

CNC Flat Bed Lathe for Metalworking

This CNC flat bed lathe is designed for turning various shaft and disc workpieces, as well as cutting threads, arcs, and cones. It excels in high-speed cutting of both ferrous and non-ferrous metals, making it suitable for high-efficiency, large-batch, and high-accuracy machining.



ADDITIONAL IMAGES



Overview

Precision CNC Flat Bed Lathe

This CNC flat-bed lathe is a precision machine tool engineered for versatile turning operations, including facing, threading, and profiling. Designed with a robust structure to ensure stability and reduce vibration, it is suitable for machining a wide variety of materials such as steel, aluminum, and plastics. The machine combines high-speed performance with user-friendly controls, making it an ideal solution for both small-batch production and high-volume manufacturing environments.

Technical Specifications

Key Design Features

- Heat-treated hardened flat bed guideways
- Plastic-coated saddle and sliding surfaces
- Optimized internal design for chip removal
- High-rigidity tool turret

Guideway Hardness	52 HRC
Hardening Depth	3 mm
Chuck Configuration	Manual (Standard), Hydraulic (Optional)

Performance Metrics

Performance Highlights

3 mm Hardening Depth	52 HRC Hardness Rating
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