



## CK5120 High Precision CNC Vertical Lathe for Metal Parts

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Baishun
- Certification: ISO
- Model Number: CK5120
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 55 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 40 Set/Sets per month



#### Product Specification

- Product Name: Metal Turning CNC Vertical Lathe Machine
- Type: VERTICAL
- Control System: SIEMENS GSK FANUC (optional)
- Product Type: Universal Lathe Machine
- Usage: Metal Parts Machining
- Precision: High Precision
- Turret Type: Electric Turret
- Color: Custom-made
- Warranty: 1 Year
- Highlight: CK5120 CNC Vertical Lathe Machine



#### More Images



## Product Description

### CK5120 Single Column CNC Metal Turning CNC Vertical Lathe Machine

#### Product application and features:

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.

1. It is mostly used to process middle-diameter tire mould and flanges, various valves and pipelines, pressure vessels, screw propeller, steamer machine accessories, plastic mould, shafts and other work-piece.
2. It is suitable for processing the internal/external cylindrical surface, conical surface, end face etc
3. Spindle bearings use domestic famous-brand company products.
4. Headstock takes symmetrical structure to make thermal deformation be even, avoiding the spindle center generates offsets.
5. Gears in headstock and guide way are processed by quenching to ensure accurate transmission and high rigidity.
6. Vertical lathe table inlaid with zinc alloy wear-resistant guide guard and can access pressure oil (0.2-0.4MPa) between the rails for improving load-carrying ability of workbench.
7. Vertical lathe casting has passed through strict artificially aged and vibration aging in order to make sure the rigidity and stability of lathe.

#### Main technical data (2 Meter Vertical Lathe Machine):

Model	CK518	CK5112 Q	CK5112 A	CK5116 Q	CK5116 A	CK5120 A	CK5126 A
Max. turning diameter of vertical tool rest (mm)	800	1200	1200	1600	1600	2000	2600
Working table diameter (mm)	700	1000	1000	1400	1400	1800	2200
Max. height of work-piece (mm)	800	1000	1000	1200	1200	1250	1400
Max. weight of work-piece (kg)	1500	1500	3200	3200	5000	8000	8000
Range of worktable rotation speed (rpm)	30-260	20-180	6.3-200	15-160	5-160	3.2-100	2.2-70
Feeding series	Stepless	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	0.8-86
Cross beam travel (mm)	500	1000	650	1200	650	890	1090
Horizontal travel of tool rest (mm)	500	700	700	900	916	1115	1400
Vertical travel of tool rest (mm)	450	500	650	750	800	800	800
Size of section of cutter bar (mm)	30*40	30*40	30*40	30*40	30*40	30*40	30*40
Main motor power (kw)	11	15	22	15	30	30	30

#### Machine pictures for your reference:



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