



shandong lu young machinery co.,ltd
luyoungcncmachines.com



SM205 Swiss Type CNC Lathe Machine With Fanuc Controller System Main Spindle RPM 10000rpm

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Lu Young
- Certification: CE,ISO
- Model Number: sm205
- Minimum Order Quantity: 1set
- Price: \$30000-\$45000
- Packaging Details: plywood box
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month



Product Specification

- Max Machining Diameter: 20mm
- Stroke: 250mm
- Main Spindle RPM: 10000rpm
- Sub Spindle RPM: 8000rpm
- Cross Driven Tools: 5000rpm
- Spindle Motor: 2.2/3.7 Kw
- Sub Spindle Motor: 1.5/2.2kw
- Highlight: **10000rpm Swiss Type CNC Lathe Machine,
Swiss CNC Lathe Machine,
Fanuc Controller System CNC Lathe**

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Product Description

China factory price flat bed sm205 swiss type cnc lathe machine with fanuc controller system

This machine tool is suitable for processing various high-precision, multi-batch, and complex-shaped shafts used in aviation, aerospace, automobiles, motorcycles, communications, refrigeration, optics, home appliances, electronics, micro-electronics, clocks, office equipment, etc. Precision compound machining of similar parts.

Compared with CNC lathes, there is a qualitative leap in processing efficiency and machining accuracy. Due to the use of biaxial arrangement of tools, the processing cycle time is greatly reduced. Function, thread cutting effective axis movement overlapping function, direct spindle indexing function in secondary machining, shortening the idle time. The cutting tool is always processed at the clamping part of the spindle and the workpiece, which ensures that the processing accuracy remains unchanged.

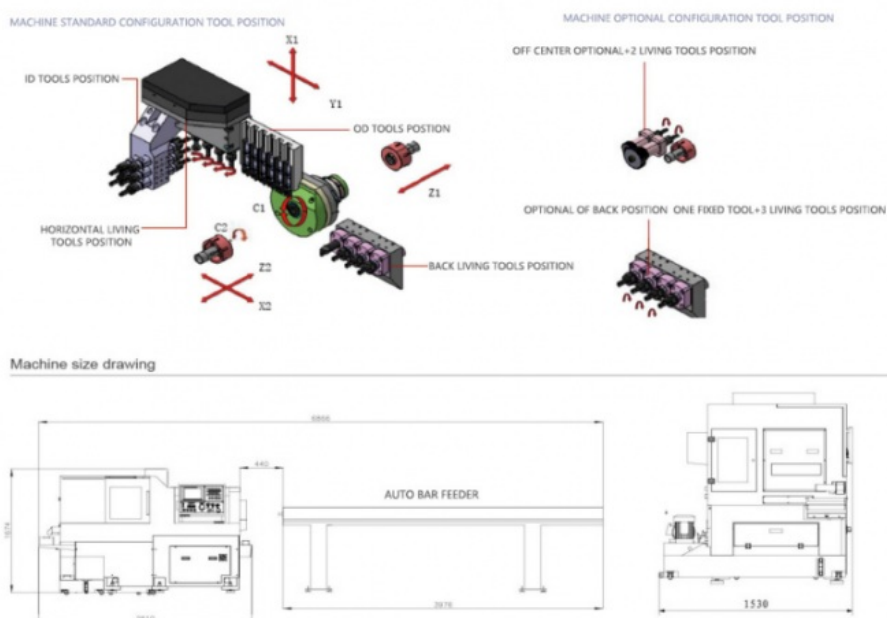
Application of our China factory price flat bed sm205 swiss type cnc lathe machine with fanuc controller system:

1. High rigidity: The whole machine is slightly heavier, which is reflected in the wall thickness of the body castings, the span of the guide rail, etc. The rigidity and expandability of the machine tool are strong, and it is better than other machine tools for heavy cutting. It has obvious advantages in processing steel, alloy steel, stainless steel, etc. Advantage.

2. High stability: The widened guide rail and span structure, the braking and locking device after the main/sub-axis indexing improve the stability of workpiece processing.

3. Slitting automatic lathe SM205 is suitable for processing all kinds of high-precision, multi-batch, shape and Precision compound machining of complex shaft parts.

This series of machine tools can be equipped with an automatic feeding device to realize fully automated production of a single machine tool, reducing labor costs and product defect rates.



Specification of China factory price flat bed sm205 swiss type cnc lathe machine with fanuc controller system:

Description	Unit	Specifications
Processing capacity	Max machining diameter	mm 20
	Stroke	mm 250
	Max. Turning Diameter	mm 20
	Main Spindle RPM	rpm 10000
	Sub Spindle RPM	rpm 8000
	Cross Driven Tools	rpm 5000
	Main/Sub Spindle CS axis indexing minimum unit	1/1000(0.001)
	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 Driven Tools	ea 4
	Back Work Tools	ea 4(fixed)
	O.D Tools specification	mm $\square 12 \times 12$
	Front Work Tools diameter	mm (Standard) 25
	Power Tool Chuck Specifications	mm ER16
Motors	Spindle motor	kw 2.2/3.7
	Sub Spindle motor	kw 1.5/2.2
	Servo axis motor	kw 0.5
	Cross Driven Tools motor	kw 0.75
	Lubrication pump motor	w 100
	Coolant motor	kw 0.4(pressure 0.5bar)

Other	Coolant tank capacity		L	180
	Lubrication tank capacity		L	1.8
	Height from floor to spindle center		mm	1000
	Floor space	(L)	mm	2610
		(W)	mm	1530
		(H)	mm	1674
	Mass of machine		kg	3600
	CNC control unit		set	Fanuc oi TF PLUS

Standard Function:

NO	Name	Number
1	Background Edit	1 set
2	Absolute / incremental editor	1 set
3	X-axis diameter / radius input	1 set
4	Constant surface speed control	1 set
5	Direct input of tool offset value	1 set
6	Single fixed cycle	1 set
7	Compound Fixed Cycle	1 set
8	Tip arc compensation	1 set
9	Metric / inch conversion	1 set
10	Graphic display	1 set
11	USB card socket	1 set
12	Processing time / quantity that represents the capabilities	1 set
13	Main/Sub Spindle Cs-axis control indexing locking device locking device locking device locking device	1 set
14	Hand retrace function	1 set
15	Collet chuck means	1 set
16	Pneumatic clamping mechanism	1 set
17	Centralized lubrication system	1 set
18	working lamp	1 set
19	Three-color warning lights	1 set
20	Conveyor Parts	1 set
21	Part receiving device	1 set
22	Security locks	1 set
23	Transformer	1 set
24	Tools	1 set
25	Sub spindle ejection apparatus	1 set
26	Ottomans to iron	1 set
27	Synchronous rotation guide means	1 set
28	4 axis Cross Driven Tools	1 set
29	Spindle, sub spindle in rigid tapping	1 set

Main accessories brand of China factory price flat bed sm205 swiss type cnc lathe machine with fanuc controller system

Name	Brand		Remarks
Screw	THK	Japan	Precision grinding P4 level
Guide	THK	Japan	Precise C3 level
lead screw bearing	NSK	Japan	Self centering P4 level
Spindle bearing	NSK	Japan	High speed angular contact bearing P4 level
Power head bearing	NSK	Japan	Angular contact bearing P4 level
Synchronous axis precision spline shaft	THK	Japan	Advanced precision
Control system	FANUC	Japan	
motorized	FANUC	Japan	
Servo motor	FANUC	Japan	



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机械零件 Machine Parts



通讯零件 Communication Parts



医疗器械零件 Medical Parts



汽车零件 Automobile Parts



通讯零件 Communication Parts



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