

# CNC Lathe for Precision Machining

This CNC lathe is designed for machining complex parts with accuracy and efficiency. Its rigid structure ensures stability during high-speed machining, while the integrated cooling system maintains optimal temperature for consistent performance.



## Overview

### High-Precision Compact CNC Lathe

The Compact 330 is a versatile CNC lathe featuring a 45° inclined bed constructed of heavy-duty, torsionally rigid meehanite casting, ensuring optimum turning results even at high machining rates. Its compact, space-saving design incorporates a linear guide system on all axes to minimize friction and wear, providing consistent accuracy and long-term stability. Equipped with a state-of-the-art CNC control and a powerful spindle, this machine is ideal for efficient, high-precision machining of bar material in a safe, enclosed work environment.

## Performance Metrics

### Key Performance Metrics

<b>7.5 KW</b> Drive Power	<b>6000 rpm</b> Max Spindle Speed	<b>30 m/min</b> Rapid Feed Rate	<b>0.008 mm</b> Positioning Accuracy
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## Technical Specifications

### Machining Capacity

Parameter	Value
Max Swing over Bed	330 mm
Max Cutting Diameter	145 mm
Max Cutting Length	160 mm
Spindle Bore	34 mm

### Dimensions and Weight

- Machine Weight: 2200 kg
- Machine Size: 2020 x 1300 x 1620 mm

## Equipment

### Optional Equipment

Parts catcher • Chip conveyor • Bar feeder

### Standard Equipment

CNC Control, 3-jaw power chuck, 8-station tool turret, Coolant system, Machine setup kit, Assembly tools