

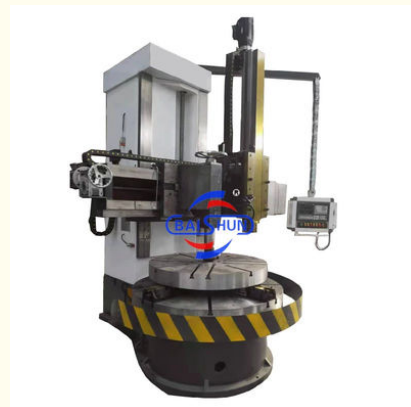


## Gantry CNC Vertical Lathe Machine 1600mm Workpiece 30kW Spindle

### Our Product Introduction

#### 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: 1. Outside we will pack the product with plastic to prevent wet. 2. Outside of the cnc vertical lathe machine will be packed by strong wooden pallet.
- 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
- Spindle Bore(mm): 130
- Width Of Bed (mm): 250 Mm
- Spindle Motor Power(kW): 30
- No. Of Spindles: Single
- Max. Turned Length (mm): 1600
- Number Of Axes: 2
- Travel (X Axis)(mm): 800 Mm
- Travel (Z Axis)(mm): 916 Mm
- Positioning Accuracy (mm):  $\pm 0.005$
- Repeatability (X/Y/Z) (mm):  $\pm 0.004$
- Dimension(L\*W\*H): 2660\*2665 \*3528mm



#### More Images



## Product Description

### Gantry Cnc Products Brass Machining Lathe Turning Brass Pool Cue Lathe Machine

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.

Single column vertical lathe, configuration of advanced and reliable mechanical and electrical components, structure performance is outstanding, strong rigidity, machine tool can meet the strong cutting, worktable can carry large tonnage load, good stability, high efficiency, safe and reliable.

Vertical lathe belongs to large mechanical equipment, which is used to process large and heavy work pieces with large radial size, relatively small axial size and complex shape. Such as cylindrical surface, end face, conical surface, cylindrical hole, conical hole, etc.

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.

#### Key Features:

The table utilizes a high precision thrust ball rolling guideway and a slide guideway with a diameter of 1.6 meters.

The column cross rail is made of high-strength and highly wear-resistant Grey cast iron.

The guideway pairs in both the horizontal and vertical directions are made of wear-resistant Grey cast iron.

The rail guideway surface of the ram and side head undergo middle frequency hardening and rolling grind finish machining.

The bottom station features a new type of black chromium plane.

The rail head is equipped with a lead screw for horizontal and vertical transmission.

The pentagonal turret pinion plate ensures high strength and rigidity in index positioning.

Cross lubrication is provided with oil through a hand pump.

#### 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

#### Vertical Lathe MachineFeature:

The table adopt high precision thrust ball rolling guideway and slide guideway in 1.6 metre of diameter.

The column cross rail adopt high strengthen and high wear-resistance Grey cast iron.

Fiction pairs of guideway in horizontal and vertical direction adopt wear-resistance grey cast iron.

Ram guideway surface of rail, side head adopt middle frequency harden rolling grind finish machining.

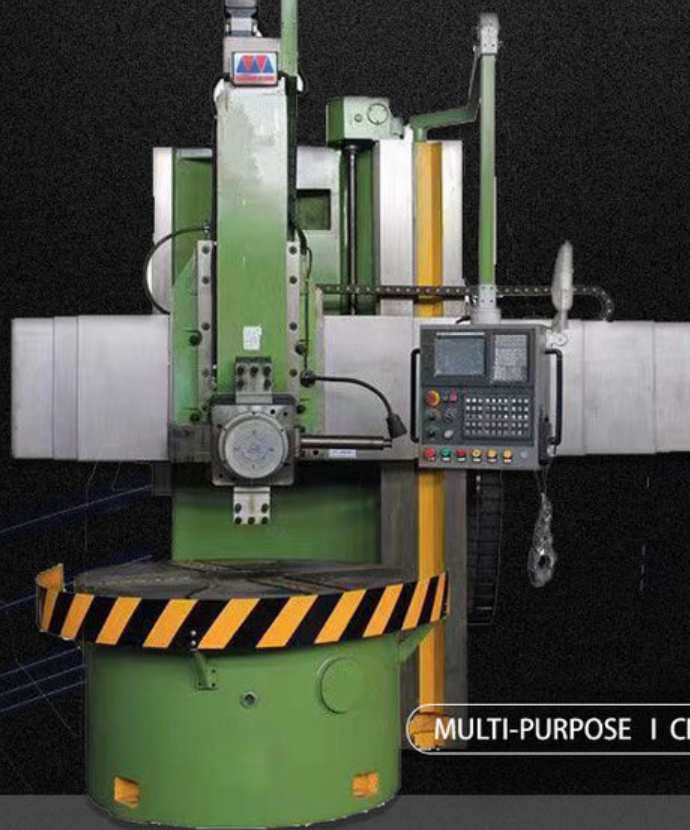
Black chromium plane of new type for botton siation.

The rail head is designed with lead screw for horizontal and vertical transmission.

Pentagonal turret pinion plate index positioning with high strengthen and rigidity.

Lubrication of cross is supplied with oil by hand pump.

# HIGH EFFICIENCY CK5116 CNC VERTICAL LATHE



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MULTI-PURPOSE | CNC LATHE

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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

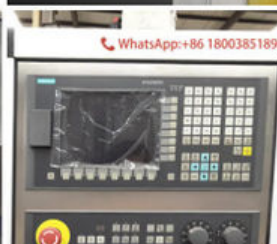
High frequency column and beamguide, hardness HRC-55 degree.



04

### CONTROL SYSTEM

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



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## Our Services

We can provide 7x24-hour online pre-sale service, engineer follow-up order service, and logistics delivery operation service. And also we can provide installation services. In addition, with more than 10 years experience of various markets, we can help customers successfully complete a series of services from purchasing to goods Customs clearance, thereby saving times and also reducing customers' costs in all aspects.

### Our advantage:

- 1: With CE, ISO certification.
- 2: Full production tracking.
- 3: Professional engineers can guarantee the highest quality.
- 4: More suppliers as alternatives, guarantee your lowest and competitive price.
- 5: Sales staff with more than 10 years experience, will answer your pre-sales and after-sales questions.
- 6: OEM production is available, to meet customer needs
7. Low MOQ (1 unit) is available.
8. 24 hours technical support.



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