

CNC Metal Lathe

This CNC metal lathe is designed for high-precision metal cutting applications. Its rigid structure ensures stability and accuracy, while its user-friendly control panel simplifies programming and operation.



Overview

High-Precision CNC Metal Lathe

This CNC metal lathe is an ideal choice for high-efficiency and high-precision machining of various disk and shaft workpieces. It features premium components including Japanese LM guideways and spindle bearings to ensure exceptional accuracy and repeatability. Equipped with a Siemens 828D control system and a versatile servo hydraulic turret, it is designed to meet demanding industrial turning requirements.

Key Performance Metrics

Performance Highlights

0.003 mm

Repeatability Accuracy

550 mm

Swing Diameter

51 μ m

Max Bar Through Diameter

Machining Capacity

Swing Diameter	550 mm
Swing Over Slide	330 mm

Axis Travel

Axis Travel Dimensions

Axis	Travel Distance
X-Axis	190mm
Z-Axis	561mm

Precision Components

Linear Guideway	LM guideway (THK Japan)
Spindle Bearing	NSK Japan
Spindle Axial & Radial Runout	0.003 mm

Control & Tooling

Control System

Siemens 828D

Turret Configuration	8/12 position servo hydraulic turret
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Applications

Suitable Workpieces

Disk Workpieces, Shaft Workpieces, Finishing, High Precision Machining