



Vtl Vertical Turret Lathe Machine Heavy Duty Manual DRO Display Single Column

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 package or negotiation with customer
- Delivery Time: 35 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 30 Set/Sets per Month



Product Specification

- Name: Vertical Lathe Machine With Single Column
- Type: Vertical
- Machining Capacity: Medium Duty
- Max. Turned Length (mm): 1600 Mm
- Spindle Motor Power(kW): 15
- Work Table Dia.: 1400mm
- Dimension(L*W*H): 2830*2670 *3010mm
- Weight (KG): 12400 KG
- Warranty: 1 Year
- Highlight: vertical turret lathe machine, vtl vertical turret lathe, vertical turret lathe



More Images



Our Product

Product Description

Heavy Duty Manual DRO Display Vertical Lathe Machine With Single Column

Description:

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. 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. The column guide rail is ground to ensure precision, while the beam guide and ram guide undergo grinding after intermediate frequency quenching. The vertical lathes are widely used in the manufacturing industry for producing large and heavy components, such as gears,

turbines, and aerospace parts.

This manual DRO display vertical lathe machine is designed with 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. Generally it can be programmed to perform a wide range of machining operations, such as turning, drilling, boring, threading, and milling, with minimal human intervention.

Features:

- 1.This versatile machine is suitable for mechanical processing across various industries.
- 2.The main transmission is driven by an AC motor, with a main drive speed that can be changed in 16 steps through solenoid valve control.
- 3.All gears in the gearbox undergo high-frequency quenching for enhanced durability.
4. The machine boasts an attractive design, ensuring user comfort and convenient operation and maintenance.
5. Customization options include a digital display(DRO) device square ram upon customer request, providing additional flexibility to meet specific needs.
6. It mainly can be used for rough and finish machining of inside and outside cylinders, cone surfaces, end faces, grooving, cutting, and internal hole boring.

Specification:

C51 series

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

Machine picture:





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