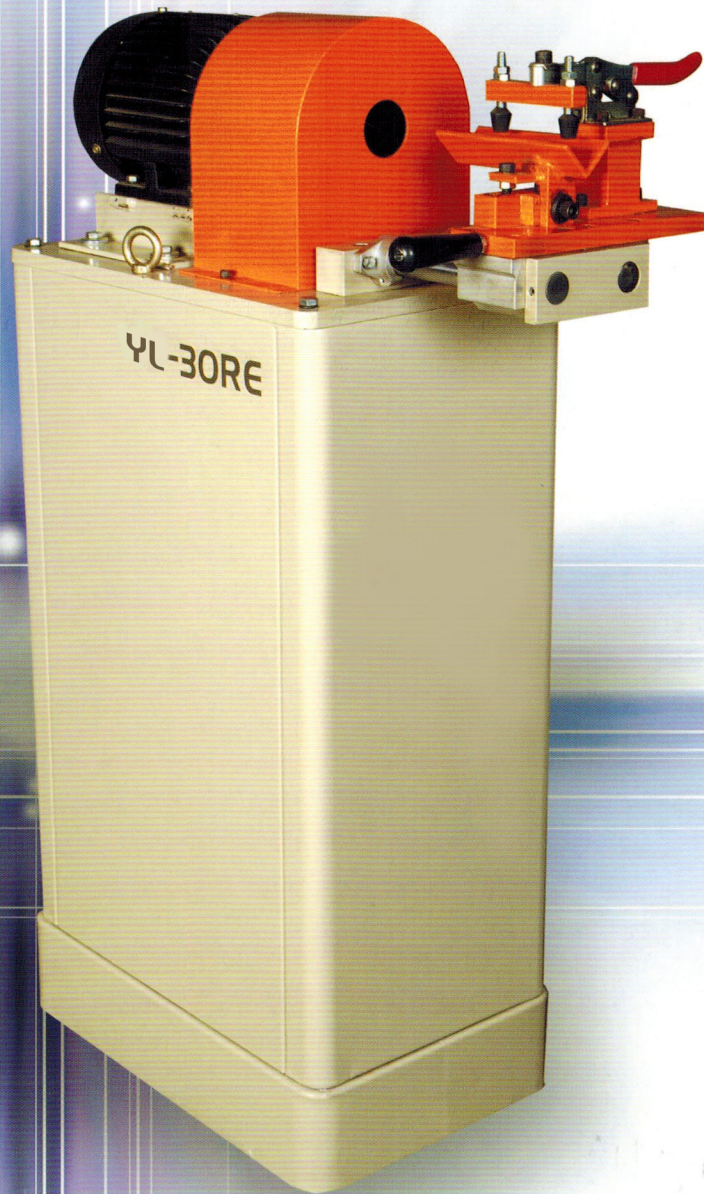


www.routmac.com



YL-30RE

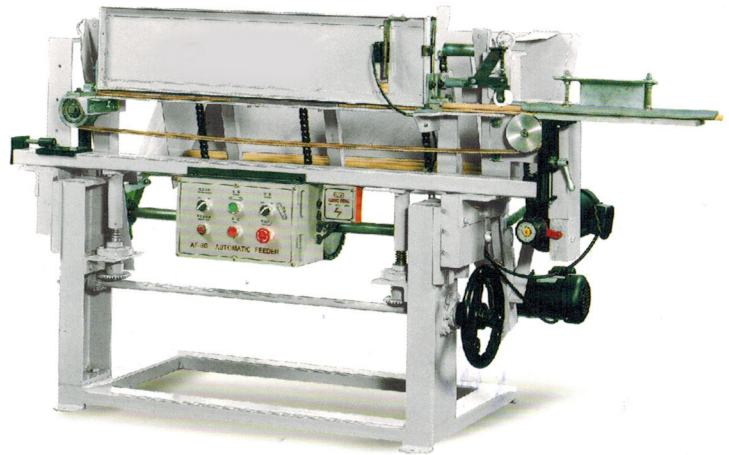
半圓端加工機 Half Round-end Making Machine

1. 加工範圍 Range of working diameter: $\text{Ø}10\text{-}\text{Ø}30\text{mm}$
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

