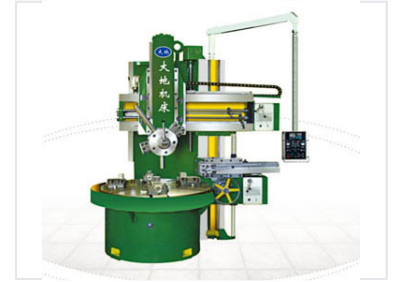


Single Column Vertical Lathe

The single column vertical lathe is designed for machining large and heavy workpieces. Its vertical spindle allows for efficient machining of parts with large diameters and heights, making it suitable for industries like aerospace and automotive.



Overview

Precision Vertical Machining

The Single Column Vertical Lathe is engineered for high-precision mechanical processing, including rough and finishing machining of internal and external cylindrical and conical surfaces, as well as head facing and grooving. Built with high-strength ferosteel, the pedestal and workbench offer exceptional abrasive resistance and thermal stability. The machine features a robust AC motor drive with a 16-step speed changing mechanism to ensure versatile and accurate performance across various heavy-duty industrial applications.

Construction & Design

Structural Features

- Tempering treatment to eliminate internal stress
- Accurately ground guide surfaces
- Hydraulic two-spot beam locking
- High-precision adjustable diametral clearance bearings

Material Construction

Ferosteel, High Strength, Abrasive Resistant

Performance Metrics

Drive System

16 steps

Speed Steps

Tooling Configurations

- Square ram
- Electric knife tool carrier
- Manually pentagon knife tool carrier
- Side tool posts with square tool carrier

Customization & Accessories

Available Accessories

Digital Display • Electric Grinding Head • Turning Tapering