



Conventional Vertical Lathe Single Column Vtl Heavy Duty Vertical Lathe Turning

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: C5120
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 40 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Sets per Month



Product Specification

- Name: Conventional Vertical Lathe Single Column Vtl Heavy Duty Vertical Lathe Turning
- Machining Capacity: Medium Duty
- Max. Turned Length (mm): 2000 Mm
- Weight (KG): 1400mm
- Max.load Capacity: 8tons
- Type: Vertical Type
- Automatic: Manual Type
- Spindle Motor Power(kW): 30
- Voltage: 380V
- Warranty: 1 Year
- Highlight: Conventional Vertical Lathe Turning, Single Column Vertical Lathe Turning, Heavy Duty Vertical Lathe Turning



More Images



Product Description

Conventional Vertical Lathe Single Column Vtl Heavy Duty Vertical Lathe Turning

Description:

The vertical lathes 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 because the vertical orientation minimizes the effects of gravity on the workpiece, reducing the risk of deflection and distortion.

The vertical lathe is ideally suited for the mechanical processing sector, capable of handling tasks such as internal and external cylinder machining, conical surface work, and face cutting.

This machine series is versatile, catering to various industrial parts manufacturing needs. It facilitates operations like cylindrical turning, boring, tapering, surfacing, and grooving, both in roughing and finishing stages.

Equipped with a high-precision thrust ball bearing table, it ensures smooth operation. The machine also incorporates a rolling guideway (or slipping guideway), enhancing its performance. The spindle radial utilizes an NN30 type double-row cylindrical roller bearing, boosting rotational accuracy and load capacity. A pentagonal turret is fitted on the rail head, while a square turret adorns the side head, both featuring hydraulic balancing. Horizontal and vertical movements are driven by rolling lead screw bearings, ensuring precise control.

Specification:

Model	C518	C5112	C5116	C5120	C5125
Max.turning dia.(mm)	800	1200	1600	2000	2500
Max.cutting height(mm)	800	1000	1000	1250	1250
Max.loading weight(tons)	1.2	3.2	5	8	10
Worktable diameter(mm)	720	1000	1400	1800	2250
Worktable speed range(r/min)	30-260	6.3-200	5-160	3.2-100	2-63
Max worktable torque(n.m)	1000	25000	32000	32000	35000
vertical travel of vertical tool post(mm)	650	650	800	800	1200
horizontal travel of vertical post(mm)	570	700	915	1200	1400
G.W(tons)	7	8	12.4	17	23
Dimension(L*W*Hmm)	2080*2621*3515	2360*2280*2800	2830*2670*3010	3200*2800*3250	3300*4000*3500

Vertical Lathe Machine Main Structure:

High quality castings and domestic dafang matching castings (HT300), artificial heat aging treatment. Castings do not do weight reduction treatment, the machine weight and standard weight.

Standard equipped with 2-axis digital display.

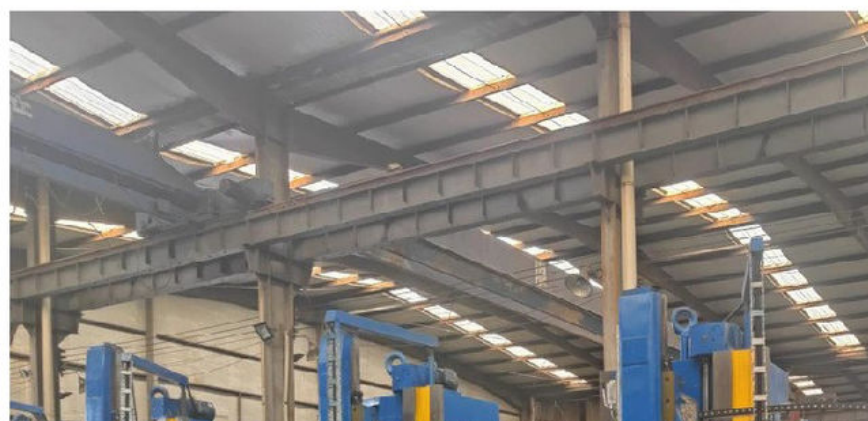
The beam guide and ram guide are treated by super audio quenching (HRC≥50), and the sliding surface of guide is treated with plastic (including inclined iron surface and pressing plate surface), so that the product precision can be maintained for a long time and the overhaul cycle can be extended for more than 10 years at least.

The electric adopts Japan omron PLC control, the electrical parts adopt high quality components, standard (CE standard) wiring process, the whole electric machine has high reliability.

Machine picture:









Company profile:

□

Packing&delivery

□

Our Services

Our Services

We can provide 7x24-hour online pre-sale service, engineer follow-up order service, and logistics delivery operation service. And also we can provide installation services. In addition, with more than 10 years experience of various markets, we can help customers successfully complete a series of services from purchasing to goods Customs clearance, thereby saving times and also reducing customers' costs in all aspects.

Our advantage:

- 1: With CE, ISO certification.
- 2: Full production tracking.
- 3: Professional engineers can guarantee the highest quality.
- 4: More suppliers as alternatives, guarantee your lowest and competitive price.

- 5: Sales staff with more than 10 years experience, will answer your pre-sales and after-sales questions.
- 6: OEM production is available, to meet customer needs
- 7. Low MOQ (1 unit) is available.
- 8. 24 hours technical support.

Contact

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which means we can offer you the best prices.**

Welcome get in touch with us:)

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