



shandong lu young machinery co.,ltd

luyoungcncmachines.com

5 Axis Swiss Type Automatic Lathe Machine For Precise Turning 20mm Production

Our Product Introduction

For more products please visit us on luyoungcncmachines.com

Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc swiss lathe machine
- Certification: CE
- Model Number: SM325
- Minimum Order Quantity: 1/STE
- Price: \$28000-\$49000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 7DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



Product Specification

- Spindle Speed: 6000rpm
- Power Source: AC 220V/380V
- Model: CNC Lathe
- Axis: 5
- Max. Turning Diameter: 20mm
- Voltage: 220V/380v
- Type: CNC Lathe Machine
- Max. Turning Length: 20mm
- Rapid Traverse Rate: 20m/min
- Chuck Type: Collet Chuck
- Max Turning Length: 200mm
- Number Of Axes: 7
- X/Z Axis Travel: 100mm/200mm



More Images



Product Description

5 Axis Swiss Type CNC Lathe Machine for Precise Max. Turning Diameter 20mm Production



Specification

Description	Unit	Specifications
-------------	------	----------------

Processing capacity	Max machining diameter		mm	20
	Stroke		mm	260
	Max. Turning Diameter		mm	20
	Main Spindle RPM		rpm	8000
	Sub Spindle RPM		rpm	8000
	Cross Driven Tools		rpm	5000
	Back Work Tools		rpm	5000
	C axis Additional Positive Brake		°	1/1000(0.001)
	Max. Turning Diameter		mm	20
Traverse Rate	Stroke	X1 axis	mm	60
		Y axis	mm	342.5
		Z1 axis	mm	260
		X2 axis	mm	355
		Z2 axis	mm	220
	Rapid Traverse Rate	X1 axis	m/min	24
		Y/Z1/X2/Z2 axis	m/min	32
Number of tools	O.D Tools		ea	6
	Front Work Tools		ea	5
	Cross Living Tools		ea	4
	Back Work Tools		ea	3(Rotation)+1(fixed)
	O.D Tools specification		mm	12×12
	Front Work Tools diameter		mm	(Standard)25
	Power Tool Chuck Specifications		mm	ER16
	Spindle motor		kw	2.2/3.7
	Sub Spindle motor		kw	1.5/2.2
Motors	Servo axis motor		kw	0.75
	Cross Driven Tools motor		kw	2.5kw
	Back Work Tools motor		kw	1.0
	Lubrication pump motor		w	5
	Coolant motor		kw	0.4(pressure 0.5bar)
	Coolant tank capacity		L	180
	Lubrication tank capacity		L	1.8
	Height from floor to spindle center		mm	1000
	Dimension		mm	2560×1510×1660
	Cross Weight		KG	3600
1	CNC controller: Taiwan Syntec Controller system			
2	Automatic lubrication system			
3	Water pump cooling system			
4	Full Protection Frame			
5	Cross living tools,4live tools			

6	Z axis direction Fixed cutter holder,4 drilling tools holder(ER16)
7	P4 classes Precision screw guide:Japan THK brand(X,Y,Z)
8	Electric spindle
9	Bearing:Japan NSK
10	C axis Stepless indexing
11	X1,Y1,Z1,Z2 ,X2 aixs servo motor: Japan YASGAWA
12	Driving---Japan YASGAWA
13	Long workpieces feed tube

Product Description

SM205 Chinese hig precision metal swiss type cnc lathe machine for dentalSwiss lathe machinable stainless steel, titanium alloy, brass, aluminum alloy, platinum and iridium alloy. It is suitable for high-processing of complex parts such as aviation, aerospace, military, automobile, motorcycle,communication, refrigeration, optics, home appliances, electronics, watches, toys, medical and other industries.

Product Feature

- 1.Arrangement of tooling:13 fixed tools and 9 live tools among 22 tools can handle complex processing.
- 2.Fanuc system: Stability self diagnostician(chucking,ejector, oil cooling,cut, tool breakdown).
- 3.Front end tool:5 fixed tools in front end tool, 4 live tools in cross drill,6 fixed tools in bite tool.
- 4.Back-end fixed tool:1 fixed tool and 3 live tools.
- 5. Toggle system: Lt is possible to maintain continuous process without toggle's damage.
- 6.Off-center tool:1 fixed tool and 2 live tools,finished parts by our machine tools

Company Profile

The main product of Shandong Luyoung Machinery Co.,Ltd is CNC lathe machine, CNC milling machine, CNC machine centers,CNC swiss type automatic lathe. Annual output is 900sets/ year.

- 1.More than 20 years of production experience.
- 2.Exported more than 40 countries.
- 3.More than 300 staffs in factory.
- 4.CE and ISO9001 certification .
- 5.7×24 hours online service.