



## CK5116 Single Column CNC Vertical Lathe Machine Metal Tool Equipment

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Baishun
- Certification: ISO
- Model Number: CK5116
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 45 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 40 Set/Sets per Quarter Vertical Lathe Machine Tool



#### Product Specification

- Product Name: Single Column CNC Vertical Lathe Machine
- Type: VERTICAL
- Warranty: 1 Year
- Control System: SIEMENS GSK FANUC (optional)
- Product Type: Universal Lathe Machine
- Precision: High Precision
- Turret Type: Electric Turret
- Keyword: Vertical Lathe Machine
- Highlight: CK5116 Vertical Lathe Machine



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#### More Images



## Product Description

### CK5116 Single Column CNC Vertical Lathe Machine Metal Tool Equipment

#### A. Product application and features:

CNC Vertical lathe is a kind of large mechanical equipment, which is used to process large and heavy work pieces with large radial size and relatively small axial size and complex shape. Such as a cylindrical surface, an end surface, a conical surface, a cylindrical hole, a conical hole and the like of various discs, wheels and sleeve work pieces, and can also be processed by means of additional devices such as running threads, spherical surface turning, imitating machining, grinding and the like; compared with a horizontal lathe, the work pieces are clamped in the clamping decoration of the horizontal lathe, while the main shaft axis of a vertical lathe is in a vertical layout, and the table surface of a worktable is in a horizontal plane; Therefore, the clamping and alignment of the work piece are more convenient. This arrangement reduces the load on the spindle and bearings, so the vertical lathe can maintain its working accuracy for a long time.

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 inlays 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.

#### B. Main technical data (Vertical Lathe Machine Tool):

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

# HIGH EFFICIENCY CK5116 CNC VERTICAL LATHE



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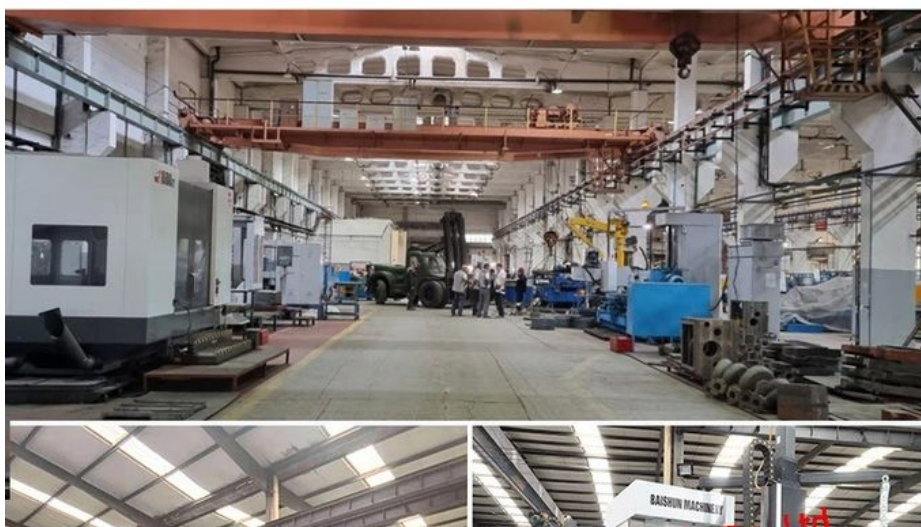
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