



High Accuracy Conventional Single Column Vertical Lathe Machine Model C5112,C5116,C5120,C5123,C5126

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: C5116
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 35 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Sets per Month



Product Specification

- Name: High Accuracy Conventional Single Column Vertical Lathe Machine Model C5112,C5116,C5120,C5123,C5126
- Machining Capacity: Medium Duty
- Max. Turned Length (mm): 1600 Mm
- Weight (KG): 1200mm
- Max.load Capacity: 3.2tons
- Type: Vertical Type
- Automatic: Manual Type
- Spindle Motor Power(kW): 15kw
- Voltage: 380V
- Warranty: 1 Year
- Highlight: C5112 Vertical Lathe Machine, High Accuracy Vertical Lathe Machine, C5116 Vertical Lathe Machine



More Images



Product Description

High Accuracy Conventional Single Column Vertical Lathe Machine Model C5112,C5116,C5120,C5123,C5126

Description:

The Manual type vertical lathe, also known as a vertical turning center, is a machine tool used for turning and cutting metal components with high precision and efficiency. Compare with conventional lathes, which are typically horizontal and require the workpiece to be mounted on a rotating chuck, a vertical lathe has a vertical spindle that holds and rotates the workpiece. The cutting tool is mounted on a tool turret that moves in multiple axes, allowing for precise and complex machining operations. 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.

Premium castings, along with domestic Dafang-compatible HT300 grade components, undergo artificial heat aging to ensure durability. These castings are not subjected to weight reduction procedures, thereby maintaining the machine's standard heft and robustness.

As a standard feature, the system includes a dual-axis digital readout for enhanced precision control. Both the beam guide and ram guide undergo advanced super audio quenching (achieving HRC≥50 hardness), while their sliding surfaces receive plastic treatment (encompassing inclined iron and pressing plate surfaces). This meticulous finishing preserves product accuracy over extended periods and extends the maintenance interval to a minimum of 10 years. Electrically, the system is managed by a high-performance Japanese Omron PLC, complemented by top-tier electrical components. Adherence to CE standards in wiring practices ensures the entire electrical assembly boasts exceptional reliability.

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

Company profile:

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Packing&delivery

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Our Services

Our Services

We can provides 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 fstaff 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.

Warranty period:

During warranty period (one year), if you have any parts broken because of quility problem,we will supply to you free of charge by express.

Out of warranty period, if you have any question, you can contact us, we will supply our best service to you as usual.

1. Technical support online service provided .
2. Technical files service provided.
3. Machine operation video provided
4. On-site training service provided.
5. Spare parts replacement and repair service provided.
6. All of the questions will be replied within 24 hours

Contact

**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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