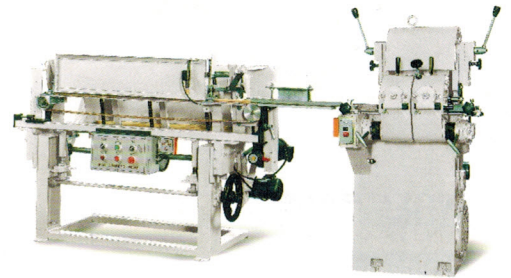
AUTOMATIC ROUND ROD FEDDER



AUTOMATIC ROUND ROD FEDDER

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，可提高車積及送料效果。
- 》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 fully solved with the YL-80 Automatic Round Rod Feeder.
- 》Easy synchronized speed adjustment by simply turning speed adjust knob.
- 》Number of stick in feed chute may be preset, thus saves considerable time of stick travel in feeder itself.
- 》While YL-80 attached to two or more Round Rod Sanding Machine (YL-80B, or YL-80B2) what the operator need to do is loading stick into the hopper loader, the machines will perform a completely automatic sanding operations. Thus makes one operator can attend more machines.
- 》While YL-80 is in application with Wood Bead Lathe, it help the lathe to increase production efficiency in dead turning operations.
- 》Compact constructed throughout saves mounting space.
- 》Flat conveyor belt eliminate troublesome centering problem.

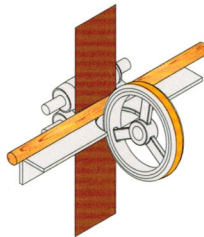
規格表

型號 Type	YL-80
適用圓棒直徑 Range of Round Rod Diameter	ø10-ø30mm
料斗長度 Length of hopper loader	1000mm
料斗容量 Hopper loader capacity	450x225mm
送料速度 Feed speed	4-22m/min.
輸送帶尺寸 Conveyor belt size	35x2800mm
輸送台上下調整距離 Conveyor table vertical, adjustment	50mm
送料鍊條數 Number of feed chain	3 pieces
鍊條驅動馬力 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

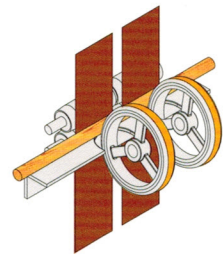
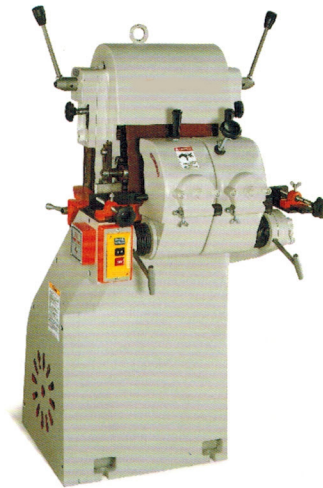


YL-80B

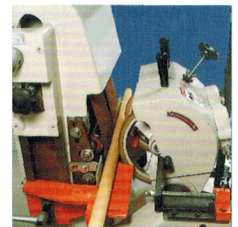
YL-80B2

雙帶圓棒砂光機

DOUBLE BELT ROUND ROD SANDING MACHINE



YL-80B2



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，可砂光多樣不同材質的圓棒：木、藤、壓克力、石墨等類似材質。
- 》快速送料速度，每分鐘6~20米。
- 》更換砂帶簡單迅速。
- 》品質和雙帶砂光機一樣精良。

Machine Feature

- 》A single belt sander that suitable for sanding round rod from $\phi 5$ to 80mm in diameter.
- 》Priced for economical and intermediate finish, yet built for versatile sanding operation for wood, rattan, metal, acrylic, graphite....
- 》Fastest feed speed the range from 6 to 20 meters per minute.
- 》Change abrasive belt in seconds.
- 》Same high quality features as **YL-80B2** Double Belt Round Rod Sanding Machine.

DOUBLE BELT ROUND ROD SANDING MACHINE

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 course 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.

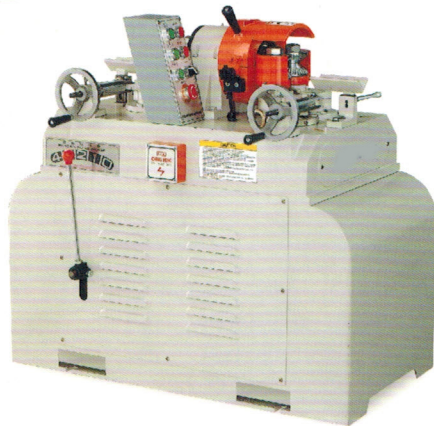
規格表

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
風車馬力 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

