



Single Column Vertical Turning Lathe Machine Conventional C5112 High Efficient

Our Product Introduction

for more products please visit us on lathemach.com

Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN
- Certification: Provided
- Model Number: C5112
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard package or negotiation with customer
- Delivery Time: 35 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Set/Sets per Month



Product Specification

- Product Name: C5112 High Efficient Vertical Lathe Machine
- Max. Height Of Workpiece (mm): 1000
- Machining Capacity: Medium Duty
- Max. Turned Length (mm): 1200 Mm
- Type: VERTICAL
- Spindle Motor Power(kW): 22
- Dimension(L*W*H): 2350*2350 *2700mm
- Weight (KG): 10400 KG
- Warranty: 1 Year
- Automatic Grade: Conventional
- Highlight: Single Column Vertical Lathe, Vertical Lathe Machine Conventional, C5112



More Images



Product Description

Single Column Conventional C5112 High Efficient Vertical Lathe Machine

The Single column model C5112 are super rigid machines with big machining capacities, stable and rigid structure and high machining efficiency. The machine is equipped with one vertical tool head and can be equipped with high precision digital readout system (DRO). AC inverter motor is used to achieve speed change. Gears are made of 40 Cr steel and precision ground for high precision and low machine noise. The machines are designed and built to meet modern machining requirements of high speed cutting tools and carbide cutters on work pieces of ferrous, non-ferrous, composite and other materials.

Our Product

1. Machine tool: The main components of the machine tool (lathe bed, base, workbench, beam, vertical slide rest, side tool box, feed box, main drive gear box) are made of strong cast iron using resin sand technology.
2. Main drive: The workbench rotation is powered by the main electric motor, with a gear reduction and an electromagnetic speed control system for adjusting the speed.
3. Vertical slide and feed mechanism of the vertical slide: The RAM is made of HT250 material, known for its excellent mechanical properties.
4. Workbench base structure: The workbench adopts a long spindle structure, supported by high-precision double row cylindrical roller bearings for radial alignment.
5. Beam: The beam is secured and released using a drift, with hydraulic pressure for clamping.
6. Hydraulic system: The hydraulic system uses reliable control components from renowned manufacturers, both domestic and international.
7. Lubrication of the machine tool: The machine tool automatically provides oil at specified intervals to lubricate the beam and moving parts.
8. Machine tool protection: The machine tool's moving parts are equipped with a comprehensive security chain and interlock system.
9. Electrical control system:
 - a) Power source: Three-phase current of 380V \pm 10%, 50Hz.
 - b) The electrical design of the machine tool follows international design standards.

Machine 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

Machine picture





Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

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