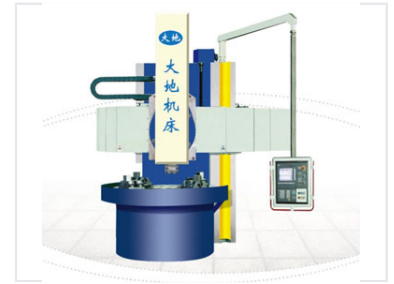


# Vertical Spindle Lathe for Heavy Workpieces

This vertical lathe is designed for machining large, heavy workpieces with high precision. The machine features a vertical spindle orientation, allowing for efficient chip removal and easy loading and unloading of workpieces.



## Product Overview

### Precision Vertical Lathe

This vertical spindle lathe is engineered for the high-precision machining of heavy and large workpieces. Its robust construction, utilizing high-strength ferosteel treated for stress relief, ensures exceptional thermal stability and abrasive resistance. Designed with a high-capacity workbench and advanced AC servo drive systems, this machine provides the reliability and structural integrity required for demanding aerospace and energy sector applications.

## Construction & Design

### Structural Features

- Biserial short cylindrical roller bearings
- Constant current static pressure rack
- Tempering treatment for internal stress elimination
- Hydraulic two-spot beam locking

### Material Specifications

Ferosteel, High-strength, Abrasive resistant

## Performance Metrics

### Drive Specifications

**16 steps**

Speed Steps

### Drive Mechanism

AC servomotor with ball screw drive

## Operational Details

### Control System Compatibility

Imported Control Systems • Domestic Control Systems

### Safety & Operation

- Sealing shields on beam and tool posts
- Easy operation interface
- Optional electric grinding head