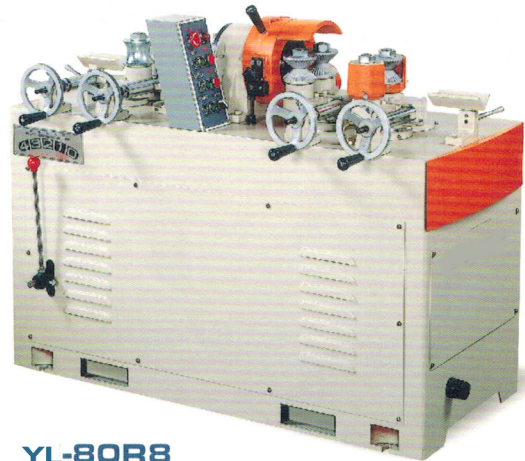
YL-80 / YL-80R8

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。



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.

Machine Feature

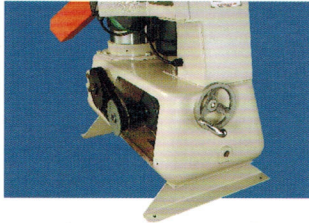
- 》 Designed for cutting stick from square into round rod, with capacity from $\phi 10$ to 79mm in diameter.
- 》 Suitable for material as wood, rattan, acrylic and similar material.
- 》 4 cutting feed speeds to suit the various materials.
- 》 Maximum safety is guaranteed by such features as feed rolls guard, fully enclosed transmission parts.
- 》 Cutterhead does not start while cutterhead cover is opened.
- 》 Two sets infeed and out feed rollers, increase the feed power, especially for long work pieces.(YL-80R8)
- 》 Patented feed rolls guard No. 37270

規格表

型號 Type	YL-80	YL-80R8
加工範圍 Range of work diameter	$\phi 10$ to $\phi 79$ mm	$\phi 10$ to $\phi 79$ mm
加工長度 Range of work length	300mm~無限長Unlimited	300mm~無限長Unlimited
主軸馬力 Drive motor	10HP	10HP
送料馬力 Feed motor	2HP	2HP
主軸轉速 Cutterhead speed	3400 R.P.M	3400 R.P.M
送料速度 Range of feed speed	6/8/10/12 m/min(4 speeds)	6/8/10/12 m/min(4 speeds)
排屑管口直徑 Chip chute diameter	$\phi 100$ /mm ($\phi 4''$)	$\phi 100$ /mm ($\phi 4''$)
機械尺寸(長X寬X高) Machine size(LXWXH)	900x690x910mm	1250x690x910mm
裝箱尺寸(長X寬X高) Machine size(LXWXH)	990x730x1150mm	1290x730x1150mm
淨重 Net weight	370kg	500kg
毛重 Gross weight	430kg	580kg

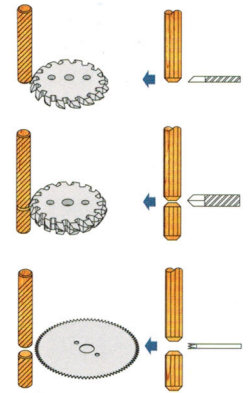
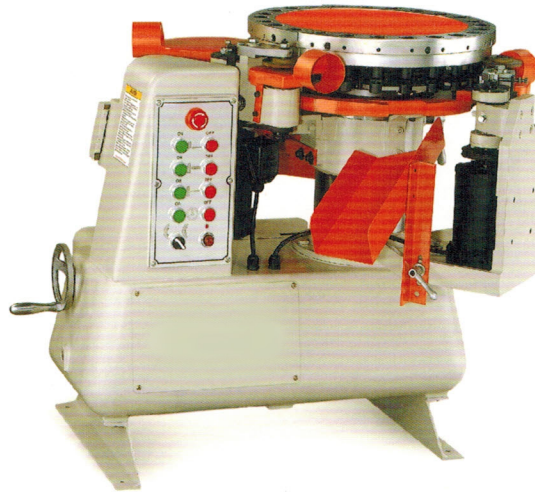
YL-220

高速木樁橫切倒角機 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.



