

Swiss Type Cnc Lathe Machine Ak164 Precision Fanuc Controller 4 Axis Horizontal

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Lu Young
- Certification: CE,ISO
- Model Number: AK164
- Minimum Order Quantity: 1set
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month



Product Specification

- Machine Name: AK164 Swiss Type Cnc Lathe Machine
- Max Spindle Speed: 10000/8000 Rpm
- Coolant Tank Capacity: 180L
- Machine Size: 1985*1321*1692mm
- Category: Swiss Type Cnc Lathe Machine
- Stroke: 150MM
- Spindle Motor: 3.7/5.5kw
- Sub Spindle Motor: 0.55/1.1kw
- Mass Of Machine: 3000kg
- CNC Control Unit: Fanuc/ Syntec
- Highlight: swiss type lathe, swiss type cnc lathe ak164, swiss type cnc lathe machine



More Images



Product Description

ak164 high precision fanuc controller 4 axis horizontal swiss type cnc automatic lathe

Our Product

Product Description:



Features:

Features of high-speed Swiss-type lathe AK164:

1. High speed, high precision and high efficiency: The optimal tool layout adopts high-speed computing and processing control to minimize tool change time, while obtaining the best positioning and shortening the auxiliary time.
2. High stability: The widened guide rail and span structure, the brake locking device after the main/secondary axis indexing, improve the stability of workpiece processing.
3. High configuration: Concentrate on the most advantageous functional components, multi-axis rich tool configuration, and standard power tools, which greatly broaden the processing range and meet the composite processing of complex parts.
4. High rigidity: The whole machine is slightly heavy, which is reflected in the wall thickness of the machine body casting, the span of the guide rail, etc. The rigidity and extensibility of the machine tool are strong, and the heavy cutting is better than other machine tools. It has obvious advantages in processing steel, alloy steel, stainless steel and other materials.
5. High flexibility: It can be interchangeable with or without guide sleeves. The power tool can be equipped with quick-change thread whirlwind milling, power head, VDI tool, chip conveyor, oil mist collector, wire extrusion wheel, high-pressure pump and other devices.
6. Convenient operating space: Convenient operating space, easy tool change, and vertical downward tools can obtain the best chip removal.

Technical Parameters:

describe			unit	specifications
Processing capacity	Max machining diameter		mm	16
	Stroke		mm	150
	Main Spindle RPM		rpm	10000
	Sub Spindle RPM		rpm	8000
	Cross Driven Tools RPM		rpm	5000
	Spindle CS axis indexing minimum unit		°	1/1000(0.001)
	Rapid Traverse Rate	X1 axis	m/min	24
Y/Z1/Z 2 axis		m/min	24	
Arrangement of tools	O.D Tools		ea	6
	Front Work Tools		ea	3
	Cross Driven Tools		ea	3
	O.D Tools specification		mm	□12×12
	Front Work Tools diameter		mm	25
	Power Tool Chuck Specifications		mm	ER16
Motors	Spindle motor		kw	3.7/5.5
	Sub Spindle motor		kw	0.55/1.1
	Servo axis motor		kw	0.5
	Cross Driven Tools motor		kw	0.5
	Lubrication pump motor		w	100
	Coolant motor		kw	0.25
		Coolant tank capacity		L
Lubrication tank capacity		L	1.8	
Height from floor to spindle center		mm	1050	
		(L)	mm	1985

Others	Floor space	(W)	mm	1321
		(H)	mm	1692
	Mass of machine		kg	3000
	CNC control unit			FANUC 0i- TF PLUS

Applications:

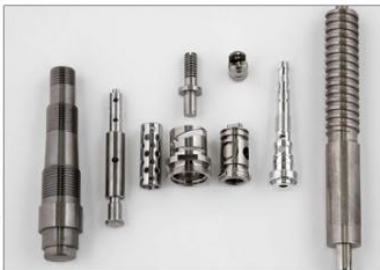
- 1) Competent in machining external circles, drilling, boring, end face turning, threading, grooving, cutting, tapping and other processes of parts.
- 2) Equipped with horizontal and vertical rotary power tools and sub-spindle rotary power tools, the machine tool should have the ability of milling (such as keyways, planes, curved surface contours, etc.) compound processing; after the parts are cut off, the sub-spindle can grab the parts and complete the back drilling, boring, milling, end face eccentric processing and other processes on the cut surface of the parts.
- 3) Equipped with automatic feeders and long/short parts catchers and other automation devices to achieve the goal of "one person, multiple machines" with one person operating and multiple machines being watched over.



Medical parts processing



Electronic communication parts



Precision parts processing



Mechanical parts processing

Customization:

We also offer automatic Swiss type lathe customization services to help you get the most out of your machine. Contact us today to learn more about our product customization services and how they can help you achieve your project goals.

Support and Services:

The CNC lathe machine comes with a comprehensive technical support and services package to ensure maximum productivity and uptime. Our team of experienced technicians is available to provide remote or on-site assistance with installation, setup, calibration, and maintenance of the machine. We also offer training services to help operators and maintenance personnel get up to speed on the machine's features and functions. In addition, our technical support team is available around the clock to answer any questions or concerns you may have regarding the machine's performance or functionality.

FAQ:

1. Does the ak164 high precision fanuc controller 4 axis horizontal swiss type cnc automatic lathe with living tools 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 ak164 high precision fanuc controller 4 axis horizontal swiss type cnc automatic lathe with living tools ?
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.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.

5.How to contact with you?

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



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