

AUTO RAISED PANEL DOOR MACHINE

LH-2200-AT LH-2600-AT

AUTO. RAISED
PANEL DOOR MACHINE.



PATENT NO. 073312, 175418



Door Templates

The door templates includes one panel arch and four matching rails for different door size. By simply raising or lowering the roller to the required template level, an arched panel or rail can be produced.

門板木模

包括1只拱型嵌板和4只符合的橫木，配合不同門尺寸大小，只要簡單上升下降到所需的木模水平位置，然後1組拱型嵌板或橫木就可加工完成。

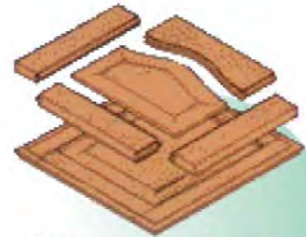


Stackable Spindle

Stackable spindle is located at three different cutter locations. At the touch of a switch the cutter can be fixed to spindle using the upper and lower screw, thereby elimination set up time.

可堆積的主軸

刀具是3組不同形狀，在1組軸心上堆積而成，操作時只要接觸一個開關及上下固定螺絲座，就可免除全部重新裝置時間。



All 5 components of a raise panel door can be produced in less than 5 minutes by 1 operator!

所有5個內容的門嵌板，可一次操作5分鐘內完成。



LH-1000-AT LH-1400-AT

PATENT NO. 073312, 175418

型號	Model	LH-1000-AT	LH-1400-AT	LH-2200-AT	LH-2600-AT
主軸馬力	Main spindle driving power	10 HP	10 HP	15 HP	15 HP
幫浦馬力	Pump motor	1 HP	1 HP	1 HP	1 HP
主軸轉速	Main spindle revolving speed	7000 r.p.m	7000 r.p.m	7000 r.p.m	7000 r.p.m
主軸直徑	Main spindle dia.	Ø 1-1/4" (30 m/m)	Ø 1-1/4" (30m/m)	Ø 40 m/m	Ø 40 m/m
轉輪直徑	Driven wheel dia.	Ø100 m/m	Ø100 m/m	Ø100 m/m	Ø100 m/m
最大加工長度	Max. working length	1000 m/m	1400 m/m	2200 m/m	2600 m/m
機台尺寸	Machine size	1950x950x1450 m/m	2350x950x1450 m/m	3500x950x1450 m/m	4600x1000x1600 m/m
裝箱尺寸	Packing size	2030x1000x1600 m/m	2450x1000x1600 m/m	3930x1250x1780 m/m	4700x1250x1780 m/m
淨毛重	N.W. / G.W.	950/1150 kgs	1020/1220 kgs	1520/1720 kgs	1720/1920 kgs

LIH WOEI & SHAPER KING®

利偉木工機械有限公司

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AUTOMATIC COPY SHAPING MACHINE



Automation, Quality, Efficiency...



Established in **1985**, Lih Woei Carpentry Machine Co., Ltd. specializes in design and manufacturing of a broad range of automatic copy shaping machines. Whether you are looking for internal or external shaping, light or heavy duty machine, you can find the one that best suits your machining requirements. Lih Woei provides the most comprehensive range of models to meet various shaping applications.

Since the establishment of the company, Lih Woei has constantly improved existing machine models and developed new machines. We are dedicated to the pursuit of technological breakthroughs in machine structure and operation performance, as well as production quality and machine production capacity. Our goal is to provide customers with a competitive edge to help them compete in the international market. We also believe the company's future relies on our continuous strengthening of the enterprise structure and the search for technological breakthroughs.