木樁倒角及切斷
Dowel chamfering & cutting

HIGH SPEED DOWEL CROSS-CUT AND CHAMFERING MACHINE

特性

- 》本機為高量產木樁切斷倒角機。
- 》本機可自動篩選長度不足の木樁。
- 》無論是螺旋紋、直紋或是光滑表面木樁，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，木樁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

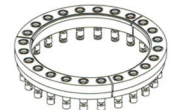
型號 Type	YL-220
加工範圍 Range of working diameter	ø6 to ø18mm
最短切斷長度 Minimum cutting length	30mm
最長切斷長度 Maximum cutting length	150mm
產能 Capacity	About 7500-15000 dowels/hour (infinitely variable)
第一倒角刀馬力 First chamfering motor	1/2HP
第二倒角刀馬力 Second chamfering motor	1/2HP
鋸片馬力 Cutting motor	1/2HP
送料馬力 Feed 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

配件

STANDARD ACCESSORIES

導管組

Guide tube set



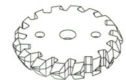
45°倒角刀

45° Chamfering cutter



90°倒角刀

90° Chamfering cutter



切斷鋸片

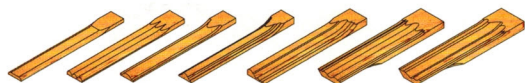
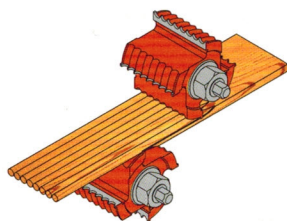
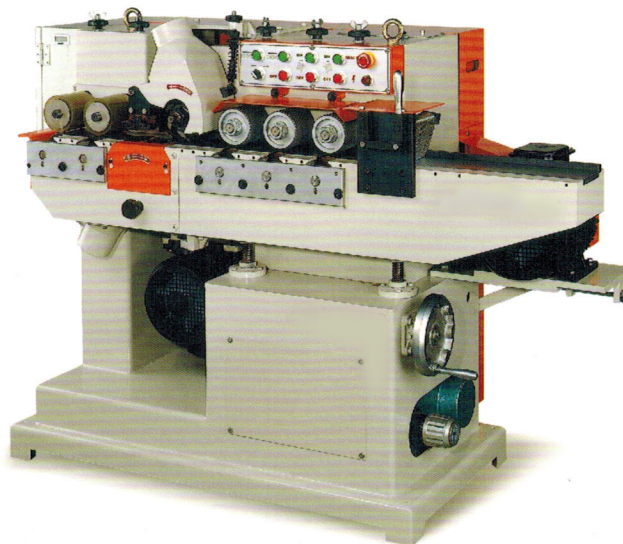
Cutting saw blade



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 $\phi 2$ - $\phi 30$ mm.
 - 》可利用板材加工成圓棒或圓樺。
 - 》此為高量產之機械。
 - 》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。

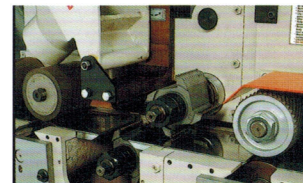
- Machine Feature**
- 》Suitable for cutting wood board into round rods or dowels.
 - 》Designed for high production performance.
 - 》Number of round rods per pass is determined by the diameter to be cut, maximum cutting width is 100mm.
 - 》Cutting capacity $\phi 2$ - $\phi 30$ mm in diameter.
 - 》Magnetic 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	$\phi 2$ to $\phi 30$ mm
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.

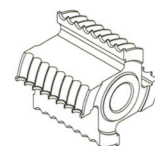


無段變速送料：
速度範圍 4-13米/分
Variable feed speed change:
Range from 4-13m/min

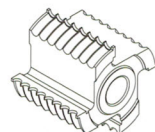
配件

STANDARD ACCESSORIES

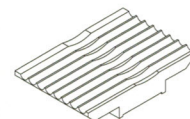
上刀
Upper cutter



下刀
Bottom cutter



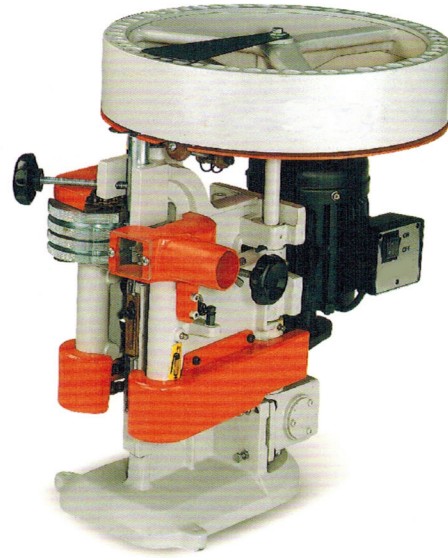
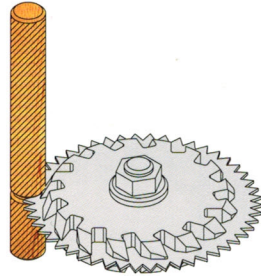
導板
Cutter slide



