



CNC Wheel Cutting Vertical Lathe Machine 15kW Single Spindle

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY, BAISHUN MACHINERY
- Certification: ISO
- Model Number: CK5112
- 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: 50 Set/Sets per Month



Product Specification

- Product Name(mm): CNC Wheel Cutting Vertical Lathe Machine
- Machining Capacity: Medium Duty
- Spindle Motor Power(kW): 15
- No. Of Spindles: Single
- Max. Turned Length (mm): 1200
- Positioning Accuracy (mm): ± 0.005
- Repeatability (X/Y/Z) (mm): ± 0.005
- Voltage: 380V
- Product Name: CNC Wheel Cutting Lathe Machine
- Highlight: **Automatically Vertical Lathe Machine**



More Images



Product Description

Product Description

Vertical Turning Lathe Automatically CNC Wheel Cutting Lathe Machine

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.

Our hot selling CNC Vertical Turning Lathe is perfect for processing ferrous metals, nonferrous metals, and some non-metallic materials. It can handle tasks such as turning end faces, inner and outer cylindrical surfaces, inner and outer circular conical surfaces, as well as hole drilling, expanding, and reaming. The main transmission is driven by an AC servo motor, and the machine offers hydraulic gear shifting and stepless speed regulation with two gears. The worktable is equipped with a manual 4-jaw single movement chuck for easy operation.

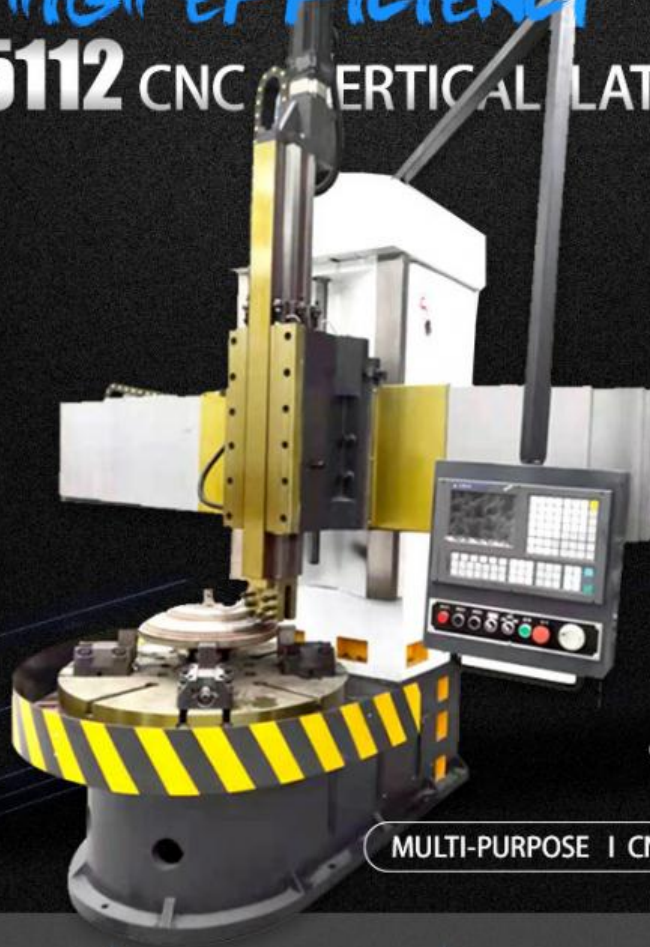
Key Features:

1. Our CNC vertical lathe is equipped with the Siemens 828DD system, ensuring precise control. It features a vertical tool post, allowing for a maximum machining diameter of 1600mm, a table diameter of 1400mm, and a maximum machining height of 1000mm.
2. The transmission device adopts a four-speed continuous transmission, providing convenience, sensitivity, and reliability.
3. All gears in the system are made of 40Cr grinding gears, guaranteeing high rotation accuracy and minimal noise.
4. This machine is suitable for processing non-ferrous metals, black metals, and non-metallic materials using high-speed steel tools and carbide cutting tools. It can perform various operations, including turning inner and outer cylindrical surfaces, cutting different types of faces (such as hooks), inner and outer conical surfaces, threading, as well as slotting and cutting.

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 |

HIGH EFFICIENCY CK5112 CNC VERTICAL 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.



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