



## Double Column Vertical Turning Lathe Machine 2 Tool Post Vertical Travel 1M

Our Product Introduction

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### Basic Information

- Place of Origin: Henan, China
- Brand Name: Baishun
- Certification: ISO
- Model Number: C5232
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Export standard wooden case package
- Delivery Time: 70 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 30 Set/Sets per Month



### Product Specification

- Name: Double Column Vertical Turning Lathe Machine 2 Tool Post Vertical Travel 1M
- Type: Vertical
- Dimension(L\*W\*H): 5880X4600X4952mm
- Voltage: 380V/50HZ
- Warranty: 1 Year
- CNC Or Not: Not
- Automatic Grade: Manual
- Power: 55KW
- Highlight: Double Column Vertical Turning Lathe Machine, 1M Vertical Turning Lathe Machine



### More Images



## Product Description

### Double Column Vertical Turning Lathe Machine 2 Tool post Vertical Travel 1M



The heavy duty vertical lathe machine is one of my company's own developed vertical lathes, belonging to large universal metal-cutting processing equipment. The product uses advanced CAD computer-aided design techniques, in accordance with national, industry-related design and manufacture of acceptance standards.

The heavy duty vertical lathe machines specifics to large electrical motor industry, large pump valve type industries, transportation industry, as well as engineering machinery, defense industries of some large workpieces cylindrical-type parts with diameter less than 4 m, such as the motor shell, the pump valve shell, wheel hub, to conduct turning processes on end face, internal and external cylindrical surface, but also can use vertical tool carrier with spanning degrees (+/-30 degrees) for the internal and external cone turning processing needs.

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.

#### Main specification

Item	C5232
Work table diameter	2830 mm
Max. turning diameter of work piece	3200 mm
Max. height of work piece	1600-3000mm
Max. weight of work piece	10-32 T
	35000 N (right turret)
Max. cutting force of tool rest	30000 N (left turret)
Max. torque of worktable	63000 N•m
Speed changing range (high/low)	2.5-40 rpm
Tool rest feeding range(stepless)	0.25-90 mm/min
Beam travel	1250 mm
	Horizontal 1750 mm
Travel of tool rest	Vertical 1000/1250/1400/1600mm
Beam moving speed	350mm/min
Fast moving speed of tool post	1550mm/min
Max. Swing angle of tool post	±30°
Turret dimension(WxH)	40×50 mm
Main motor power	55kW (variable frequency motor)
Feeding motor power	0.75kW (variable frequency motor)
Machine weight(about)	36-50T

#### Worktable:

Workbench respectively for the overall casting structure,the use of high strength and low stress cast iron,grade HT250 aging treatment has sufficient rigidity, strength and stability.

#### Beam :

Beam of high-strength cast iron low stress, aging treatment, steady structure deformation, through its rail IF quenching, has

sufficient rigidity and strength to ensure the accuracy of machine tools. Above rail unloading device with weight loss, reducing the resistance movement of the tool holder, beams and columns rail contact surface glued PTFE rail wear soft belt with a small friction coefficient, greatly extending the life of the machine. Front beam is placed upright so that beams in the column do vertical movement.

**Electrical cabinet:**

All electrical components are integrated in the power distribution cabinet. The electrical components are well-known in China. At the same time, our company also provides HEIDENHAIN, Siemens, and Schneide as optional components.

**Hydraulic stations:**

It includes a table static pressure system, a main drive system, a beam clamping system, and a vertical turret tamping hydraulic balance system. The hydraulic device has a pressure protection function, and it will close automatically if the pressure is not used properly

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)

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