Heavy Duty CNC Vertical Lathe 3500mm Turning Diameter

Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE ISO
- Model Number: CK5235
- Price: $76,000.00/sets 1-4 sets
- Packaging Details: 1. Outside we will pack the product with plasitic 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
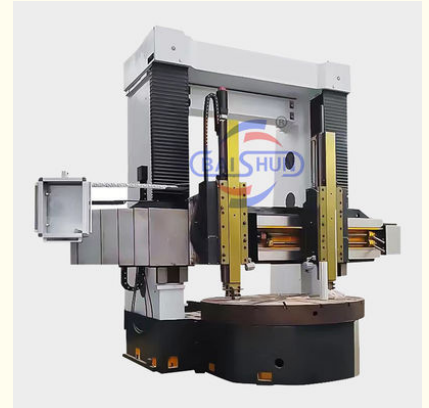
Product Specification

- Max. Length Of Workpiece (mm):   2500
- Max. Spindle Speed (r.p.m):   90 R.p.m
- Machining Capacity: Medium Duty
- Spindle Bore(mm):   105
- Width Of Bed (mm):   250 Mm
- Spindle Motor Power(kW):   55
- No. Of Spindles: Twin
- Number Of Axes: 2
- Travel (X Axis)(mm):   1900 Mm
- Travel (Z Axis)(mm):   1250 Mm
- Positioning Accuracy (mm):   ±0.005
- Repeatability (X/Y/Z) (mm):   ±0.003
- Dimension(L*W*H):   6150*4400*5330mm
- Voltage: 380V

More Images

Product Description

Manual Lathe Machine 10ton Heavy Duty CNC Cheap Metal Turning Vertical Lathe

The double column vertical lathe is a cutting-edge piece of equipment that combines mechanical, electrical, and hydraulic components. It incorporates modern design principles and manufacturing techniques, leveraging CAD optimization and state-of-the-art components from both domestic and international sources. The machine boasts a robust structure, offering exceptional strength, high static and dynamic stiffness, precise machining capabilities, heavy load capacity, efficiency, durability, and reliable operation. All major technical specifications of the machine parts comply with national standards.

The machine consists of various components, including the worktable base, worktable, main transmission box, gantry frame, beam, ram tool rest, feeding box, electrical system, operation station, hydraulic system, and protection devices.

Gantry frame:
The gantry frame consists of left and right vertical columns and a connecting beam. By tightly sealing the gantry and worktable base, a protective structure is formed. The gantry's upper section features left and right lifting boxes driven by biaxial stretching AC motors. These boxes, along with gear pairs, worm gear pairs, and double lead screws, enable the vertical movement of the beam along the guide rails of the vertical columns.

Beam:
The beam is made of high-strength, low-stress iron casting to ensure optimal rigidity, strength, and long-term stability for precise machining. Positioned at the front of the vertical columns, the beam moves vertically along the guide rail. The back of the beam is equipped with four hydraulic clamping points, while the sides feature feeding boxes for the tool rest.

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

VERTICAL LATHE CK5235

High efficiency | Automatic | Reliable | High precision
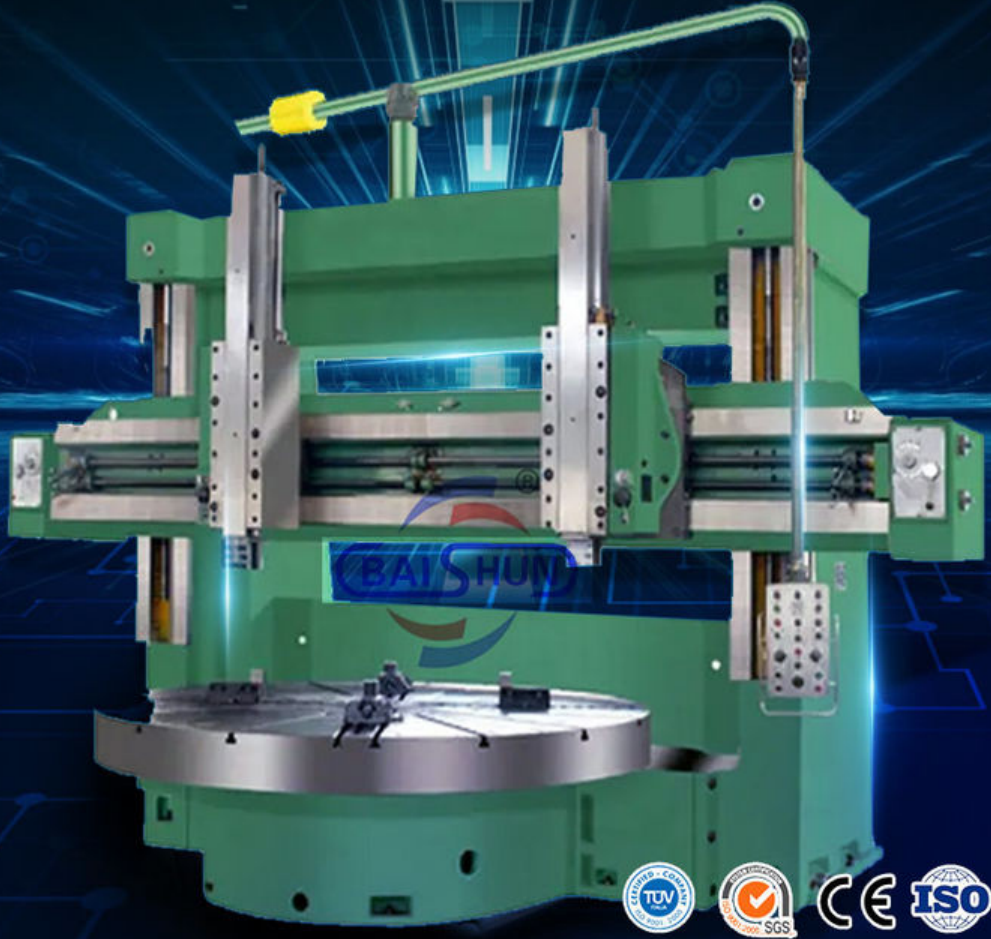
High Quality /PRODUCT | **Factory Diresct /SELLING** | Whatsapp:+86 18003851898
Email:dora@bsmachinery.com

Product Details Display

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WORKTABLE

Worktable has high rotation precision and large load capacity.

ELECTRIC TOOL POST

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

COLUMN/ CROSS BEAM

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

We are a direct-sale lathe machine manufacturer, not a trading company, which means we can offer you the best prices.

Welcome get in touch with us:)
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