



## High Speed Lathe Machine Metal Turning Cnc Heavy Duty Machine VTL Vertical Lathe

### 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 (mm): 1600
- 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

### Product Description

#### High Speed Lathe Machine Metal Turning Cnc Heavy Duty Machine VTL Vertical Lathe

Vertical lathe is suitable for the industries of mechanical processing, can be used for inside and outside the cylinder, cone surface and face, cutting, cutting, etc. Of coarse and fine turning processing. Workbench using hydro static guideway, main shaft adopt high precision NN30 type (D) double row cylindrical roller bearing, thus workbench large carrying capacity, high rotary precision. Machine tool electric using domestic brand-name products, high reliability. Machine is made of high qualified epc process, high quality, the annealing aging treatment, appearance beautiful, durable, good agreeableness, convenient operation and maintenance. High cost performance; hanging button station, electric cabinet and bed integrated design; quenched beam, quenched T-shaped ram (five-hole turret); beam closed protection, automatic lubrication of all lubrication parts. With constant line speed turning and threading.

#### 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 Machine Feature:

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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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.



## Our Services

We can provides 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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