



昌勇實業股份有限公司
JARNG YEONG ENTERPRISE CO., LTD.



Single Spindle Automatic Lathe

本系列產品可廣泛應用於電子、電器、汽機車、科學儀器、樂器、鐘錶、衛浴零件、空油壓、傢俱、縫紉機及各式五金零件加工。

單軸自動車床 JY1525 · JY2025 SINGLE SPINDLE AUTOMATIC LATHE

本機特點：

1. 本機主軸為套筒式，由兩組高精度之軸承支持，容易保養與更換，剛性強，可保持長期的精密度與穩定。
2. T1管凸輪可設1:1進刀式，充份減少凸輪進刀高度，增加工件外徑車削長度。可重覆分段外徑車削，減少刀具負荷，延長壽命。
3. 1號刀、5號刀為方便之使用，有裝置微調螺絲，可作平行、斜度之調整。
4. 本機凸輪裝置有沖油系統，能保持凸輪壽命與清潔切屑之附著，本設計為雙截式，如使用銑牙附件時，可拆卸一端，另一端可繼續使用，另附有六角板手座，可減少板手之遺失。

The machine features :

1. The main-spindle of the machine is sleeve style, which is supported by two sets of high-accurate bearings, it's easy for maintenance and replacement. With strong rigidity, it can keep long-term accuracy and stability.
2. The T1 pipe cam can be set to 1 : 1 feed-type. Fully lower the feed height of cam, and increase the outside-diameter turning length of the workpiece. It can repeat turning the outside-diameter sectionally, reduce the tool load, and extend the tool life.
3. In order to be conveniently used, micro-adjusting screws are installed on Tool No.1 and Tool No.5 for adjustment of parallelism and obliquity.
4. Flushing oil system is installed on cam device, which can keep the cam in good condition and clean the attached chips. The design is two-part ; For example, when using the milling thread device, one side can be taken off but the other side can still be used... Besides, it attaches with hexagonal wrench seat, which can prevent the wrench from loss.

JY-1525 搭配側鑽裝置

JY-2025 With side drilling device



樣品
Sample

JY-1525
JY-2025



The series of products are widely available for finishing on parts of electronic, electrical appliances, automobile, motorcycle, scientific instrument, music instrument, watch, clock, toilet facility, air/oil press, furniture, sewing machine and various hardwares, etc.

單軸自動車床JY32H · JY42H SINGLE SPINDLE AUTOMATIC LATHE

本機特點：

1. 主軸為無段變速，對材料車削有更廣泛之選擇，凸輪轉速採高扭力DC無段變速控制。
2. 本機主軸馬達為5HP變頻馬達，攻牙採正逆轉方式，直接傳動輸出，達到高扭力之攻牙能力，並加裝長程攻牙裝置，攻牙時凸輪軸停止轉動，達到攻長牙之功能。
3. 當手動調機時，前、後皆可操作，易於調機，提昇效率。
4. 油壓單元組合，油箱增加氣冷卻裝置，使溫度穩定，配合高效率之迴轉中空油壓缸，對長時間車削，無壓力增減之困擾。
5. 下料有大空間之設計、鐵屑、工件易於分開處理，節省人工，增加效益。

The machine features :

1. The main-spindle adopted with stepless infinitely variable speed. The material are widely available for cutting the workpiece. The cam speed is controlled by high-torque DC stepless variable speed.
2. The main-spindle motor of this machine is 5HP inverter motor. The tapping adopts with forward and reverse way and can directly transmit to output to reach the high-torque tapping.
And install long-tapping device, when the camshaft stops tapping, it can reach the long-tapping function.
3. While using hand operation, the machine can be operated in front and back. It is easy to adjust to improve the efficiency.
4. The cylinder equipped with the coolant device to make the temperature steady. And with the high effective rotary cylinder, it's good for the steadiness of the pressure during the long time turning.
5. An extensive space is designed to easily separating chips and work pieces. Saving in manpower and increasing in efficiency.



JY-32H
JY-42H



JY-105



規格Spec	機型Type	JY-105	JY-1525	JY-2025	JY-32H	JY-42H
刀具數 Number of tool		5				
尾軸數 Number of tail-shaft		1	2			
最大加工直徑 Max. diameter of processing(mm)		φ15	φ20	φ32	φ42	
		○12	○16	○27	○36	
		□10	□14	□22	□28	
Tool No.1 最大加工長度 Max. length of processing for tool No.1		30mm	35mm	75mm		
Tool No.5 最大加工長度 Max. length of processing for tool No.5		30mm	30mm	50mm		
鑽孔最大直徑 Max. diameter of drilling(mm)		φ8	φ10	φ20		
攻牙最大直徑-鐵 Max. diameter of tapping (free cutting steel)		M5	M10	M20		
攻牙最大直徑-銅 Max. diameter of tapping (free cutting brass)		M6	M12	M30		
主軸轉速 Spindle speed		2150~5870 rpm	2370~7400rpm	1830~6400rpm	50~3000 rpm	
主軸迴轉速度變換速 The conversion of spindle rotary speed		5			無段(variable speed)	
凸輪轉速 Cam shaft speed		1.9~25.8 rpm	1.5~37.5 rpm	1.1~28 rpm	無段(variable speed)	
凸輪迴轉速度變換速 The conversion of cam rotary speed		15			無段(variable speed)	
主軸馬達 Main-spindle motor		2HP 1.5KW			3HP 2.25KW	5HP 3.7KW
凸輪軸馬達 Cam shaft motor		1HP 0.75KW D.C				
切削油泵馬達 Machining oil pump motor		1/8HP			1/4HP	
機械尺寸 Machine dimensions		147X55X150CM			210X100X165CM	
重量 Weight		800KG	800KG	800KG	1450KG	1450KG

標準配件表STANDARD ACCESSORIES

* 此記號皆附配件

規格Spec	機型Type	JY-105	JY-1525	JY-2025	JY-32H	JY-42H
手動棒材送料裝置 Manual bar feeding device		如搭配送料機，則無此配件。 If with auto barfeeder, this accessory is not available. (如加裝自動送料機，材料外徑大於料夾夾持範圍時，材料外徑需加工。) The bar dia. will need to be processed if it is out of the chuck's max clamping range while the auto bar feeder is installed.				1組 1 set
防濺護蓋 Oil splash prevention cover		1組 1 set				
集中給油系統 Centralized oiling system		自動(auto)			手動(manual)	
冷卻裝置 Cooling device		1組 1 set				
工具箱(含調節工具) Tools box		1組 1 set				
丸駒座 Dies holder		φ20	φ20 & φ25		φ38 & φ50	
工作燈 Lighting device		1組 1 set				

特別附件
OPTIONAL ACCESSORIES

JY-1525, JY-2025,
JY-32H, JY-42H

銑牙裝置/多邊裝置
Milling thread device

非直線車削裝置
Non-linear turning device

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