



CNC Universal Vertical Turning Lathe Double Column Vertical Lathe Machine CK5235

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY, BAISHUN MACHINERY
- Certification: CE/ISO9001
- Model Number: CK5235
- Price: \$76,000.00/sets 1-4 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

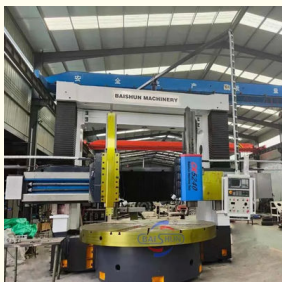


Product Specification

- Max. Length Of Workpiece (mm): 3500
- Max. Spindle Speed (r.p.m): 50 R.p.m
- Machining Capacity: Medium Duty
- Spindle Bore(mm): 130
- Width Of Bed (mm): 250 Mm
- Spindle Motor Power(kW): 30
- No. Of Spindles: Twin
- Max. Turned Length (mm): 3500
- Number Of Axes: 2
- Travel (X Axis)(mm): 750 Mm
- Travel (Z Axis)(mm): 1800 Mm
- Positioning Accuracy (mm): ± 0.005
- Repeatability (X/Y/Z) (mm): ± 0.005
- Dimension(L*W*H): 3950*6300*4350mm



More Images



Product Description

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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.

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

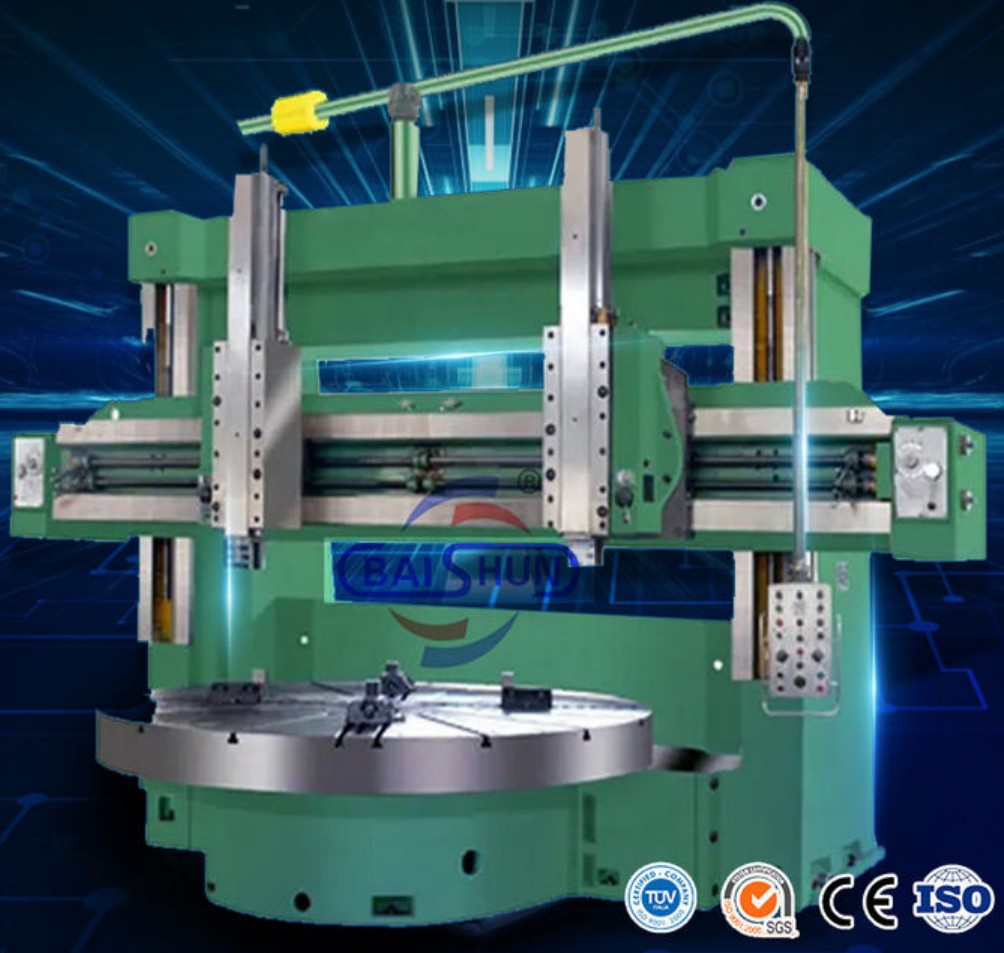
Specifications	Unit	CK5225	CK5231	CK5240Q	CK5240
Max.turning diameter	mm	2500	3150	4000	4000
Max. height of work piece	mm	1600/2000/2500	1600/2000/2500	1600/2000/2500	1600/2000/2500
Max. weight of work piece	T	10/20	10/20	10/20	32
Worktable diameter	mm	2250	2830	2830/3150	3200/3600
Range of table speeds	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

BAISHUN

VERTICAL LATHE CK5235

High efficiency | Automatic | Reliable | High precision



High Quality /PRODUCT

Factory Diresct /SELLING

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Product Details Display

01



COMFORT
VENTILATION

WORKTABLE

Worktable has high rotation precision and large load capacity.

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02

COMFORT
VENTILATION

ELECTRIC TOOL POST

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

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03

COMFORT
VENTILATION

COLUMN/ CROSS BEAM

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





04
COMFORT
VENTILATION

CONTROL SYSTEM

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



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