創立於1985年的利偉木工機械有限公司，專業設計製造各類型自動仿型鉋邊機，包括各種內外徑仿型鉋邊機。從輕型到重型機種，利偉公司提供最齊全的機種，以適合客戶的不同加工需求。

自從公司創立迄今，利偉公司無時無刻不斷改良現有機種，以及開發新機型，在機器結構、操作性能、加工成品品質，以及機器產能等，都不斷致力於技術上的突破，期以更高性能的機種，幫助使用者更具有競爭性，因應當今國際化的企業競爭。我們深信，只有秉持不斷強化企業體質，突破創新才是公司的永續經營之道。

Dependable performance

For over the years, Lih Woei has dedicated itself to the research and development of automatic copy shapers. We have invested years of effort in the analysis and development of every detail of machine structure to gradually upgrade machine working efficiency, safety and parts durability. Before each machine leaves the factory, our Q.C. staff performs extensive operation tests, covering mechanical and control systems, to assure top performance of the machine.

多年來，利偉公司始終專業於自動仿型鉋邊機的研究開發，我們對每一個機械上之細節處，都投注極多的心力，以期提昇機器之加工效率、安全性，以及零件之耐用度。利偉機器出廠前，都經過嚴格的操作測試，不論機械或電控方面，我們都逐一詳細檢測，以確保機器性能達到最高標準。


A wide-angle photograph of the company's factory building. The building is a large, modern industrial structure with a white facade and blue accents. The company name "LIH WOEI & SHAPER KING" and its Chinese equivalent "利偉木工機械有限公司" are prominently displayed on the front. The building has several large open bays and a glass entrance. The surrounding area includes a parking lot with several cars and some greenery in the foreground.

LIH WOEI & SHAPER KING®
利偉木工機械有限公司

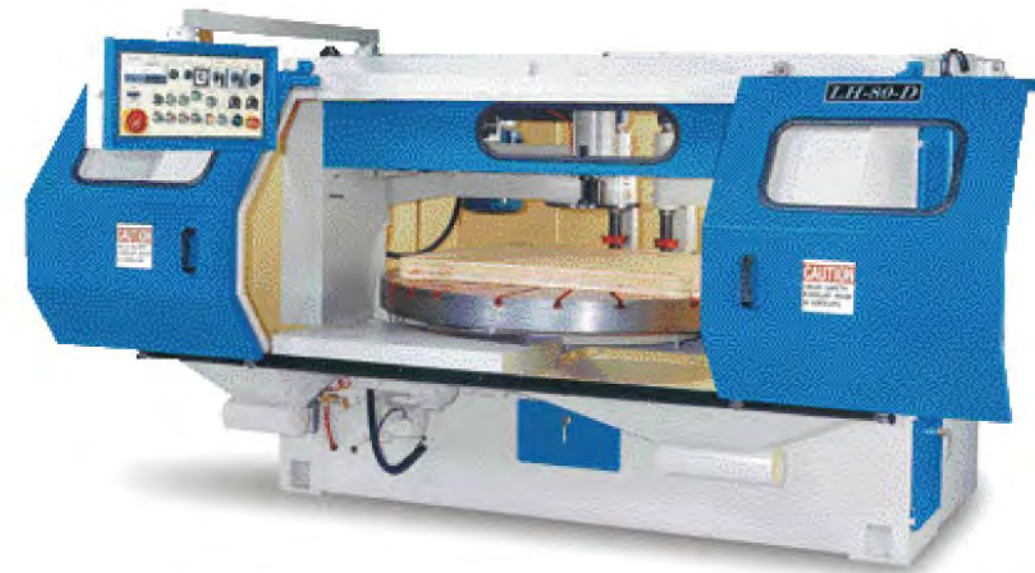
HEAVY-DUTY AUTO COPY SHAPING MACHINE


LH-80-3PS, LH-100-3PS
LH-80-4PS, LH-100-4PS
 附磨砂頭 (with sanding attachment)




LH-60, LH-80,
LH-100, LH-120

Various sized machines are available, with capacity for workpieces from 1"-120", suitable for solid products, plywood, acrylic, bent wood, etc.