YL-36

圓樺橫切倒角機

DOWEL CROSS-CUT AND CHAMFERING MACHINE



DOWEL CROSS-CUT AND CHAMFERING MACHINE

配件

STANDARD ACCESSORIES

- 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，只要將圓樺放入盤中，即可做橫切及倒角之作業。
 - 》機身輕巧，搬運方便。
 - 》可與 YL-18 圓樺製造機搭配使用。
 - 》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

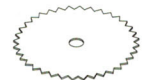
導管

Guide tube



切斷鋸片

Cutting Saw blade



斜銼刀 (倒角刀)

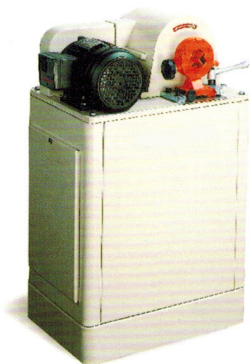
Chamfering Cutter



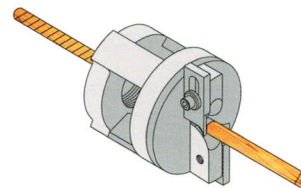
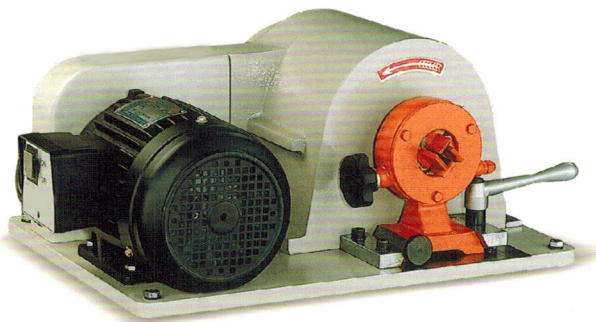
YL-18

圓樁製造機

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樁，加工範圍：直徑 $\phi 6$ - $\phi 18$ mm.
- 》適合生產桌、椅、傢俱之接合圓樁
- 》切削及壓螺旋紋同時完成，因螺旋紋圓樁比光滑圓樁之接合效果更佳
- 》可將廢木料再加工成圓樁，創造利潤
- 》機身輕巧，搬運方便
- 》可與 YL-36 圓樁橫切倒角機搭配使用
- 》防塵開關
- 》獨特可調式工件支撐裝置，專利號碼54684

Machine Feature

- 》Cuts square wood into dowels, with working range from $\phi 6$ to $\phi 18$ mm in diameter.
- 》Ideally suited to make dowels for jointing work in desk, chair and furniture assembly.
- 》Combine milling and spiral fluting in one pass of feed, that gives a superior method of jointing, more rigid than plan dowels.
- 》A valuable unit that turns your waste wood sticks into a useful dowels.
- 》Easy movement from one job site to another.
- 》Used together with YL-36 Dowel cross-cut and chamfering machine that will be a complete set of perfect mechanism for marking dowels.
- 》Dust proof switch.
- 》Patented adjustable stick holding device No.54684

規格表

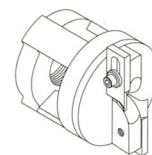
型號 Type	YL-18
加工範圍 Range of working diameter	$\phi 6$ to $\phi 18$ mm
加工長度 Range of working length	240mm~無限長Unlimited
主軸馬力 Drive motor	1HP
送料速度 Feed speed	6m/min
機械尺寸(長X寬X高) Machine size(LXWXH)	560x440x580mm
裝箱尺寸(長X寬X高) Packing size(LXWXH)	620x500x750mm
裝箱尺寸(長X寬X高) Packing size(LXWXH)	YL-18+YL36:870x690x750mm / 180kg
淨重 Net weight	65kg
毛重 Gross weight	90kg

