



## CNC Vertical Lathe Machine 1600mm Max Workpiece Length

Our Product Introduction

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### Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY, BAISHUN MACHINERY
- Certification: CE/ISO9001
- Model Number: CK5116
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 30-35 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20 Set/Sets per Month



### Product Specification

- Max. Length Of Workpiece 1600 (mm):
- Max. Spindle Speed (r.p.m): 160 R.p.m
- Machining Capacity: Medium Duty
- Max. Turned Length (mm): 1600
- Positioning Accuracy (mm):  $\pm 0.005$
- Dimension (L\*W\*H): 2660\*2665\*3528mm
- Tool Post Stations: 4
- Weight (KG): 12500
- Highlight: 3 Axis Vertical Turning Lathe, Universal Vertical Turning Lathe



### More Images



Our Product

### Product Description

#### CNC Vertical Turning Lathe Machine

The CNC vertical lathe is a top-performing machine with a wide range of capabilities and high productivity. Our company has developed a cutting-edge machine tool that seamlessly integrates animatronics and hydraulics, drawing inspiration from advanced design and manufacturing techniques, and incorporating our rich corporate culture. This allows us to deliver world-class products to both domestic and international customers.

To ensure high precision and durability, we have employed integral casting and a thermally balanced structure for the table. The main shaft bearing utilizes a high-precision double row cylindrical roller bearing, and the table guideway is optimized for

smooth operation.

Please note that we are constantly striving to enhance our products, and therefore, the information provided may be subject to change without prior notice.

#### Product Description

The CNC vertical lathe, also known as a vertical turning center, is a machine tool used for turning and cutting metal components with high precision and efficiency. CNC vertical lathe has a vertical spindle that holds and rotates the workpiece. They are widely used in the manufacturing industry for producing large and heavy components, such as gears, turbines, and aerospace parts. They are particularly useful for turning components with a high aspect ratio. Additionally, CNC vertical lathes are highly automated and can be programmed to perform a wide range of machining operations, such as turning, drilling, boring, threading, and milling, with minimal human intervention. Overall, The CNC vertical lathes are a versatile and efficient machining tool that offer high precision and automation capabilities, and that is why makes them an essential component of modern manufacturing processes.

#### Machine parameter

Model	CK518	CK5112Q	CK5112A	CK5116Q	CK5120A	CK5126A
Max. turning diameter of vertical tool rest (mm)	800	1200	1200	1600	2000	2600
Working table diameter (mm)	700	1000	1000	1400	1800	2200
Max. height of work-piece (mm)	800	1000	1000	1200	1250	1400
Max. weight of work-piece (kg)	1500	1500	3200	3200	8000	8000
Range of worktable rotation speed (rpm)	30-260	20-180	6.3-200	15-160	3.2-100	2.2-70
Feeding series	Stepless	Stepless	Stepless	Stepless	Stepless	Stepless
Range of tool rest feed (mm/min)	0.25-90	0.25-90	0.8-86	0.25-90	0.8-86	0.8-86
Cross beam travel (mm)	500	1000	650	1200	890	1090
Horizontal travel of tool rest (mm)	500	700	700	900	1115	1400
Vertical travel of tool rest (mm)	450	500	650	750	800	800
Size of section of cutter bar (mm)	30*40	30*40	30*40	30*40	30*40	30*40
Main motor power (kw)	11	15	22	15	30	30

# HIGH EFFICIENCY

## CK5116 CNC VERTICAL LATHE




IT'S TIME TO  
GET YOUR MACHINE

MULTI-PURPOSE | CNC LATHE

High Quality /PRODUCT<sup>+</sup>

Factory Diresct /SELLING<sup>+</sup>

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# Product Details Display

01

WORKTABLE

Worktable has high rotation precision and large load capacity.

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02

ELECTRIC TOOL POST

Clients can choose 4,5,6 station electric tool post.

03

COLUMN/ CROSS BEAM

High frequency column and beamguide, hardness HRC-55 degree.

04

CONTROL SYSTEM

Standard with GSK980TDi control  
Optional-Siemens, Fanuc, Syntec ect.



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