LH-60-D, LH-80-D, LH-100-D

附防塵安全門 (with dust splash guard) Patent No. 34293



氣壓小夾鉗
 隨機配備，依機型不同配備數量不同。

AIR CLAMP
 Furnished with the machine. Air clamp quantity varies with the machine model.



可更換式
 高精度主軸，隨機標準配備單尺寸主軸，主軸直徑有30mm, 1-1/4", 40mm可供選擇，訂購時請指定主軸直徑。
 Interchangeable high precision spindle.
 Furnished standard with one spindle size only. choice of spindle diameters-30mm, 1-1/4", 40mm. Specify spindle diameter when ordering.

型號	Model	LH-80-3PS	LH-80-4PS	LH-100-3PS	LH-100-4PS	LH-60	LH-80	LH-100	LH-120	LH-60-D	LH-80-D	LH-100-D
仿削尺寸	Cutting capacity	12"~80"	24"~100"	9"~60"	12"~80"	24"~100"	28"~120"	9"~60"	12"~80"	24"~100"	24"~100"	28"~120"
最大加工長寬比	Max. cutting length to width ratio	71.4"x35.7"	89.2"x44.6"	55.2"x27.6"	71.4"x35.7"	89.2"x44.6"	110"x55"	55.2"x27.6"	71.4"x35.7"	89.2"x44.6"	89.2"x44.6"	110"x55"
圓盤外徑	Table diameter	Ø62"	Ø72"	Ø46"	Ø62"	Ø72"	Ø83"	Ø46"	Ø62"	Ø72"	Ø72"	Ø83"
圓盤轉速	Table speed	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.	0.5-3 r.p.m.
主軸轉速	Spindle speed	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.
主軸直徑	Spindle diameter	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm	Ø30mm
主軸高度	Spindle height	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"
最大刀具外徑	Max. Cutter diameter Range	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm
靠輪外徑	Follower wheel diameter	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm	Ø100mm
圓盤馬力	Table drive motor	2 HP / DC	3 HP / DC	2 HP / DC	2 HP / DC	3 HP / DC	3 HP / DC	2 HP / DC	2 HP / DC	3 HP / DC	2 HP / DC	3 HP / DC
主軸馬力	Cutter head drive motor	10 HPx2	10 HPx2	10 HPx2	10 HPx2	10 HPx2	15 HPx2	10 HPx2	10 HPx2	10 HPx2	10 HPx2	10 HPx2
砂光馬力	Sanding attachment motor	2 HPx1	2 HPx1, 2 HPx1	2 HPx1	2 HPx1, 2 HPx1	-	-	-	-	-	-	-
淨重	Net weight (kg)	3550 kgs	3750 kgs	4300 kgs	4400 kgs	2550 kgs	3450 kgs	4200 kgs	5210 kgs	2650 kgs	3550 kgs	4300 kgs
毛重	Gross weight (kg)	4000 kgs	4200 kgs	4950 kgs	5100 kgs	2850 kgs	3870 kgs	4900 kgs	6270 kgs	2950 kgs	3970 kgs	5100 kgs
機械尺寸	Machine size (mm)	3500x2175x1778	4490x2692x1878	2159x1905x1778	2600x2175x1778	3200x2692x1878	3800x3200x1878	2220x1980x1950	2580x2430x1950	3270x2760x1878	3372x2260x2240	3372x2260x2240
裝箱尺寸	Packing dimensions (mm)	3700x2250x2220	4670x2260x2220	2260x1910x2220	2800x2250x2220	3372x2260x2220	3980x2260x2220	2400x2180x2220	3000x2290x2220	3372x2260x2240	3372x2260x2240	3372x2260x2240

Features:

With high output of large model, and compact structure of small model, the LH-62 Copying Machine is an outstanding unit with high value. Equipped with standard fittings, including centric feed plate, the machine is suitable for work on chairs, medium to small desks, and similar products. The machine can also be equipped with auto air-operated tongs when continuous finishing is required, and is most suitable for the processing of chair and desk legs, chair backs, etc. The LH-28, 28A and 40 are designed for the shaping and profiling of medium and small workpieces. The unit is easy and convenient to operate. Optional Auto Copying Seat & Feeding Seat are available for automatic production.

