



C5225 Spindle Vertical Lathe Machine Conventional Manual Type Double Column

Our Product Introduction

Basic Information

- Place of Origin: Henan, China
- Brand Name: Baishun
- Certification: ISO
- Model Number: C5225
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 70 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 30 Set/Sets per Month



Product Specification

- Name: Double Column Vertical Lathe Machine
- Max. Turning Diameter: 2500mm
- Type: VERTICAL
- Condition: New
- Voltage: 380V/50HZ
- Weight (KG): 55 KG
- Warranty: 1 Year
- Machinery Test Report: Available
- Highlight: C5225, vertical spindle lathe machine, C5225



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Product Description

Conventional Manual Type C5225 Double Column Vertical Lathe Machine

The vertical lathe machine is designed for turning both inside and outside cylinders and planes, cone surfaces, and grooving. It is suitable for high-speed steel tools working on ferrous metals, nonferrous metals, and some non-metallic materials.

- 1.This versatile machine is suitable for mechanical processing across various industries. It can be used for rough and finish machining of inside and outside cylinders, cone surfaces, end faces, grooving, cutting, and internal hole boring.
- 2.The main components of the equipment are made using a whole casting structure with high-strength, low-stress cast iron material. After casting, it undergoes annealing and aging treatment after rough machining.
- 3.The column guide rail is ground to ensure precision, while the beam guide and ram guide undergo grinding after intermediate frequency quenching.
- 4.The vertical tool-post is equipped with a five-station tool-post and utilizes high-precision rat-gear disk positioning. The tool-posts employ hydraulic balancing, with horizontal and vertical feeds using sliding screw drives. The tool-post is powered by a 3-ph AC motor, featuring a sliding guide rail type guideway with a high-strength PTFE soft belt for smooth operation.
- 5.The hydraulic system is equipped with German traffic transmission devices to ensure stable oil flow for the worktable lubrication.
- 6.The machine is controlled by a PLC system for high reliability, with electrical wiring tailored to the specific process requirements.

Machine Specification:

Item	C5225	C5232	C5235	C5240	C5250	C5260
Work table diameter	2250 mm	2830mm	2830mm	3150mm	4500mm	5200mm
Max. turning diameter	2500mm	3200mm	3200mm	4000mm	5000mm	6000mm
Max. height of work piece(mm)	1600-2800	1600-3000	1600-3000	1600-3200	2500-4200	2500-4500
Max. weight of work piece	10/20	10/20/32	10/20/32	10/20/32	32/50	32/50
Max. torque of worktable	63000 N•m	63000 N•m	63000 N•m	63000 N•m	105000N•m	105000N•m
Rest feeding range	0.25-90 mm/min	0.25-90 mm/min	0.25-90 mm/min	0.25-90 mm/min	0.1-1000 mm/min	0.1-000 mm/min
Beam travel	1250mm	1250mm	1250mm	1250mm	2150mm	2150mm
Horizontal Travel of tool rest	1400mm	1750mm	1900mm	2150mm	2700mm	3300mm
Vertical Travel of tool rest	1000/1250/ 1400/1600	1000/1250/ 1400/1600	1000/1250/ 1400/1600	1000/1250/ 1400/1600	1400/1600	1400/1600
Beam moving speed(mm/min)	350	350	350	350	380	380
Max. Swing angle of tool post	±30°	±30°	±30°	±30°	±30°	±30°
Turret dimension(WxHmm)	40x50	40x50	40x50	40x50	60x65	60x65
Main motor power	55kw	55kw	55kw	55/75kw	75kw	75kw
Machine Weight(around)	33-38T	36-50T	38-62T	43-65T	92-105T	150-200T

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Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

No.65, Tianming Road, Jinshui District, Zhengzhou City, Henan Province, China