



CNC Vertical Lathe 2600mm Workpiece Heavy Duty Metal Cutting

Our Product Introduction

for more products please visit us on lathemach.com

Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Model Number: CK5116
- Price: \$26,000.00/sets 1-1 sets
- 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.
- Supply Ability: 20 Set/Sets per Month



Product Specification

- Max. Length Of Workpiece 2600 (mm):
- Max. Spindle Speed (r.p.m):260 R.p.m
- Spindle Bore(mm): 105
- Width Of Bed (mm): 250 Mm
- Spindle Motor Power(kW): 30
- No. Of Spindles: Single
- Number Of Axes: 2
- Travel (X Axis)(mm): 916 Mm
- Travel (Z Axis)(mm): 800 Mm
- Positioning Accuracy (mm): ± 0.005
- Repeatability (X/Y/Z) (mm): ± 0.003
- Dimension(L*W*H): 2080*2621 *3515mm
- Weight (KG): 7000
- Max. Height Of Work Piece: 1200mm



More Images



Product Description

High Speed Professional Metal CNC Vertical Lathe Economical Turret Lathe

Product Description

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.

CNC vertical lathe has a vertical spindle that holds and rotates the workpiece. They are widely used in the manufacturing industry for producing large and heavy components, such as gears, turbines, and aerospace parts. They are particularly useful for turning components with a high aspect ratio.

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.

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 Main Structure:

1. Machine tool: The main components of the machine tool (lathe bed, base, workbench, beam, vertical slide rest, side tool box, feed box, main drive gear box) are made of strong cast iron using resin sand technology.
2. Main drive: The workbench rotation is powered by the main electric motor, with a gear reduction and an electromagnetic speed control system for adjusting the speed.
3. Vertical slide and feed mechanism of the vertical slide: The RAM is made of HT250 material, known for its excellent mechanical properties.
4. Workbench base structure: The workbench adopts a long spindle structure, supported by high-precision double row cylindrical roller bearings for radial alignment.
5. Beam: The beam is secured and released using a drift, with hydraulic pressure for clamping.
6. Hydraulic system: The hydraulic system uses reliable control components from renowned manufacturers, both domestic and international.
7. Lubrication of the machine tool: The machine tool automatically provides oil at specified intervals to lubricate the beam and moving parts.
8. Machine tool protection: The machine tool's moving parts are equipped with a comprehensive security chain and interlock system.
9. Electrical control system:
 - a) Power source: Three-phase current of 380V±10%, 50Hz.
 - b) The electrical design of the machine tool follows international design standards.

HIGH EFFICIENCY CK5116 CNC VERTICAL LATHE



IT'S TIME TO
GET YOUR MACHINE

MULTI-PURPOSE | CNC LATHE

High Quality /PRODUCT⁺

Factory Diresct /SELLING⁺

Whatsapp: +86 18003851898
Email: dora@bsmachinery.com

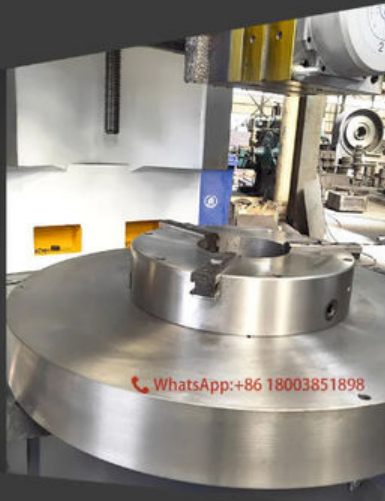


Product Details Display

01

WORKTABLE

Worktable has high rotation precision and large load capacity.



WhatsApp: +86 18003851898

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.





Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

No.65, Tianming Road, Jinshui District, Zhengzhou City, Henan Province, China