同時擁有大型機型的高產量及小機型的靈巧結構，LH-62自動仿型機是一種經濟價值高的機械，不僅有傑出的操作性能，還附有標準的配備，包括中央壓料盤，適合完成椅子、中小型桌子等，也可裝上自動風壓夾鉗的裝置，供應連續完成的需求，最適合在處理加工椅腳、椅背及桌腳等。LH-28, 28A, 40是專為中小型加工物仿削時容易且方便操作而設計的。



LH-62, LH-72



LH-40



LH-28TC, LH-40TC

附雙刀頭
(with two cutter heads)

雙頭可加磨砂頭 (選配)
Sanding attachment is available for double cutter head models. (Optional)



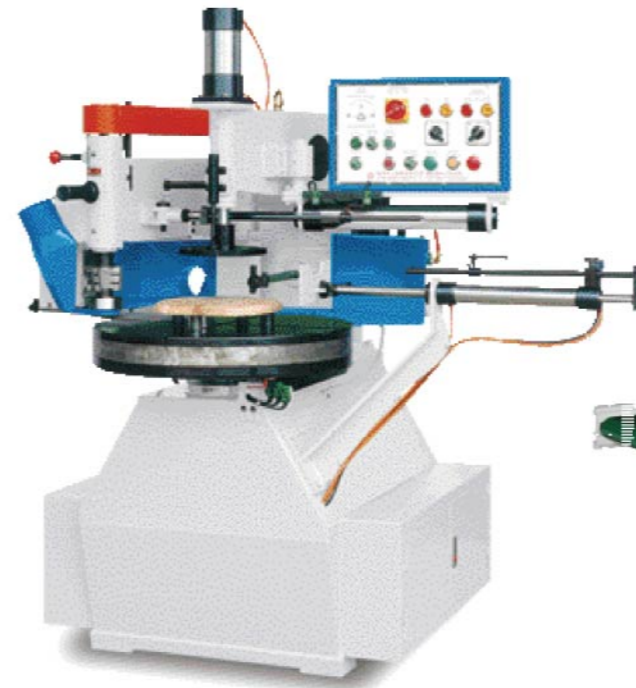
AUTO COPY SHAPING MACHINE



裸露型均可加裝安全防護門 (選配)
(LH-28DS除外)
Splash guard is optional
(in addition to model LH-28DS)



LH-28, LH-28A



LH-28WS, LH-40WS
附靠料 (with feed support)



LH-75
雙邊短料打榫加工機
TWO SIDES SHORT DOVETAIL MACHINE

型號	Model	LH-62	LH-72	LH-28	LH-40	LH-28A
仿削尺寸	Cutting capacity	6"~62"	6"~72"	3"~28"	3"~40"	1"~28"
最大加工長寬比	Max. cutting length to width ratio	55.2"x27.6"	62"x30"	12.5"x25"	15"x36"	8"x25"
圓盤外徑	Table diameter	Ø46"	Ø46"	Ø18"	Ø27"	Ø18"
圓盤轉速	Table speed	1-3 r.p.m.	1-3 r.p.m.		1.5-6 r.p.m.	
主軸轉速	Spindle speed	8000 r.p.m.	8000 r.p.m.		8000 r.p.m.	
主軸直徑	Spindle diameter	Ø30mm	Ø30mm		Ø30mm (25.4 mm)	
主軸高度	Spindle height	5.5"	5.5"		5.5"	
最大刀具外徑	Max. Cutter diameter Range	Ø200mm	Ø200mm		Ø200mm	
靠輪外徑	Follower wheel diameter	Ø100mm	Ø100mm		Ø100mm	
圓盤馬力	Table drive motor	2 HP	2 HP		2 HP	
主軸馬力	Cutter head drive motor	10 HP	10 HP		7-1/2 HP	
淨重	Net weight (kg)	1650 kgs	1850 kgs	760 kgs	890 kgs	760 kgs
毛重	Gross weight (kg)	2000 kgs	2500 kgs	960 kgs	1140 kgs	960 kgs
機械尺寸	Machine size (mm)	1870x1450x1880	1950x1750x1880	1250x1250x1750	1425x1425x1750	1250x1250x1750
裝箱尺寸	Packing dimensions (mm)	1943x1524x2220	2040x1770x2220	1423x1334x2220	1610x1470x2220	1423x1334x2220

