

Cnc Swiss Type Automatic Lathe Sm125 Horizontal 2 Spindle 5 Axis CE

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Lu Young
- Certification: CE,ISO
- Model Number: st125
- Minimum Order Quantity: 1set
- Price: 45000
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month



Product Specification

- Highlight: cnc lathe swiss type, cnc swiss type lathe, cnc swiss type automatic lathe



More Images



Product Description

sm125 China horizontal high quality 2 spindle 5 axis cnc swiss type lathe for sale with CE

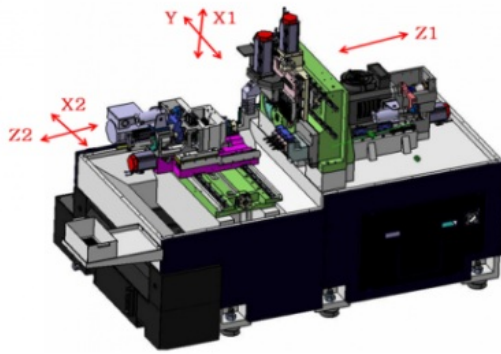
The products are particularly suitable for the processing of large-volume, high-precision, complex small and medium-sized parts in the automotive, electronics, communications, IT, medical, military, aviation, hardware, machinery and hydraulic accessories industries, and can achieve 24-hour unattended production.

The Swiss-type lathe adopts advanced CNC system, high-speed built-in electric spindle and built-in high-resolution encoder, coupled with reasonable layout, high-quality accessories (such as bearings, ball screws, linear guides, etc. are all imported products), sophisticated manufacturing, and factory inspection adopts foreign advanced standards, so the whole product has reached the international advanced level.

Specification of st125:

Main spindle configuration			12mm
Item			SM125
Max.turning diameter			φ12mm
Max movement of spindle	Standard		150mm
	No guide sleeve		2.5 times diameter
Turning tool	Quantity		6
	Tool specification		□10mm
End processing	Number of cutting tools	Front fixation tool	4 pieces
		Backside fixing tool	2 pieces(Double end tool bar)
	Max. drilling capacity	Fixed tool	φ8mm
	Max. cutting and tapping capacity	Fixed tool	M8*P1.25(SUS303)
Cross rotary tool	Number of cutting tools		4 pieces
	tool specification		1 piece ER16(demountable), 3pieces ER11
	Max. milling capacity		φ10mm
	rotate speed	ER16	6,000min-1
		ER11	8,000min-1
Power		0.75Kw	
Fast moving speed	Z1	32m/min	
	X1	32m/min	
	Y1	32m/min	
Spindle speed			88 8,000min-1 (6,000min-1 Synchronous guide sleeve)
Degree of spindle			C axis control (0.001°)
Spindle power			1.5/2.2kw
Spindle bore			φ13mm
coolant volume			140L
Cooling motor power			0.4kw
Overall dimensions (L * W * H)			1890*1165*1685mm
Weight			1900kg
Configuration of SUB spindle			
Max.turning diameter			φ12mm
Max. discharge part length			80mm
Max. clamping protrusion length			50mm
Back processing	Number of cutting tools	ER16	4 (fixed)
		fixed tool	φ8mm(SUS303)
	Max. drilling capacity	Rotary Tool/ Optional	φ6mm(SUS303)
		fixed tool	M8*P1.25(SUS303)
Max. tapping capacity	Rotary Tool/Optional	M6*P1.0(SUS303)	
Rapid speed		Z2	32m/min
		X2	24m/min
Max spindle speed			8,000min-1
Degree of spindle			C axis control (0.001°)
Spindle power			1.5/2.2kw

◆Product performance - Overall layout



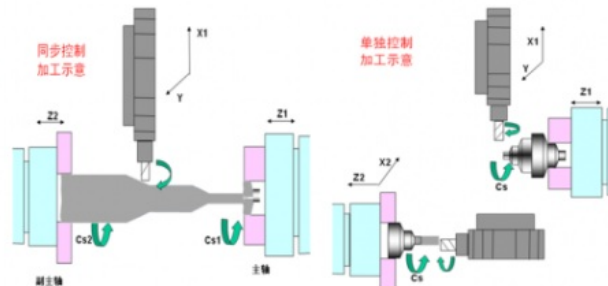
- The whole machine structure is analyzed by computer design software.
- Ensure sufficient rigidity of the machine tool.
- High machining accuracy and accuracy retention.
- Z1, X1 axis guide rail and tool table installation surface design in the center of the bed, to ensure the stability of the structure

◆Product performance - structural characteristics

➤Using the synchronous rotation function of the two spindles to replace the center frame to realize the processing of ultra-long and slender shaft parts

