

2 Axes CK6160x1500mm Flat Bed CNC Lathe Machine Manual Chuck

Our Product Introduction

Basic Information

- Place of Origin: SHANDONG
- Brand Name: cnc lathe machine
- Certification: CE
- Model Number: CK6160
- Minimum Order Quantity: 1
- Price: USD15700-USD22800
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets



Product Specification

- Number Of Axes: 2
- Tool Post Stations: 6, 4, 8
- Cnc Control: GSK Or FANUC Siemens, Syntec
- Tailstock Shaft Diameter: 95mm
- Positioning Accuracy: 0.01
- Coolant System: Yes
- Cnc Or Not: Cnc
- Through Bar Diameter: Ø82
- Tailstock Taper: MT-5
- Highlight: 2 Axes flat bed cnc lathe machine,
1500mm flat bed cnc lathe machine,
Manual Chuck flat bed cnc lathe

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Product Description

CK6160x1500mm Flat Bed Cnc Lathe Machine For Metal CNC Turning Machine



Product Description:

The CK6160x1500 Flat Bed CNC Lathe Machine is also equipped with a coolant system, ensuring that the machine stays cool during extended periods of operation, allowing for consistent and accurate machining. The machine has a through bar diameter of Ø104 (optional Ø130), which allows for the machining of a wide range of parts.

Designed for precision machining, the Flat Bed CNC Lathe Machine is perfect for a range of applications, including the production of small parts, such as those used in the aerospace, medical, and automotive industries. With its high precision and accuracy, the machine can produce parts with tight tolerances and complex geometries.

The Flat Bed CNC Lathe Machine is easy to operate, with a user-friendly interface and intuitive controls. It is also equipped with a range of safety features, ensuring that the machine is safe to operate, even in high-speed machining operations.

Overall, the Flat Bed CNC Lathe Machine is a high-quality, reliable machine that is perfect for precision machining of small to medium-sized parts. With its CNC control system, coolant system, and high-precision spindle head type, this machine is ideal for a range of applications, from the production of small parts to the machining of complex geometries. Whether you are in the aerospace, medical, or automotive industry, the Flat Bed CNC Lathe Machine is a versatile and reliable machine that will meet your machining needs.

Features:

Product Name: Flat Bed CNC Lathe Machine

Positioning Accuracy: 0.01

CNC Control: GSK or FANUC or Syntec or Siemens

Number of Axes: 2

Coolant System: Yes

Tailstock Shaft Diameter: 150mm

This small CNC lathe machine comes with FANUC control and features a coolant system. Its 2 axes and 0.01 positioning accuracy make it a reliable tool for precise machining. Additionally, the machine's tailstock shaft diameter is 95mm, while cnc lathe machine parts can be controlled with either GSK or FANUC CNC control.

Technical Parameters:

Item	CK6160
Max. swing dia. over bed	600mm
Max. swing dia. over cross slide	300mm
Processing length	750mm/1000mm/1500mm/2000mm
Width of the bed	400mm
Dia. of spindle	82mm
Spindle taper	1:20/90
spindle nose	Type of spindle head D-8
Spindle speed	30-150,100-500/320-1600rpm

Spindle speed step	Three gear speed manual change frequency conversion
chuck size	250mm
Tool holder	4 station
Tool bar section	25X25mm
Main motor power	7.5KW
X/Z axis position accuracy	0.02/0.025mm
X/Z axis repeatability	0.01/0.012mm
X/Z axis travel	360/750mm/1000mm/1500mm
X/Z axis fast feeding speed	8/10 M/MIN
Tailstock sleeve travel	150mm
Tailstock taper	MT5
Dimension	2410/2660/3160*1560*1730mm
weight	2800/3200/3500kg

Applications:

The flat bed CNC lathe is a common type of machine tool, and its design and performance characteristics make it an important part of the manufacturing industry. Here are the main features of flat bed CNC lathes:

Structural Features

Parallel Guide Rails: The two guide rails of the flat bed CNC lathe are parallel to the ground, which provides greater stability during operation and facilitates maintenance and adjustments.

Bed Shape: The bed has a rectangular shape when viewed from the side, which enhances the overall rigidity and stability of the machine tool.

Performance Features

High Rigidity: Flat bed CNC lathes are designed with a mechatronic integration approach, offering high rigidity that can withstand significant cutting forces, thus ensuring processing accuracy.

Processing Precision: This type of machine tool maintains good precision and is suitable for various machining tasks, including straight cylindrical, tapered cylindrical, and more.

Ease of Operation: Due to their simple structure, flat bed CNC lathes are generally easy to operate, making them suitable for beginners and small enterprises.

Economic Efficiency

Cost-Effectiveness: Flat bed CNC lathes are relatively inexpensive, with lower manufacturing complexity, which allows them to occupy a significant share of the market. They are often modified from conventional lathes, making them appealing to cost-sensitive users.

Application Fields

Wide Applications: These machine tools are used in various industries, including machinery manufacturing, electronics, automotive, and more, particularly excelling in situations where high processing precision is not critical.

In summary, flat bed CNC lathes play an important role in the manufacturing industry due to their simple structure, high cost-performance ratio, and good processing capabilities.

FAQ:

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

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

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

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

Q: Where is this CNC lathe machine made?

A: This CNC lathe machine is made in SHANDONG.

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

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

Q: What is the maximum spindle speed of this CNC lathe machine?

A: The maximum spindle speed of this CNC lathe machine is 2000 RPM.

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