型號	Model	LH-28WS	LH-40WS	LH-28TC	LH-40TC
仿削尺寸	Cutting capacity	3"~28"	3"~40"	3"~28"	3"~40"
最大加工長寬比	Max. cutting length to width ratio	12.5"x25"	15"x36"	12.5"x25"	15"x36"
圓盤外徑	Table diameter	Ø18"	Ø27"	Ø18"	Ø27"
圓盤轉速	Table speed	1.5-6 r.p.m.		1.5-6 r.p.m.	
主軸轉速	Spindle speed	8000 r.p.m.		8000 r.p.m.	
主軸直徑	Spindle diameter	Ø30mm (25.4 mm)		Ø30mm (25.4 mm)	
主軸高度	Spindle height	5.5"		5.5"	
最大刀具外徑	Max. Cutter diameter Range	Ø200mm		Ø200mm	
靠輪外徑	Follower wheel diameter	Ø100mm		Ø100mm	
圓盤馬力	Table drive motor	2 HP		2 HP	
主軸馬力	Cutter head drive motor	7-1/2 HP		7-1/2 HP	
淨重	Net weight (kg)	760 kgs	890 kgs	760 kgs	890 kgs
毛重	Gross weight (kg)	960 kgs	1140 kgs	960 kgs	1140 kgs
機械尺寸	Machine size (mm)	1550x1530x1750	1825x1760x1750	1580x1300x2000	1670x1370x1970
裝箱尺寸	Packing dimensions (mm)	1423x1334x2220	1610x1470x2220	1700x1480x2220	1790x1550x2220

型號	Model	LH-75
主軸馬力	Spindle Motor	5HPx2pcs or 7-1/2HPx2pcs
主軸直徑	Spindle Diameter	Ø30mm
加工長度	Working Length	70 ~ 200mm
加工寬度	Working Width	450mm
出料馬力+減速機	Out put Motor + Reducer	1/4HP + Reducer
工作台面進後退馬力+減速機+變頻器	Working Table Motor + Reducer + Inverter	1HP+ Reducer + Inverter
機台尺寸	Machine Size (mm)	1750x1450x1700
包裝尺寸	Packing Size (mm)	1900x1600x1850
淨/毛重	N.W./G.W.(kg)	950 / 1150

AUTO. COPY SHAPING MACHINE WITH DUST SPLASH GUARD

This machine is a combination design of copy shaping machines. It is suitable for medium & small workpieces shaping & profiling, and is easy and convenient to operate. Optional Auto Copying Seat & Feeding Seat are available for automatic production.



LH-40-2D
附防塵安全門 (with dust splash guard door)
Patent NO. 34293



LH-40-D
附防塵安全門 (with dust splash guard door)

Features:

- ◆ Concerned with the problems of wood chips, dust & danger of woodworking machines?
 - ◆ 請問您是否曾有使用過仿型機木屑集塵及木屑彈出危險的困擾?
- ◆ Try the Lih Woei Auto Copy Shaping Machine with dust-splash guard door, available on models LH-40-D & LH-40-2D.
 - ◆ 請嘗試新的解決方法，利偉的自動仿型鋸邊機附防塵安全門型號：LH-60-2D，LH-80-D，LH-100-D
- ◆ This machine is suitable for working on medium & large sized furniture, such as tables, chair legs and doors. With a twin cutterhead device, processing with the wood grain avoids wood breakage, and reduces problems from re-sanding.
 - ◆ 這些機械適合加工中型或大型傢具，例如：桌子、椅腳、門等，且附有雙刀頭的設備在處理木頭紋路時可避免破損裂痕，省去再次砂光的問題。

