



CE Approved CK5126 High Rigidity Cnc Single Column Vertical Turret Lathe

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN MACHINERY
- Certification: CE/ISO9001
- Model Number: CK5126
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 45 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20 Set/Sets per Month



Product Specification

- Product Name: Single Column Vertical Turret Lathe
- Machine Type: CK5126
- Max. Turning Diameter(mm): 2600
- Max. Height Of Workpiece(mm): 1200
- Worktable Size(mm): 2250
- Max.weight Of Workpiece: 8tons
- No. Of Spindles: Single
- Voltage: 380V
- Key Words: Vertical Turning Lathe
- Function: Metal Turning
- Highlight: **cnc Single Column Vertical Turret Lathe, Single Column Vertical Turret Lathe**



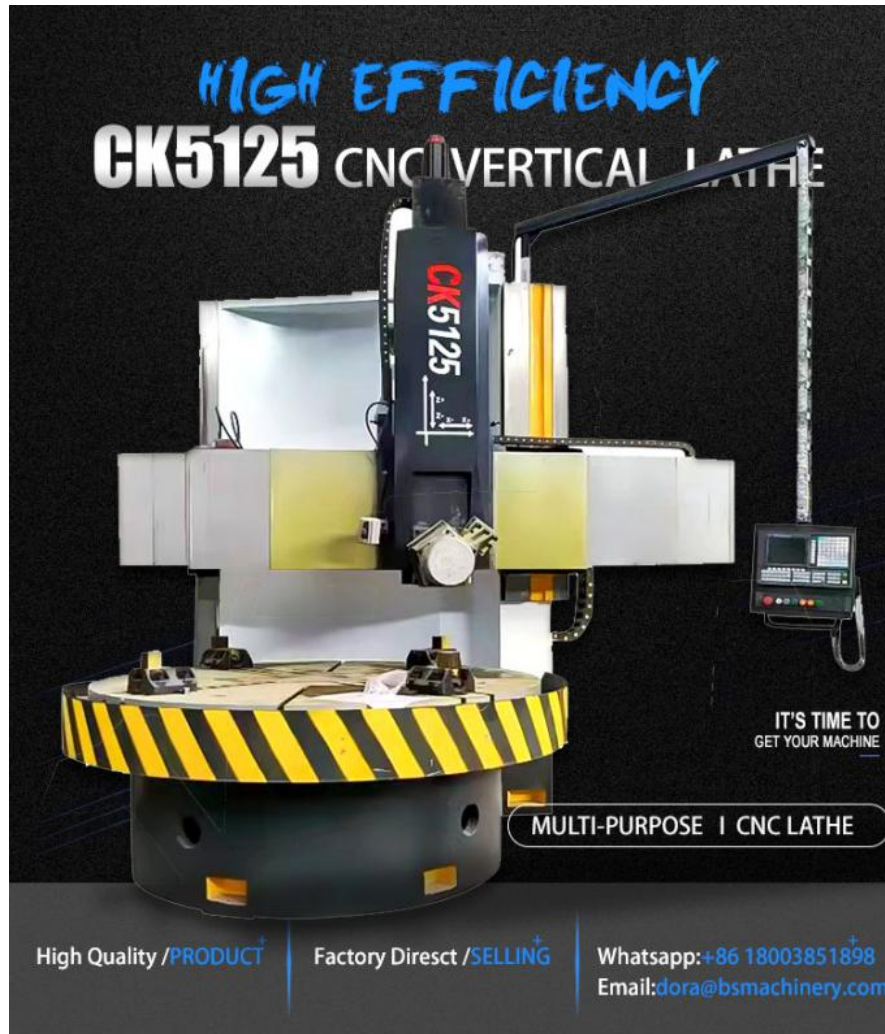
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Product Description

CE Approved CK5126 High Rigidity Cnc Single Column Vertical Turret Lathe

China Hot sale Multi-purpose CNC Vertical Turning Lathe is suitable to process ferrous metal, nonferrous metals and partial non-metallic material, and could achieve the processing of turning of the end face, inside and outside cylindrical surface, inside and outside circular conical surface and drilling, expanding, reaming of hole. Main transmission is driven by the spindle AC servo motor, hydraulic gear change and two gears step less speed regulation. Worktable is manual 4-jaw single movement chuck



Overall Layout

The machine tool consists of a table, table base, column, beam, and vertical knife frame. The machine base is made of HT250 cast iron and undergoes a meticulous process of resin sand casting, followed by aging treatment (artificial aging and vibration aging). This ensures reliable casting quality without cracks, shrinkage, or white mouth tissue. The castings are treated to maintain a stable structure, ensuring the machine's stability during operation. Chemical composition analysis reports for the molten iron, as well as heat treatment reports and temperature-time curves, are provided as quality certifications.

