



## Heavy Duty Metal Cutting Vertical Lathe Machine Vertical Lathe Vtl For Flange Machining

Our Product Introduction

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### Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE ISO
- Model Number: CK5235
- Minimum Order Quantity: 1
- Price: \$76,000.00/sets 1-4 sets
- Packaging Details:
  1. Outside we will pack the product with plastic to prevent wet.
  2. Outside of the cnc vertical lathe machine will be packed by strong wooden pallet.
- Delivery Time: 45 Working days
- Supply Ability: 20 Set/Sets per Month



### Product Specification

- Max. Length Of Workpiece 2500 (mm):
- Max. Spindle Speed (r.p.m):90 R.p.m
- Machining Capacity: Medium Duty
- Spindle Bore(mm): 105
- Width Of Bed (mm): 250 Mm
- Spindle Motor Power(kW): 55
- No. Of Spindles: Twin
- Number Of Axes: 2
- Travel (X Axis)(mm): 1900 Mm
- Travel (Z Axis)(mm): 1250 Mm
- Positioning Accuracy (mm):  $\pm 0.005$
- Repeatability (X/Y/Z) (mm):  $\pm 0.003$
- Dimension(L\*W\*H): 6150\*4400\*5330mm
- Voltage: 380V



### More Images



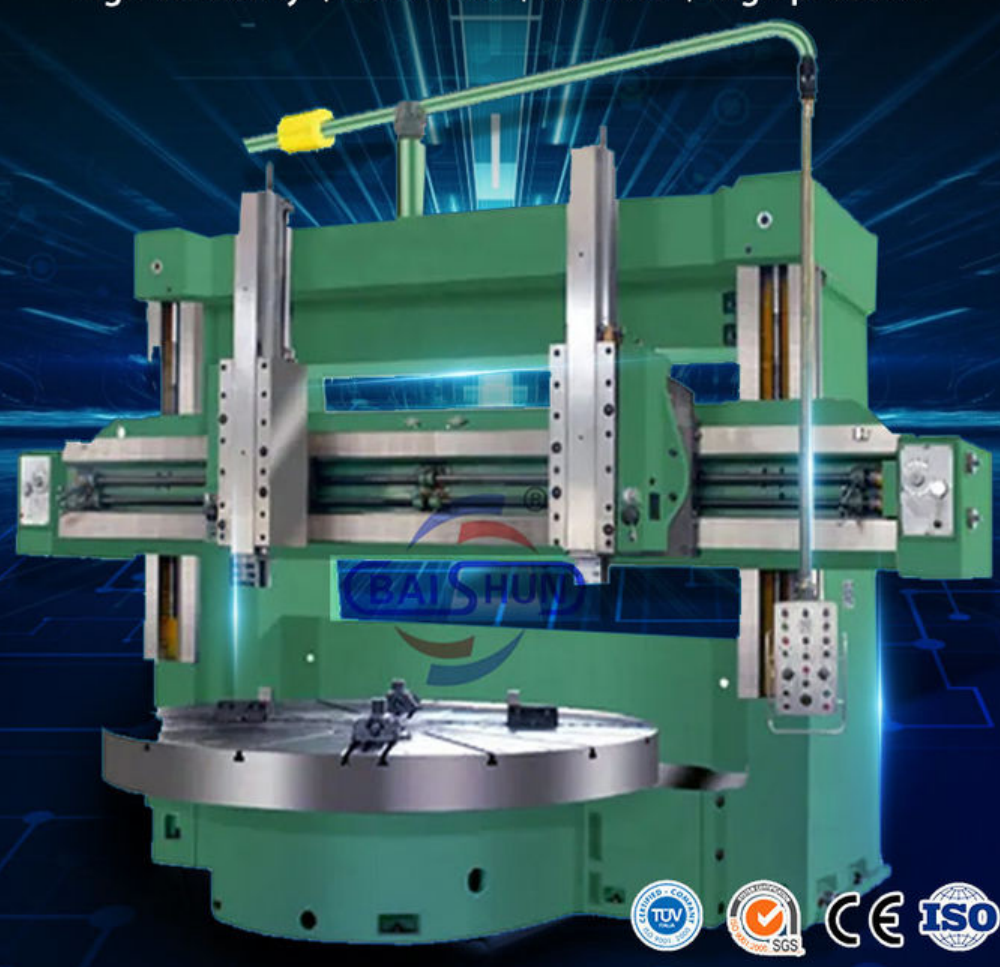
## Product Description





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**BAISHUN**

# VERTICAL LATHE CK5235

High efficiency | Automatic | Reliable | High precision



High Quality /PRODUCT

Factory Diresct /SELLING

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The double column vertical lathe is a cutting-edge piece of equipment that combines mechanical, electrical, and hydraulic components. It incorporates modern design principles and manufacturing techniques, leveraging CAD optimization and state-of-the-art components from both domestic and international sources. The machine boasts a robust structure, offering exceptional strength, high static and dynamic stiffness, precise machining capabilities, heavy load capacity, efficiency, durability, and reliable operation. All major technical specifications of the machine parts comply with national standards. The CNC vertical lathes are a versatile and efficient machining tool that offer high precision and automation capabilities, and that is why makes them an essential component of modern manufacturing processes.