型號	Model	LH-28-2D	LH-40-2D	LH-40-D
仿削尺寸	Cutting capacity	3"~28"	3"~40"	3"~40"
最大加工長寬比	Max. cutting length to width ratio	25"x12.5"	36"x12.5"	15"x36"
圓盤外徑	Table diameter	Ø18"x2"	Ø27"x2"	Ø27"
圓盤轉速	Table speed	1.5-6 r.p.m.	1.5-5 r.p.m.	1.5-6 r.p.m.
主軸轉速	Spindle speed	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.
主軸直徑	Spindle diameter	Ø30mm(25.4mm)	Ø30mm(25.4mm)	Ø30mm(25.4mm)
主軸高度	Spindle height	5.5"	5.5"	5.5"
最大刀具外徑	Max. Cutter diameter Range	Ø200mm	Ø200mm	Ø200mm
靠輪外徑	Follower wheel diameter	Ø100mm	Ø100mm	Ø100mm
圓盤馬力	Table drive motor	2 HPx2	2 HPx2	2 HP
主軸馬力	Cutter head drive motor	7-1/2 HPx2	7-1/2 HPx2	7-1/2 HP
淨重	Net weight (kg)	1900 kgs	2700 kgs	1280 kgs
毛重	Gross weight (kg)	2300 kgs	3100 kgs	1500 kgs
機械尺寸	Machine size (mm)	2260x1400x1750	3030x1710x1850	1750x1590x1910
裝箱尺寸	Packing dimensions (mm)	2335x1500x1925	3080x1800x2025	1800x1680x2220

AUTO. COPY SHAPING MACHINE WITH SANDING ATTACHMENT



LH-62-S, LH-72-S
Auto. copy shaping machine
With sanding attachment



LH-40-TC-S
Auto. copy shaping machine two
cutter heads with sanding attachment

型號	Model	LH-40-TC-S	LH-62-S	LH-72-S
仿削尺寸	Cutting capacity	3"~40"	6"~62"	6"~72"
最大加工長寬比	Max. cutting length to width ratio	15"x36"	55.2"x27.6"	62"x30"
圓盤外徑	Table diameter	Ø27"	Ø46"	Ø46"
圓盤轉速	Table speed	0.5~3 r.p.m.	1~3 r.p.m.	1~3 r.p.m.
主軸轉速	Spindle speed	8000 r.p.m.	8000 r.p.m.	8000 r.p.m.
主軸直徑	Spindle diameter	1st cutter: 40mm/m 2st cutter: 30mm/m	Ø30mm	Ø30mm
主軸高度	Spindle height	5.5"	5.5"	5.5"
最大刀具外徑	Max. Cutter diameter Range	Ø200mm	Ø200mm	Ø200mm
靠輪外徑	Follower wheel diameter	Ø100mm	Ø100mm	Ø100mm
圓盤馬力	Table drive motor	2 HP+inverter 2HP	2 HP	2 HP
主軸馬力	Cutter head drive motor	25HP, 10HP	10 HP	10 HP
砂光馬力	Sanding attachment motor	5HP	2 HP	2 HP
淨重/毛重	Net weight (kg)/Gross weight (kg)	990 kgs/1240 kgs	1750 kgs/2100 kgs	1950 kgs/ 2600 kgs
機械尺寸	Machine size (mm)		1870x1943x1880	1950x2150x1880
裝箱尺寸	Packing dimensions (mm)	2700x2000x2220	1943x2260x2220	2050x2260x2220
幫浦馬力	Pump motor	1HP		

AUTO COPY INNER SHAPING MACHINE

Features:

