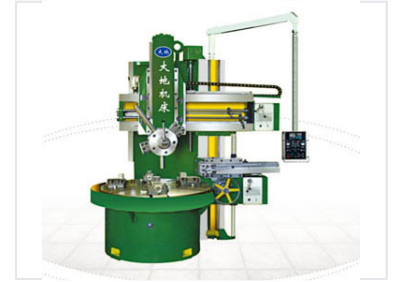


Single Column Vertical Turning Lathe

The Single Column Vertical Turning Lathe is designed for machining large and heavy work-pieces. Its vertical configuration optimizes floor space and simplifies the loading and unloading of materials.



Overview

High-Performance Vertical Turning

The Single Column Vertical Turning Lathe is engineered for demanding mechanical processing tasks, including rough and finish machining of internal and external cylindrical surfaces, conical surfaces, and head faces. Its robust design features a high-strength ferrosteeel construction that has undergone tempering treatment to eliminate internal stress, ensuring stability and long-term deformation resistance. With a high-precision workbench and advanced hydraulic locking systems, this machine delivers exceptional running accuracy and vibration-free operation for heavy-duty industrial applications.

Technical Capabilities

Machining Operations	Cylindrical Turning, Conical Surface Machining, Head Facing, Grooving
Speed Control	16 steps

Construction & Design

Locking System	Hydraulic two-spot locking
Material Composition	High-strength ferrosteeel with tempering treatment
Spindle Bearing	High precision adjustable diametral clearance biserial short cylindrical roller bearing

Tooling Options

Vertical Tool Rest Options	<ul style="list-style-type: none"> Square ram Electric knife tool carrier Manually operated pentagon knife tool carrier
Side Tool Post	Yes

Optional Features

Available Upgrades	Digital display, Electric grinding head, Turning tapering
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