



CNC Single Column Turret Vertical Lathe Machine CK5112

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY, BAISHUN
- Certification: CE ISO9001
- Model Number: CK5112
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 30-35 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20 Set/Sets per Month



Product Specification

- Width Of Bed (mm): 250 Mm
- No. Of Spindles: Single
- Max. Turned Length (mm): 1200
- Travel (X Axis)(mm): 500 Mm
- Travel (Z Axis)(mm): 700 Mm
- Dimension(L*W*H): 2350*2350 *2700mm
- Weight (KG): 85000
- Product Name: CNC Single Column Turret Vertical Lathe Machine
- Highlight: Certification Vertical Lathe Machine, CK5112 Vertical Lathe Machine, CNC Vertical Lathe Machine



More Images



Product Description

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.

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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.

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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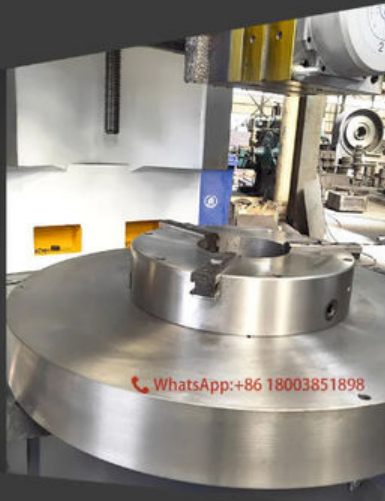


Product Details Display

01

WORKTABLE

Worktable has high rotation precision and large load capacity.



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02

ELECTRIC TOOL POST

Clients can choose 4,5,6 station electric tool post.



03

COLUMN/ CROSS BEAM

High frequency column and beamguide, hardness HRC-55 degree.



04

CONTROL SYSTEM

Standard with GSK980TDi control
Optional: Siemens, Fanuc, Syntec ect.



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