



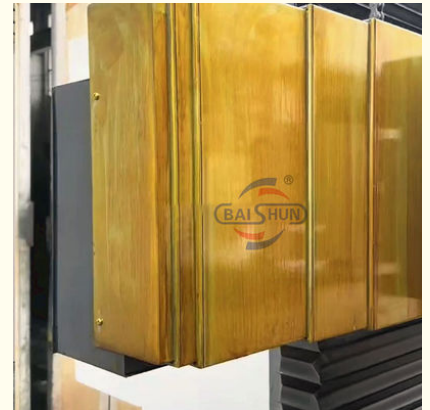
Metal Lathe Big Conventional Lathe Machine Tools Accurate 3-Jaw Chuck Vertical Lathe

Our Product Introduction

for more products please visit us on lathemach.com

Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: C5116
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard package or negotiation with customer
- Delivery Time: 45 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Set/Sets per Month



Product Specification

- Product Name: Metal Lathe Big Conventional Lathe Machine Tools Accurate 3-Jaw Chuck Vertical Lathe
- Model: C5116
- Machining Capacity: Medium Duty
- Brand: Baishun Machinery
- Max. Turned Length (mm): 1600 Mm
- Type: VERTICAL
- Work Table Dia.: 1400mm
- Usage: Metal Working
- Package: Export Standard
- Delivery: Negotiation
- Highlight: Metal Lathe Vertical Lathe, Big Vertical Lathe, Accurate Vertical Lathe



More Images



Product Description

China Metal Lathe Big Conventional Lathe Machine Tools High Quality Accurate 3-Jaw Chuck Vertical Lathe For Sale

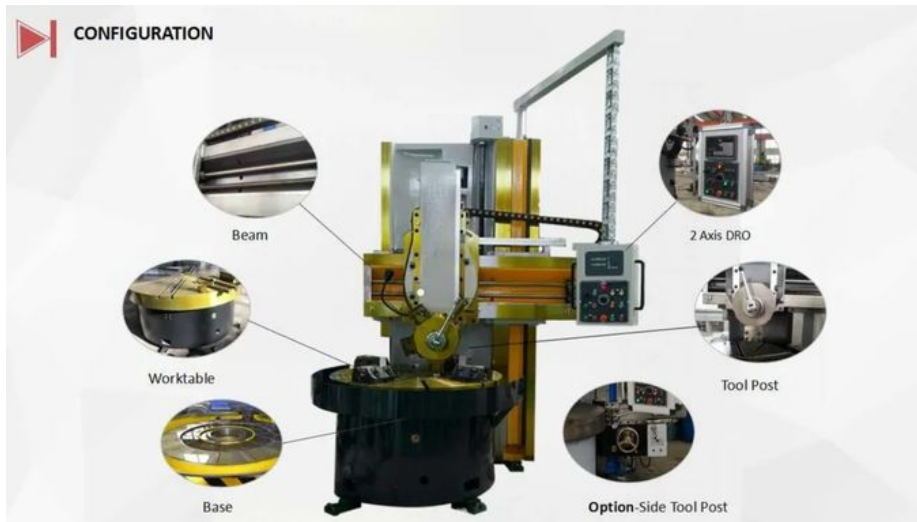
Description:

The digital control 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 manual 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.

Single spindle manual 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. Additionally, the vertical lathes are highly automated and can be programmed to perform a wide range of machining operations, such as turning, drilling, boring, threading, and milling, with minimal human intervention.

Overall, the single spindle manual type metal working digital control vertical lathes are a versatile and efficient machining tool that offer high precision and automation capabilities, making them an essential component of modern manufacturing processes.



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)	5	8	12.4	17	23
Dimension(L*W*Hmm)	2080*2621*3515	2360*2280*2800	2830*2670*3010	3200*2800*3250	3300*4000*3500

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.

Machine picture:

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:)
Tel:+86 18003851898



Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

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