Main Drive

The main drive consists of a main motor connected to a gear box with 16 gears for speed conversion. The gears in the box undergo quenching and grinding processes to ensure precise and efficient transmission, while minimizing noise and vibration.

Workbench

The workbench is composed of a table, table base, spindle components, and transmission mechanism. The table and table base are processed as a single unit through casting. The table guide surface is fitted with an aluminum alloy guide plate, and pressure oil is injected between the guide rails to create a dynamic pressure rail system. This design allows for high load capacity and precise rotation.

Beam

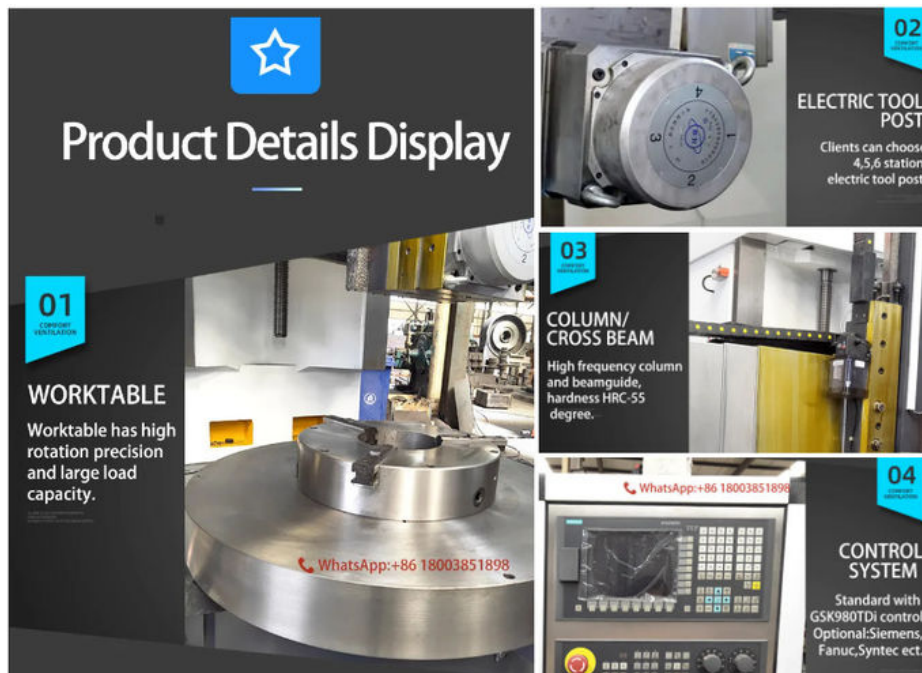
The beam moves vertically along the column and consists of a knife feed drive mechanism, beam clamping mechanism, and hydraulic device. An automatic lubricating oil pump is installed on the beam to lubricate the rail surface as needed.

Machine parameter

Model	CK518	CK5112Q	CK5112A	CK5116Q	CK5120A	CK5126A
Max. turning diameter of vertical tool rest (mm)	800	1200	1200	1600	2000	2600
Working table diameter (mm)	700	1000	1000	1400	1800	2200
Max. height of work-piece (mm)	800	1000	1000	1200	1250	1400
Max. weight of work-piece (kg)	1500	1500	3200	3200	8000	8000
Range of worktable rotation speed (rpm)	30-260	20-180	6.3-200	15-160	3.2-100	2.2-70
Feeding series	Stepless	Stepless	Stepless	Stepless	Stepless	Stepless
Range of tool rest feed (mm/min)	0.25-90	0.25-90	0.8-86	0.25-90	0.8-86	0.8-86
Cross beam travel (mm)	500	1000	650	1200	890	1090

Horizontal travel of tool rest (mm)	500	700	700	900	1115	1400
Vertical travel of tool rest (mm)	450	500	650	750	800	800
Size of section of cutter bar (mm)	30*40	30*40	30*40	30*40	30*40	30*40
Main motor power (kw)	11	15	22	15	30	30

Detail Machine Photo:



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