

CNC Metal Turning Lathe

This CNC lathe is a precision metal cutting machine designed for turning operations. It features a CNC control system for automated and precise control of cutting processes.



Overview

High-Precision Multi-Tasking CNC Lathe

This industrial-grade CNC metal turning lathe integrates turning, milling, boring, drilling, and tapping capabilities into a single machine. Engineered for complex and high-precision parts, it features high-quality Japanese components and a programmable tailstock to ensure stability and accuracy. It is an ideal solution for demanding manufacturing environments requiring simultaneous machining operations.

Key Performance Metrics

Performance Highlights

0.003 mm Positioning Repeatability	0.003 mm Spindle Runout	650 mm Swing Diameter
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Machining Capacity

Max Machining Diameter	370 mm
Max Bar Through Diameter	74 mm
Optional Bar Through Diameter	80 mm

Axis & Travel

Axis Travel Specifications

Axis	Travel Distance
X-Axis	230mm
Z-Axis	822mm

Tooling & Turret

Turret Configuration

- 12 Position servo hydraulic turret
- Includes 3 pieces living tools
- High-performance German-engineered tooling

Control & Components

Control System	Siemens 828D
Critical Components	Japanese LM Guideways, Japanese Spindle Bearings, German Living Tools, Servo Programmable Tailstock

Machining Functions

Process Capabilities

Turning • Milling • Boring • Drilling • Tapping • Simultaneous Machining