

SM385 Precision Turning Swiss Type Automatic Lathe Tools 220V 380V Horizontal Structure

Our Product Introduction

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Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc swiss lathe machine
- Certification: CE
- Model Number: SM325



Product Specification

- Weight: 3000kg
- Machine Structure: Horizontal
- Max. Turning Length: 20mm
- Model: CNC Lathe
- Dimension: 2000mm X 1000mm X 1500mm
- Axis: 5
- Type: CNC Lathe Machine
- Power Source: Electric
- Dimensions: 2000mm X 1200mm X 1800mm
- Tool Shank Size: 38mm
- Coolant System: Yes
- Control System: CNC
- Machine Weight: 3500kg



More Images



Product Description

SM385 Precision Turning Swiss Lathe Machine with 220V/380V Voltage and Horizontal Structure

SM385 swiss type cnc lathe machine learning

Our Product



Describe				specifications	
			unit		
Processing capacity	Max machining diameter		mm	40	
	Stroke		mm	220	
	Main Spindle RPM		rpm	8000	
	Sub Spindle RPM		rpm	8000	
	Cross Driven Tools RPM		rpm	5000	
	Additional Positive Brake		s	1/1000(0.001)	
	Max. Turning Diameter		mm	40	
Traverse Rate	Stroke	X1 axis	mm	60	
		Y axis	mm	380	
		Z1 axis	mm	220	
		X2 axis	mm	380	
		Z2 axis	mm	220	
	Rapid Traverse Rate	X1 axis	m/min	24	
		Y/Z1/X2/Z2 axis	m/min	32	
Arrangement of tools	O.D Tools		ea	5	
	Front Work Tools		ea	5	
	Cross Driven Tools		ea	4	
	Back Work Tools		ea	4	
	O.D Tools specification		mm	16×16	
	Front Work Tools diameter		mm	3*25+2*20	
	Power Tool Chuck Specifications		mm	ER16	
Motors	Spindle motor		kw	5.5/7.5	
	Sub Spindle motor		kw	1.5/2.2	
	Servo axis motor		kw	1	
	Cross Driven Tools motor		kw	0.55/1.1	
	Lubrication pump motor		w	5	
	Coolant motor		kw	0.9	
Others	Coolant tank capacity		L	200	
	Lubrication tank capacity		L	1.8	
	Height from floor to spindle center		mm	1000	
			(L)	mm	2800
	Floor space		(W)	mm	1475
			(H)	mm	1850
	Mass of machine		kg	4500	
CNC control unit				SYNTEC/FANUC	
				SYSTEM	

SM385 swiss type cnc lathe machine learning configuration vice spindle, belonging to the turning and milling compound model. The biggest feature is the workpiece after a clamping can be achieved complete processing, reducing the number of equipment required, but also improve the production efficiency. After cutting off the parts, the sub-spindle grips the part and completes the machining on the back, such as drilling, boring and milling on the back. The **SM385 swiss type cnc automatic lathe** machine is also equipped with automatic feeder, the feeder part can be installed short feeder and long feeder. Can be achieved continuous feeding of materials under the continuous processing. The equipment is most suitable for aerospace, aerospace, military, automotive, communications, optics, medical equipment and other high-precision, work complex slender shaft parts.

Product features

1. **SM385 swiss type cnc lathe machine learning** 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: It is possible to maintain continuous process without toggle's damage.

6. **swiss type cnc automatic lathe** Off-center tool: 1 fixed tool and 2 live tools, finished parts by our machine tools

 **shandong lu young machinery co.,ltd**

 86 18660852746

 sales@luyoungmachinery.com

 luyoungcncmachines.com

Room 1061, Building A, Guoshan Center, Taiqian Street, Taishan District, Taian City, Shandong Province