



CNC Vertical Lathe CK5240 4000mm Turning Diameter 2-Axis

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE ISO
- Model Number: CK5225
- 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

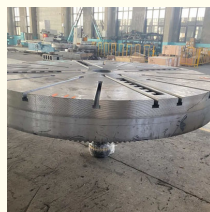


Product Specification

- Max. Length Of Workpiece (mm): 2500
- Max. Spindle Speed (r.p.m): 260 R.p.m
- Machining Capacity: Medium Duty
- 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): 1400 Mm
- Travel (Z Axis) (mm): 1000 Mm
- Dimension (L*W*H): 3700*5650*3950mm
- Tool Post Stations: 4
- Weight (KG): 33000
- Product Name: Metal Turning Diameter 4000mm Machining Lathe Center



More Images



Product Description

Two Column CNC Vertical Lathe CK5240 Metal Turning Diameter 4000mm Lathe Machine

Double column vertical lathe is an advanced equipment with the integration of mechanical-electrical-hydraulic, which absorbing the new design philosophy and manufacturing technology. It adopts the CAD optimization design way, equips advanced functional components at home and abroad. In structure, it achieves strong strength, high dynamic and static stiffness, high precision, heavy loading, high efficiency, long service life, safe and reliable movement. Main technical specifications of each machine parts conform to the national related standards. Machine has worktable base, worktable, main transmission box, gantry frame, beam, ram tool rest, feeding box, electrical system, operation station, hydraulic system, protection device and so on.

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.

To ensure accuracy and load-bearing capabilities, the double column vertical lathe adopts a short spindle structure. The spindle centering bearing utilizes high-precision double row roller bearings. The worktable is equipped with a constant flow hydrostatic guideway, which supplies pressure oil to the static pressure oil cavity through an equivalent oil distributor. This design enhances both radial and axial precision of the worktable.

Our Product Introduction

The main movement of the machine is driven by an AC servo motor, providing excellent dynamic characteristics. The worktable also has strong instantaneous overload capacity. The feeding axis movement is achieved through a servo motor driving a high-precision ball screw structure via a reduction box, ensuring accurate positioning.

Machine parameter

Specifications	Unit	CK5225	CK5231	CK5240Q	CK5240
Max.turning diameter	mm	2500	3150	4000	4000
Max. height of work piece	mm	1600/2000/2500	1600/2000/2500	1600/2000/2500	1600/2000/2500
Max. weight of work piece	T	10/20	10/20	10/20	32
Worktable diameter	mm	2250	2830	2830/3150	3200/3600
Range of table speeds	r/min	2-63	2-63	2-63	2-63
Steps		16	16	16	16
Max torque of work table	KN.m	63	63	63	100
Rapid traverse of rail head	mm/min	4000	4000	4000	4000
Ram vertical travel of right railhead	Kn	35	35	35	40
Ram vertical travel of left railhead	kn	30	30	30	30
Range cutting force of right railhead	mm/min	1-50	1-50	1-50	1-50
Range cutting force of right railhead	mm/min	0.1-1000	0.1-1000	0.1-1000	0.1-1000
Travel of arm	mm	1000	1000	1000	1250
Section of arm	mm	255×200	255×200	255×200	240×240
Swivel of left and right railhead	°	±30°	±30°	±30°	±30°
Section of tool	mm	40×50	40×50	40×50	50×50
Power of main motor	Kw	55	55	55	75
Overall dimensions	cm	569×470×480/520	605×440×493/533	690×510×480/520	690×510×480/520

Product photos

BAISHUN

VERTICAL LATHE CK5240

High efficiency | Automatic | Reliable | High precision

BAISHUN MACHINERY

CK5240

CE ISO

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Product Details Display

01

COMFORT
VENTILATION

WORKTABLE

Worktable has high rotation precision and large load capacity.



02

COMFORT
VENTILATION

ELECTRIC TOOL POST

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



03

COMFORT
VENTILATION

COLUMN/ CROSS BEAM

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



04

COMFORT
VENTILATION

CONTROL SYSTEM





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