



Single Column CNC Vertical Lathe Machine With Boring Big Hole Atc Cnc Vtl Machine

Our Product Introduction

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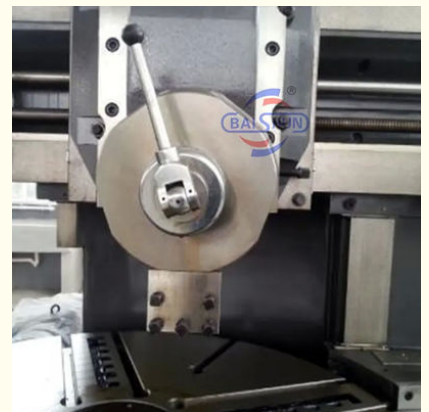
Basic Information

- Place of Origin: Henan, China
- Brand Name: Baishun
- Certification: CE ISO
- Model Number: CK5112
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Export standard wooden case package or Negotiation with customers
- Delivery Time: 30-35 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 100 Set/Sets per Month



Product Specification

- Spindle Bore(mm): 105
- No. Of Spindles: Single
- Dimension(L*W*H): 2350*2350*2700mm
- CNC Control System: GSK
- Toolpost Brand: Hongda
- Product Name: High Precision Machine Cnc Single Column Vertical Lathe
- Max. Processing Diameter: 1200mm
- Max. Height Work Piece: 2000mm
- Highlight: Single Column CNC Vertical Lathe Machine, CNC Vertical Lathe Machine With Boring, cnc vtl machine



More Images



Product Description

High Precision Cnc Single Column Vertical Lathe With Boring Big Hole Cnc Atc

Product Overview

High Precision Machine Cnc Single Column Vertical Lathe

High Precision Machine Cnc Single Column Vertical 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.

Model	CK5112
Max. turning diameter of vertical tool rest (mm)	1200
Working table diameter (mm)	1000
Max. height of work piece (mm)	1000
Max. weight of work piece (kg)	1500
Range of worktable rotation speed (r/min)	20-180
Feeding series	Stepless
Range of tool rest feed (mm/min)	0.25-90
Cross beam travel (mm)	1000
Horizontal travel of tool rest (mm)	700
Vertical travel of tool rest (mm)	500
Cross beam movement speed (mm/min)	350
Tool post horizontal rapid move speed (mm/min)	2000
Tool post longitudinal rapid move speed (mm/min)	1500
Tool section size (mm)	30x40
Main motor power (kw)	15
Machine size(L/W/H) mm	2380/2380/2720
Standard CNC control system	GSK980TB3i

The CNC Vertical lathe is a big machine used for handling large and heavy workpieces with a wide radial size and relatively smaller axial size. It's designed to process workpieces with complex shapes, such as cylindrical surfaces, end surfaces, conical surfaces, cylindrical holes, conical holes, and more. Additionally, with the help of additional tools, it can also perform operations like thread cutting, turning spherical surfaces, imitation machining, and grinding. Unlike horizontal lathes where workpieces are clamped horizontally, the vertical lathe has its main spindle axis arranged vertically, and the worktable is positioned horizontally. This arrangement makes it more convenient for clamping and aligning workpieces. Furthermore, this setup reduces the load on the spindle and bearings, enabling the vertical lathe to maintain its accuracy over long periods of operation.

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



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