

## CK5120 Vertical Cnc Lathe Machine High Precision Heavy Duty CNC Turning Lathe

Our Product Introduction

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### Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE ISO
- 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 2600 (mm):
- Max. Spindle Speed (r.p.m):260 R.p.m
- Machining Capacity: Medium Duty
- Travel (Z Axis)(mm): 800 Mm
- Positioning Accuracy (mm):  $\pm 0.005$
- Repeatability (X/Y/Z) (mm):  $\pm 0.003$
- Weight (KG): 7000
- Product Name: CNC Vertical Turning Lathe
- Max.turning Diameter: 1600mm
- Max. Height Of Wok Piece: 1200mm
- Highlight: CK5120, vertical cnc lathe machine, cnc vertical turning lathe



### More Images



## Product Description

### Product Description

#### High Precision Vertical Lathe Machine CK5116 Heavy Duty CNC Turning Lathe

The CNC vertical lathe is of excellent performance, a wide range of technology, high productivity.

Based on referring to the advanced machine design and manufacturing technology, adopting the newest design philosophy, and combining the profound corporate culture, our company has developed a kind of delicate machine tools with animatronics and hydraulics integration, and provided the world-class products for overseas and domestic customers.

To make the lathe with high turning precision and enough rigidity and intensity, the table adopts integral casting and thermal symmetric structure, the main shaft bearing is the high-precision double row cylindrical roller bearing, and the table guideway.

\* As we are constantly working to improve our products, we reserve the right to update this information data. It is subject to change without notice.

The CNC Vertical lathe is a big machine used for handling large and heavy workpieces with a wide radial size and relatively smaller axial size. It's designed to process workpieces with complex shapes, such as cylindrical surfaces, end surfaces, conical surfaces, cylindrical holes, conical holes, and more. Additionally, with the help of additional tools, it can also perform operations like thread cutting, turning spherical surfaces, imitation machining, and grinding. Unlike horizontal lathes where workpieces are clamped horizontally, the vertical lathe has its main spindle axis arranged vertically, and the worktable is positioned horizontally. This arrangement makes it more convenient for clamping and aligning workpieces. Furthermore, this setup reduces the load on the spindle and bearings, enabling the vertical lathe to maintain its accuracy over long periods of operation.

#### 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>

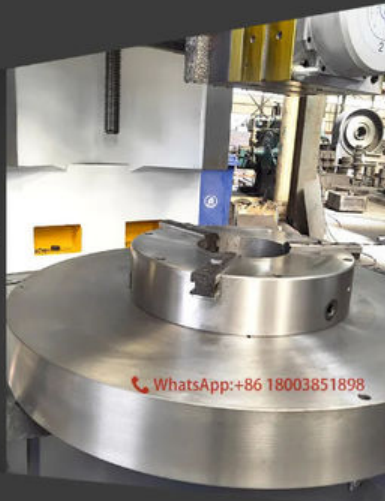
Whatsapp: +86 18003851898  
Email: dora@bsmachinery.com

## Product Details Display

01

### WORKTABLE

Worktable has high rotation precision and large load capacity.



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03

### COLUMN/ CROSS BEAM

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



02

### ELECTRIC TOOL POST

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



04

### CONTROL SYSTEM

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



WhatsApp: +86 18003851898



Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

No.65, Tianming Road, Jinshui District, Zhengzhou City, Henan Province, China