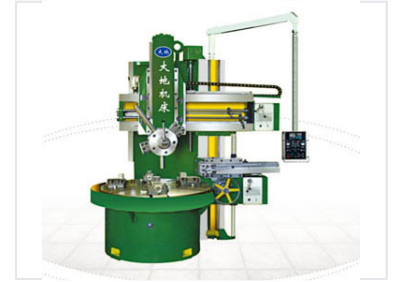


# Single Column Vertical Lathe

The single column vertical lathe is designed for machining large, heavy, and complex work-pieces. Its robust single-column structure provides stability and rigidity for turning, facing, boring, and grooving operations.



## 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. Built with high-strength ferosteel, the machine ensures exceptional stability, reduced thermal deformation, and high abrasive resistance. Its versatile design supports a wide range of industrial applications, offering robust performance for complex heavy-duty machining tasks.

## Technical Construction

Material Construction	High-strength Ferosteel, Abrasive Resistant, Tempered Treatment
Workbench Bearing	High precision adjustable diametral clearance biserial short cylindrical roller bearing

## Performance Metrics

### Machining Capabilities

- Internal/External Cylindrical Machining
- Inner/Outer Conical Surface Machining
- Head Face Machining
- Grooving

Speed Control	16 steps
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## Tooling & Configuration

### Vertical Tool Rest Options

Square Ram • Electric Knife Tool Carrier • Manual Pentagon Knife Tool Carrier

Side Tool Post	Yes
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## Optional Features

### Available Accessories

- Digital Display System
- Electric Grinding Head
- Taper Turning Attachment