



Double Column CNC Vertical Lathe with Twin Spindle for Heavy Duty Machining and 3500mm Max. Turned Length

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE/ISO9001
- Model Number: CK5235
- 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

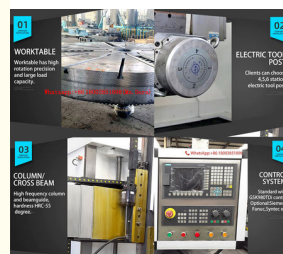


Product Specification

- Max Workpiece Length: 3500 Mm
- Max Spindle Speed: 50 R.p.m
- Spindle Bore: 130 Mm
- Spindle Motor Power: 30 KW
- Positioning Accuracy: ± 0.005 Mm
- Weight: 35000 Kg



More Images



Product Description

Double Column CNC Vertical Lathe Large Diameter Turning Machine Twin Spindle

Product Overview

Our CNC vertical lathe machine is specially designed for heavy duty metal turning and large diameter workpieces. It is widely used in machining flanges, bearing rings, valves, and other industrial components. With a rigid double column structure and advanced CNC system, the machine ensures high precision, stability, and efficiency.

The double column vertical lathe represents advanced equipment integrating mechanical-electrical-hydraulic systems, incorporating modern design philosophy and manufacturing technology. Utilizing CAD optimization design and equipped with advanced functional components, it achieves exceptional strength, high dynamic and static stiffness, precision, heavy loading capacity, efficiency, long service life, and safe, reliable operation.

Machine Structure & Components

- Worktable base and worktable assembly
- Main transmission box
- Gantry frame and beam structure
- Ram tool rest system
- Feeding box mechanism
- Advanced electrical control system
- Operator station interface
- Hydraulic system components
- Comprehensive protection devices

Key Components

Worktable System

The worktable consists of the worktable base, worktable, spindle components, and transmission device. Manufactured from high-strength low-stress cast iron, it ensures sufficient rigidity, strength, and thermal stability. The worktable spindle bearing utilizes high-precision double row short cylindrical roller bearings, guaranteeing precise rotation and extended operational life.

Main Transmission

The machine employs a vertical shaft transmission system as its primary drivetrain. Powered by an AC servo motor driving the spindle, the gearbox enables mechanical two-gear transformations through cylinder shifting, allowing the worktable to achieve stepless speed regulation within the range of 0.63-63r/min.

Technical Specifications

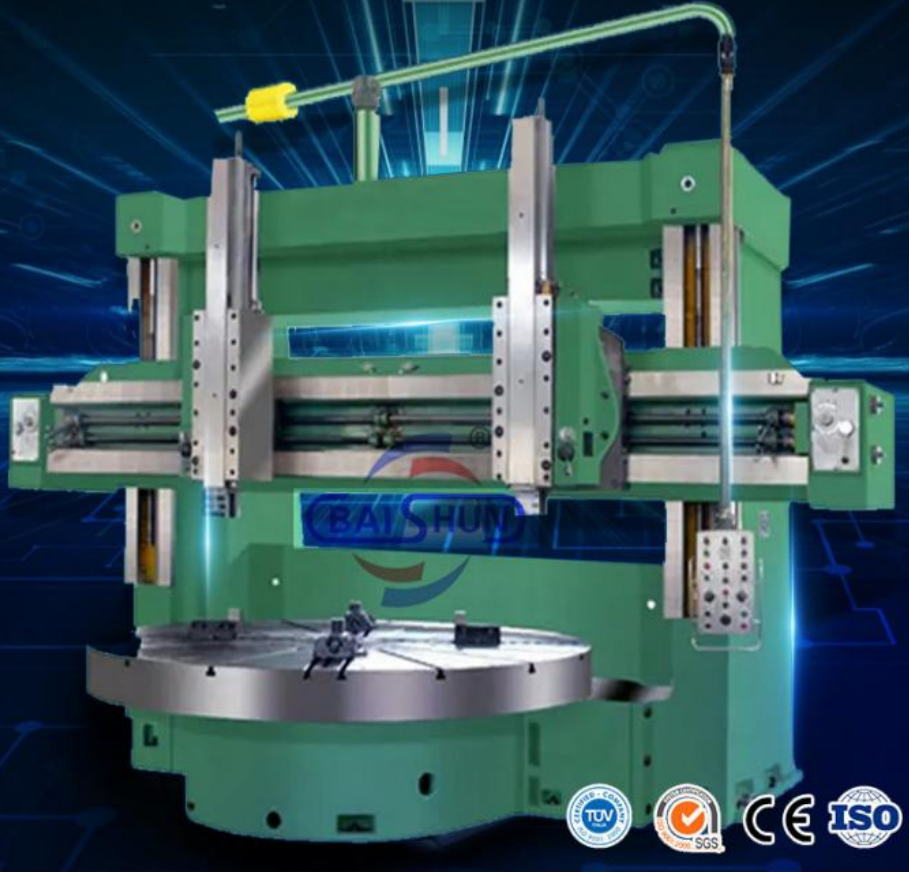
Specifications	Unit	CK5225	CK5231	CK5240Q	CK5240
Max. turning diameter	mm	2500	3150	4000	4000
Max. height of work piece	mm	1600/2000/2500	1600/2000/2500	1600/2000/2500	1600/2000/2500
Max. weight of work piece	T	10/20	10/20	10/20	32
Worktable diameter	mm	2250	2830	2830/3150	3200/3600
Range of table speeds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

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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



04
COMFORT
VENTILATION

CONTROL SYSTEM

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



Ms.Dora

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