



## Big Travel Cnc Single Columns Vertical Turret Lathe Machine

Our Product Introduction

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### Basic Information

- Place of Origin: Henan, China
- Brand Name: 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: 45 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20 Set/Sets per Month



### Product Specification

- Product Name: Competitive Prices Big Travel Cnc Single Columns Vertical Turret Lathe Machine
- Machine Type: CK5116
- Max. Turning Diameter(mm): 1600
- Max. Height Of Workpiece(mm): 1200
- Worktable Size(mm): 1400
- Max.weight Of Workpiece: 3.2tons
- No. Of Spindles: Single
- Voltage: 380V
- Key Words: Vertical Turning Center
- Function: Metal Turning
- Highlight: Single Columns CNC Vertical Lathe Machine, CNC Vertical Lathe Machine, Big Travel CNC Vertical Lathe Machine



### More Images



## Product Description

### Competitive Prices Big Travel Cnc Single Columns Vertical Turret Lathe Machine

CNC single column vertical lathe is suitable to process ferrous metal, nonferrous metals and partial non-metallic material, and could achieve the processing of turning of the end face, inside and outside cylindrical surface, inside and outside circular conical surface and drilling, expanding, reaming of hole. Main transmission is driven by the spindle AC servo motor, hydraulic gear change and two gears stepless speed regulation. Worktable is manual 4-jaw single movement chuck.



#### Key Features:

- 1). Primarily employed in the machining of mid-sized tire molds, flange components, assorted valve types, piping systems, pressure containment vessels, marine screw propellers, steam engine parts, plastic injection molds, shafts, and a diverse array of workpieces.
- 2). Adept at handling internal and external cylindrical surfaces, tapered sections, and end faces among others.
- 3). The machine employs spindle bearings sourced from renowned domestic manufacturers, ensuring reliability and performance.
- 4). A symmetrical headstock design is implemented to evenly distribute thermal expansion, thereby preventing any displacement of the spindle's central axis.
- 5). Headstock gears and guideways undergo precision quenching processes to guarantee precise motion transmission and enhanced structural rigidity.
- 6). The vertical lathe incorporates a table embedded with a zinc alloy wear-resistant guide protector, facilitating pressure oil (ranging from 0.2 to 0.4MPa) lubrication between rails to bolster the workbench's load-bearing capacity.
- 7). Castings for the vertical lathe undergo rigorous artificial aging and vibration aging treatments, reinforcing the machine's rigidity and stability. Backed by advanced manufacturing facilities, a robust technical team, meticulous inspection protocols, and an unwavering commitment to management excellence, Baishun Machinery has achieved ISO9001:2008 Quality Management System Certification.

#### 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

#### Detail Machine Photo:



**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.

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#### Shipping and Delivering:





# DELIVERING

Packing and transportation before export



We are a direct-sale lathe machine manufacturer, not a trading company,  
which means we can offer you the best prices.

**Welcome get in touch with us:)**  
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