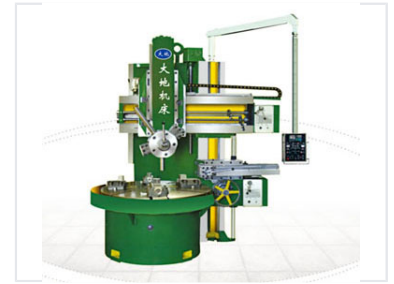


CNC Vertical Lathe for Large Workpieces

This CNC vertical lathe is designed for machining large, heavy workpieces with high precision. Its vertical configuration allows for efficient chip removal and easy loading/unloading of workpieces.



Overview

High-Performance Vertical Lathe

This series of CNC vertical lathes is designed for the rough and finishing machining of large-scale workpieces. It excels in operations such as internal and external cylindrical turning, conical surface processing, head facing, and grooving. Built with a robust ferosteel structure that undergoes tempering to eliminate stress, this machine ensures exceptional stability, high carrying capacity, and long-term geometric accuracy.

Technical Specifications

Vertical Tool Rest Options

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

Main Shaft Speed Settings	16 steps
Construction Material	High-strength ferosteel, Abrasive resistant

Features

Advanced Machine Capabilities

Feature Category	Technical Advantage
Main Shaft	Biserial short cylindrical roller bearing with static pressure rack
Beam Locking	Hydraulic two-spot locking system for vibration-free feeding
Tool Carriers	Equipped with hydraulic pressure balancing
Drive System	AC motor driven with step speed change mechanism

Available Upgrades

Digital display system • Electric grinding head • Taper turning attachments