

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

7.5 KW

Drive Power

6000 rpm

Max Spindle Speed

30 m/min

Rapid Feed Rate

0.008 mm

Positioning Accuracy

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