配件

STANDARD ACCESSORIES

刀具組

Cutterhead set



導管

Guide tube



刀片

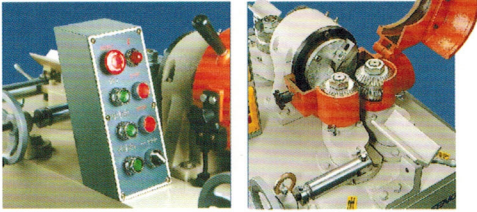
Blade



YL-60 / YL-60S

YL-60圓棒製造機 ROUND ROD MILLING MACHINE

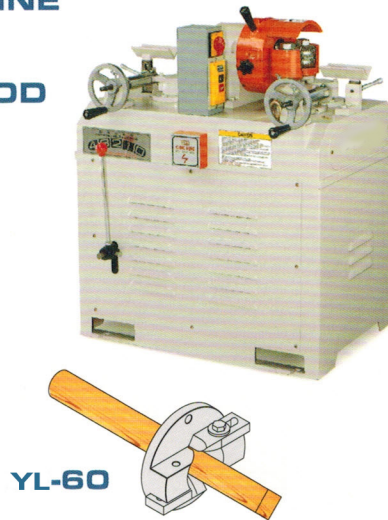
YL-60S雙軸圓棒製造機 DOUBLE SPINDLE ROUND ROD MILLING MACHINE



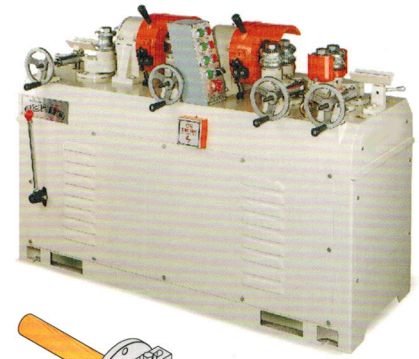
電磁開關控制

附微動開關，護蓋打開機械停止運轉（選配）

Shown with optional magnetic starter and cutterhead cover limit switch protection (Optional)



YL-60



YL-60S

ROUND ROD MILLING MACHINE DOUBLE SPINDLE ROUND ROD MILLING MACHINE

特性

- 》專為四方木頭加工成圓棒而設計，加工範圍：直徑 $\phi 6$ - $\phi 60$ mm。
- 》新研發優於單頭圓棒製造機，操作省時、省力且加工物完成後更平滑。(YL-60S)
- 》雙刀頭設計，提供粗加工及細加工一次完成。(YL-60S)
- 》絕佳適合加工材質：木、藤、壓克力等類似材質。
- 》四段變速：適合不同材質之加工物。
- 》安全保證：進料輪護蓋裝置，運轉部份密封、刀頭蓋打開即停止運作。（此裝置為選配）
- 》電磁開關控制。(YL-60S)
- 》圓棒機之多重刀具裝置，專利號碼36565。
- 》圓棒機簡便進料安全裝置，專利號碼37270。

Machine Feature

- 》Designed for cutting stick from square into round rod, cutting stick up to 60mm in diameter.
- 》Better than a single head machine, the YL-60S twin head machine offers smoother surface and saves finish time.
- 》Built with 2 cutterheads, provides coarse and finish cutting sequence in one pass.
- 》Excellent for making round rod as material like wood, rattan, acrylic and similar material.
- 》4 cutting feed speeds to suit the various materials.
- 》Maximum safety is guaranteed by such features as feed rolls guard, fully enclosed transmission parts.
- 》Magnetic switch control. (YL-60S)
- 》Patented multiple cutterheads No. 36565
- 》Patented feed rolls guard No. 37270

規格表

型號 Type	YL-60	YL-60S
加工範圍 Range of working diameter	$\phi 6$ to $\phi 60$ mm	$\phi 6$ to $\phi 60$ mm
加工長度 Range of working length	300mm~無限長Unlimited	400mm~無限長Unlimited
主軸馬力 Drive motor	5HP	7.5HP/5HP
送料馬力 Feed motor	2HP	2HP
主軸轉速 Cutterhead speed	3400 R.P.M	6000 R.P.M
送料速度 Range of feed speed	10/12/14/16 m/min(4 speeds)	14/16/18/20 mater/min(4 speeds)
排屑管口直徑 Chip chute diameter	$\phi 100$ /mm ($\phi 4$ "	$\phi 100$ /mm ($\phi 4$ "
機械尺寸(長X寬X高) Machine size(LXWXH)	800x690x910mm	1360x690x910mm
裝箱尺寸(長X寬X高) Machine size(LXWXH)	890x730x1150mm	1470x715x1150mm
淨重 Net weight	320kg	560kg
毛重 Gross weight	370kg	650kg

配件

STANDARD ACCESSORIES

刀頭 Cutter head 	出料輪 Outfeed roll 
導套 Guide bush ($\downarrow \phi 42$ mm) 	導管 Guide tube ($\downarrow \phi 42$ mm) 
刀片 12mm ($\downarrow \phi 42$mm) 12mm H.S.S Knife 	刀片 18mm ($\downarrow \phi 42$mm) 18mm H.S.S Knife 