- ◆ This machine is a breaking from traditional manual inner shaping processes. The working speed is as high as a NC copying machine, but with a more economical price. It reduces initial investment and production costs.
- ◆ Suitable for inner shaping of square, round and irregular workpieces, such as toilet seat covers, clock shells, picture frames and similar products.
- ◆ 這種機械是突破傳統手動機械內仿的加工，其加工速度與NC機械一樣高，但是價格卻便宜經濟許多，它可減少投資也可降低產品成本。
- ◆ LH-23及LH-920適合四方型，規則圖形的內部加工，例如：馬桶蓋、時鐘殼與相框等。



↑ LH-920



↑ LH-23



型號	Model	LH-920	LH-23
加工直徑	Shaping capacity	6"~36"	1"~23"
圓盤直徑	Round disc dia.	1300 mm	880 mm
圓盤內徑	Table diameter	920 mm	large-585 mm, Small-410 mm
刀具外徑	Cutter diameter	100 mm	5-100 mm
主軸直徑	Spindle diameter	Ø30 mm	Ø30 mm
主軸轉速	Spindles speed	8000 r.p.m	8000 r.p.m~16000 r.p.m
主軸馬力	Cutter head drive motor	10 HP	7-1/2 HP
圓盤馬力	Table drive motor	2 HP (D.C. motor)	2 HP
淨重	Net weight (kg)	1960 kgs	1154 kgs
毛重	Gross weight (kg)	2200 kgs	1196 kgs
機械尺寸	Machine size (mm)	1890x1460x2015	1397x1168x1910
裝箱尺寸	Packing dimensions (mm)	2010x1570x2250	1549x1270x2200

FULL AUTO COPY SHAPING MACHINE

Features:

- ◆ This machine breaks from traditional manual processing on a shaft center processing machine, and is especially mounted with a PC program controller to enable processing speed in accordance with a CNC computer copying machine. However, the lower price of this unit reduces the burden of large capital requirements, and lowers the cost of production.
- ◆ Utilizes double-shaft & double-cutter device to process according the strips of wood. It prevents cracks & fragmentation and can solve re-polish problems.



↑ LH-30-DS
Patent NO. 26115
55814



↑ LH-40-DS
Patent NO. 163337



↑ LH-28DS
全自動送料
Fully automatic workpiece feed.
Patent No. 26115,55814

型號	Model	LH-28-DS	LH-30-DS	LH-40-DS
自動送料寬度	Auto. Feeding Width	1"~7"	1"~12"	6"~22"
圓盤內徑	Table diameter	Ø18"	Ø18"	Ø18"
圓盤轉速	Table speed	1.5-8 r.p.m.	1.5-7 r.p.m.	1.5-5 r.p.m.
主軸轉速	Spindle speed	8000 r.p.m	8000 r.p.m	8000 r.p.m
主軸直徑	Spindle diameter	25.4 mm	30 mm (1-1/4")	30 mm (1-1/4")
最大仿型刀外徑	Max. Shaping cutter dia.	Ø200mm	Ø200mm	Ø200mm
主軸高度	Spindle height	4"	5.5"	5.5"
靠輪外徑	Follower wheel diameter	Ø100mm	Ø100mm	Ø100mm
圓盤馬力	Table drive motor	2 HP	2 HP	2 HP
主軸馬力	Cutter head drive motor	5 HPx2	7-1/2 HPx2	10 HPx2
工作速度	Working speed	5-6 times/minute	5-6 times/minute	2-4 times/minute
淨重	Net weight (kg)	960 kgs	1200 kgs	2200 kgs
毛重	Gross weight (kg)	1160 kgs	1500 kgs	2500 kgs
機械尺寸	Machine size (mm)	1499x1422x1930	2850x1950x1950	2850x1950x1950
裝箱尺寸	Packing dimensions (mm)	1790x1550x2220	1850x2000x2200	2980x2000x2200