slender shaft parts

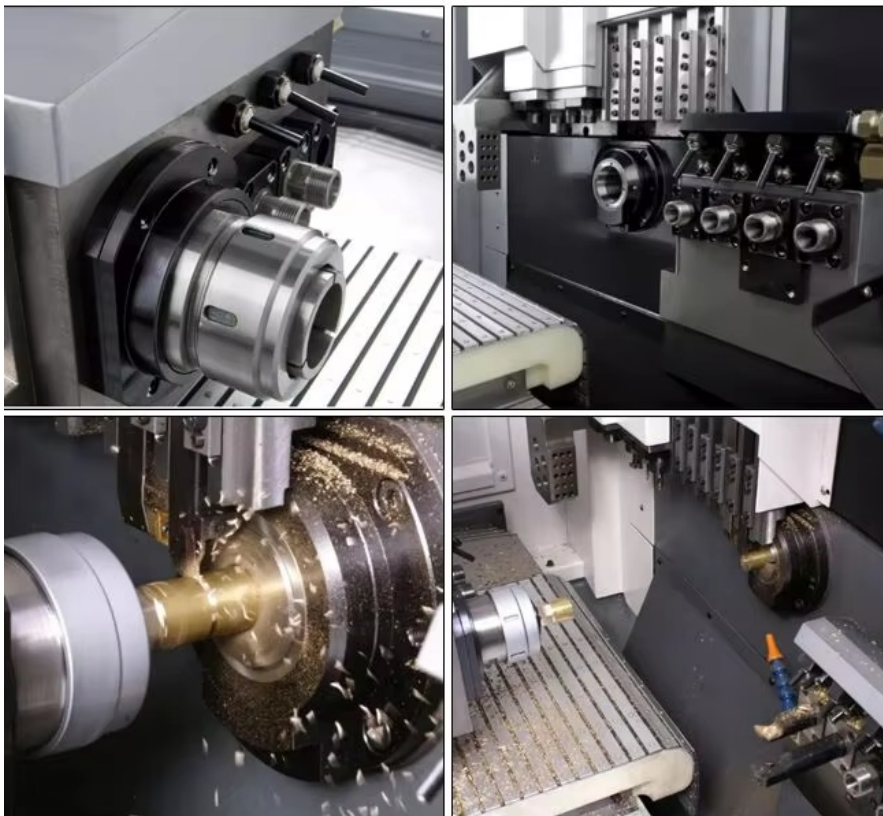
➤Front/back processing completely independent spindle parts back processing.



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1. High flexibility: It can be interchanged with or without guide sleeves. The power tool can be equipped with quick-change thread whirlwind milling, power head, VDI tool, chip conveyor, oil
2. Large processing space and easy operation: easy to change the tool, the vertical downward tool can obtain the best chip removal.
3. The FANUC α series is better than the β series for transverse power tool motor and feed motor.
 - 1) The α series is FANUC's highest equipped motor, and its accuracy, performance and life are better than the β series.
 - 2) β series motors do not have temperature detection. During continuous operation or heavy load, the temperature of the motor will continue to rise, which will damage the motor and the system.
 - 3) The spindle and servo amplifiers of our company adopt the α series (FANUC is the highest configuration), and the spindle and transverse amplifiers are separated, the β series are economical amplifiers, and the price is lower than the α series, and the spindle and transverse amplifiers are integrated. All need to be replaced in the later maintenance and replacement, and the maintenance cost of β series is higher than that of α series. α motor torque, feedback accuracy, encoder resolution, and current detection are far stronger than β motors.

Details



Application of sm125 China horizontal high quality 2 spindle 5 axis cnc swiss type lathe for sale with CE



Communication parts

Medical parts



Automobile parts

Communication parts



Our company:



Precision testing equipment 精密检测设备



Shandong Lu Young Machinery Co., Ltd. is established in July 1996. We are located in Shandong province. We are one of professional CNC lathe machine, CNC milling machine and Swiss lathe machine manufacturer in China. We founded our first lathe machine factory in 1996 in Tengzhou City to produce center lathe and universal milling machine for over 20 years development, we build three factories. One is for CNC lathe production, one for CNC milling production. We imported advanced production technology and R&D team from Korea in 2001 and build our third factory for Swiss lathe machine production. We own about 500 workers and 40 engineers, more than 5000 square meter. Our engineer team have rich experiences for equipment selection and process design, we can give you professional solution based your workpieces fast and freely. We could produce over 1000 sets CNC machine equipment one year. Our CNC machine tools have been exported over 40 countries and get good feedback.

- ♥ More than 20 years of production experience.
- ♥ Exported more than 40 countries.
- ♥ More than 300 staffs in factory.
- ♥ CE and ISO9001 certification.
- ♥ 7×24 hours online service.

The products have exported more than 40 countries around the world and receive many good feedback from our customer, please look who choose us:



1. We supply 24 hours on-line service, you could contact with us by email, phone, wechat, whatsapp, skype etc.
2. Received your phone or mail, we will analyze the problem immediately.
3. Supply professional solution, after analyze the problem, we give you our best solution.
4. The warranty period of the whole machine is 1 year. Under normal use, if the machine parts are damaged during the warranty period, we will provide free accessories. Outside the warranty period, if the parts are damaged, we only charge the cost price of the parts, and will never overcharge.
5. Provide lifetime free technical support, you can

contact us at any time if you encounter difficulties in the process of use. 6. We provide overseas services, engineers can go to the customer's factory for debugging, installation, maintenance, and repair. (In case of non-epidemic situation).

FAQ:

1. Does the sm125 China horizontal high quality 2 spindle 5 axis cnc swiss type lathe for sale with CE can be customized?

Of course, if our standard configuration can not meet your needs, please tell us that we redesign and produce the machine to meet your needs

2. How long is the warranty period of the sm125 China horizontal high quality 2 spindle 5 axis cnc swiss type lathe for sale with CE?

Warranty period is one year, if parts damage within one year, we will send free of charge. Free online training or factory training to ensure that you can use our products properly. We can offer overseas paid installation, commissioning service.

3. What time is your work time?

We work online 24 hours a day, offer quotes and technical support at any time.

4. Do you use the Trade Assurance on ?

Yes, all of the order use this. Can guarantee the quality of the product and your payment.

5. How to get a quote?

Please tell us the model you need or send us drawings of the workpiece, then we can recommend the most suitable products to you. We will give you the best offer within 24 hours.

6. How to contact with you?

My mobile/whatsapp: +86 18660853235; QQ:3494630853 ;Please send message to us, thanks in advance!



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