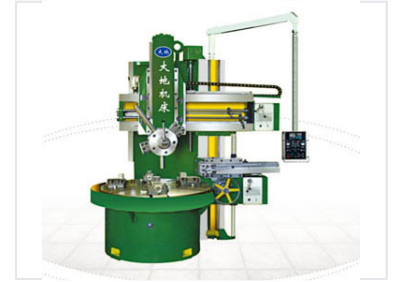


Single Column Vertical Lathe

This single column vertical lathe is designed for machining large and heavy workpieces. It features a vertical spindle and rotating table for efficient machining of complex geometries.



Overview

Precision Vertical Machining

The Single Column Vertical Lathe is engineered for high-precision machining of large and heavy workpieces. Built with high-strength ferroteel, the main structural components undergo tempering to eliminate internal stress, ensuring long-term stability and minimal thermal deformation. This machine combines robust construction with a high-precision workbench and versatile tool rest options to deliver consistent, high-quality surface finishes across demanding industrial applications.

Mechanical Construction

Material Construction	Ferroteel, Tempered Structure, High Abrasive Resistance
Workbench Bearing System	High precision adjustable diametral clearance biserial short cylindrical roller bearing with constant current and static pressure rack

Performance Metrics

Speed Mechanism

16 steps
Speed Steps

Main Drive	AC Motor
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Tooling & Operation

Vertical Tool Rest Options

- Square ram
- Electric knife tool carrier
- Manually pentagon knife tool carrier

Side Tool Post	Equipped with square tool carrier; both tool carriers feature hydraulic pressure balancing
Beam Locking Mechanism	Hydraulic two-spot locking

Customization & Accessories

Available Accessories

Digital Display • Electric Grinding Head • Turning Tapering