



shandong lu young machinery co.,ltd

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Heavy Duty CNC Lathe CK6180 1000/1500/3000/4000mm 6 4 8 Tool Post Stations Flat Bed CNC Lathe Machine

Our Product Introduction

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Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc lathe machine
- Certification: CE
- Model Number: CK6180
- Minimum Order Quantity: 1/SET
- Price: \$9000-\$18000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 30DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



Product Specification

- Number Of Axes: 2
- Machine Dimension: 2/2.3*1.5*1.7
- Tool Post Stations: 6, 4, 8
- Precision: High Precision
- Through Bar Diameter: Ø104/(optional Ø130)
- Positioning Accuracy: 0.01
- Spindle Speed Ranges: 100~1600r/min
- Distance Between Centres: 3000mm
- Total Power: 15kw
- Key Words: CNC Flat Bed Lathe
- Swing Over Bed: 800mm
- Max Turning Diameter: 800mm



More Images



Product Description

CK6180 Precision 6/4/8 Tool Post Stations Flat Bed CNC Lathe Machine



Specification

specification	CK6180A-1
Max. swing over bed (mm)	800
Max. swing dia. over cross slide(mm)	500
Max.processing length(mm)	1000
Form	Three gears No grade to change frequency
Number of spindle speed	No grade
Range of spindle speed(r/min)	25-850 rpm
The spindle terminal structure	C11
Diameter of spindle bore (mm)	105
The taper of spindle front-end	(Metric)120 1:20
Power of main motor (KW)	11KW
Max.travel of tool post (mm)	X:530 Z:1200
Fast moving feed speed (mm/min)	X:4000 Z:5000
Resetting accuracy(mm)	X:0.012 Z:0.016
Processing accuracy(mm)	IT6-IT7
Surface roughness	Ra1.6
Sleeve diameter of tailstock (mm)	100
Sleeve travel of tailstock (mm)	250
Cone hole taper of tailstock's sleeve	MT6

Standard configuration	Four-station vertical electrical knife rest
Alternative configuration	Horizontal Six-station electrical knife rest
Restting accuracy (mm)	0.01
Length of section of knife handle (mm)	30*30
Length*width*height	3200*1820*1780
Net weight (Kg)	4100

Product Description:

One of the key features of the Flat Bed CNC Lathe Machine is its CNC capabilities. With its advanced CNC system, this machine can perform a wide range of machining operations automatically and precisely. This makes it an ideal choice for applications that require high levels of accuracy and repeatability.

The spindle head type of the Flat Bed CNC Lathe Machine is A2-5, which is a popular type of spindle head used in many metalworking applications. This type of spindle head is known for its durability and reliability, which makes it an ideal choice for use in industrial environments.

The Flat Bed CNC Lathe Machine has two axes, which makes it a versatile and flexible machine that can handle a wide range of machining tasks. With its two axes, this machine can be used for both turning and milling operations, which makes it a great choice for applications that require both types of machining.

In addition to its advanced features and capabilities, the Flat Bed CNC Lathe Machine is also a cheap CNC lathe machine that offers exceptional value for money. This makes it an ideal choice for small and medium-sized businesses that need a high-quality CNC lathe machine but have limited budgets.

In summary, the Flat Bed CNC Lathe Machine is a high precision CNC automatic lathe machine that is perfect for metalworking applications. With its advanced CNC system, high spindle speed ranges, durable spindle head type, and two axes, this machine is capable of handling a wide range of machining tasks with exceptional accuracy and precision. And with its affordable price tag, it offers exceptional value for money, making it an ideal choice for businesses of all sizes.

CK6180 CNC lathe operating status obvious information display electrical system to use the indicator light to do the operation display, electrical components to have status indication, fault indication, there are obvious safety operation identification. The electrical system should reflect the humanized design, such as the operation of the 6180 CNC lathe and the average height and distance of the human body, reflecting the characteristics of convenient operation, comfort and easy observation, especially to touch the emergency stop button at any time to ensure rapid operation in emergency situations; The color of CNC lathes is not only in line with the standard, but also beautiful and obvious.

Product Feature

1.CK6180 Working flat bed cnc machine metal lathe tool postsCNC machine tool has beautiful appearance, reasonable structure, wide use and easy operation. 2. The spindle is supported by high-precision rolling bearing with high rotation accuracy. High precision ball screw is used to drive the longitudinal drag plate, which has good dynamic performance and high positioning accuracy. 3. The guide rail of the machine tool is made of wear-resistant cast iron and quenched by super audio frequency, and the hardness is above HRC45°C, which can ensure the processing accuracy for a long time. 4. Considering the easy vibration during turning, the high strength base is designed and the bed is widened, so it is especially suitable for strong turning. 5. Workpiece clamping form: 1. Three-jaw chuck clamping. 2. Spring chuck clamping, for user choice 6. Automatic feeding rack can be selected according to user requirements.

Applications:

The CK6150 is designed to handle a range of turning operations, including cylindrical turning, facing, drilling, threading and taper turning. Its two axes can be controlled simultaneously, allowing for complex cuts and shapes to be produced with ease. The machine's spindle speed ranges from 100 to 1600r/min, providing flexibility for different machining requirements.

With its coolant system, the CK6180 can operate continuously for long periods of time, while maintaining a consistent temperature and reducing the risk of overheating. This feature is particularly important when working with materials that generate a lot of heat, such as steel or aluminum.

The CK6180's flat bed design also makes it an excellent choice for machining large and heavy workpieces, ensuring stability and accuracy during operation. This feature is particularly useful in industries such as aerospace, automotive and marine engineering, where large components are frequently produced.

Despite its heavy duty capabilities, the CK6180 is also suitable for smaller machining operations, making it a versatile tool for various industries. Its CNC system and user-friendly interface enable efficient and precise machining, even for less experienced operators.

In summary, the CK6180 CNC automatic lathe machine is a high-quality, heavy duty flat bed type lathe machine, suitable for a range of machining applications. Its coolant system, two axes control, and spindle speed ranges are just a few of the many features that make it a valuable asset to metalworking industries. Whether you're working on large-scale engineering projects or smaller machining operations, the CK6180 is a reliable and efficient tool for achieving precision and accuracy.

Customization:

But that's not all - this CNC horizontal lathe machine also features a coolant system, tailstock shaft diameter of 95mm, and the option for 6, 4, or 8 tool post stations. With our product customization services, you can tailor this machine to your exact specifications and get the most out of your investment.

FAQ:

Q: What is the brand name of the CNC lathe machine?

A: The brand name of the CNC lathe machine is cnc lathe machine.

Q: What is the model number of the CNC lathe machine?

A: The model number of the CNC lathe machine is CK6150.

Q: Where is the CNC lathe machine manufactured?

A: The CNC lathe machine is manufactured in SHANDONG.

Q: What is the maximum turning diameter of the CNC lathe machine?

A: The maximum turning diameter of the CNC lathe machine is 500mm.

Q: What is the maximum length of the workpiece that can be mounted on the CNC lathe machine?

A: The maximum length of the workpiece that can be mounted on the CNC lathe machine is 1000mm.

Services:



Quality
Assurance



OEM & ODM



Technical
Supporting



Overseas After
-sales Service



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