The Vertical CNC Lathe, also known as a Vertical Turning Center, is a powerful machine used in metalworking to precisely and efficiently turn and cut metal components. With its vertical spindle that holds and rotates the workpiece, it has gained popularity in various manufacturing industries. It excels in the production of large and heavy components like gears, turbines, and aerospace parts, especially those with a high aspect ratio.

### Machine parameter

Specifications	Unit	CK5225	CK5231	CK5240Q	CK5240
Max.turning diameter	mm	2500	3150	4000	4000
Max. height of work piece	mm	1600/2000/2500	1600/2000/2500	1600/2000/2500	1600/2000/2500
Max. weight of work piece	T	10/20	10/20	10/20	32
Worktable diameter	mm	2250	2830	2830/3150	3200/3600
Range of table speeds	r/min	2-63	2-63	2-63	2-63
Steps		16	16	16	16
Max torque of work table	KN.m	63	63	63	100
Rapid traverse of rail head	mm/min	4000	4000	4000	4000
Ram vertical travel of right railhead	Kn	35	35	35	40
Ram vertical travel of left railhead	kn	30	30	30	30
Range cutting force of right railhead	mm/min	1-50	1-50	1-50	1-50
Range cutting force of right railhead	mm/min	0.1-1000	0.1-1000	0.1-1000	0.1-1000
Travel of arm	mm	1000	1000	1000	1250
Section of arm	mm	255×200	255×200	255×200	240×240
Swivel of left and right railhead	°	±30°	±30°	±30°	±30°
Section of tool	mm	40×50	40×50	40×50	50×50
Power of main motor	Kw	55	55	55	75
Overall dimensions	cm	569×470×480/520	605×440×493/533	690×510×480/520	690×510×480/520

#### Product photos




# Product Details Display

01

COMFORT VENTILATION

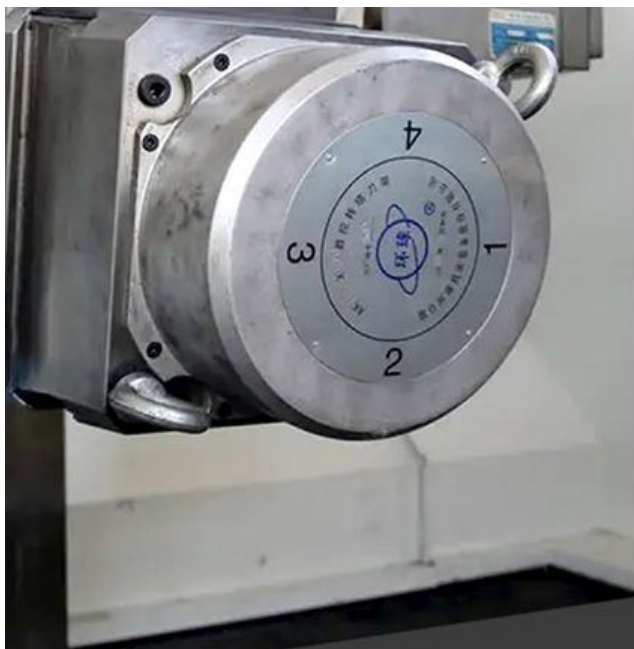
## WORKTABLE

Worktable has high rotation precision and large load capacity.



02





COMFORT  
VENTILATION

## ELECTRIC TOOL POST

Clients can choose  
4,5,6 station  
electric tool post.

TO BE USED WITH THE FOLLOWING TOOLS:  
1. 1/2" DIA. 4" LONG  
2. 1/2" DIA. 6" LONG  
3. 1/2" DIA. 8" LONG

03

COMFORT  
VENTILATION

## COLUMN/ CROSS BEAM

High frequency column  
and beamguide,  
hardness HRC-55  
degree.



04

COMFORT  
VENTILATION

## CONTROL SYSTEM

Standard with  
GSK980TDi control  
Optional: Siemens,  
Fanuc System, etc.





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