

# 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

<b>0.003 mm</b> Positioning Repeatability	<b>0.003 mm</b> Spindle Runout	<b>650 mm</b> 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