

CNC Metal Lathe with 500mm Swing Diameter

This CNC lathe is designed for metal cutting and turning applications. It features a robust construction and an advanced control system for efficient and accurate machining.



Product Overview

High-Precision CNC Metal Lathe

This CNC metal lathe is designed for professional machining operations, offering a robust swing diameter of 500mm over the bed. It features a high-performance spindle with speeds up to 3000 rpm and advanced servo motor control for precise XZ axis movement. Built for versatility, it supports both metric and inch thread cutting, making it an ideal choice for diverse manufacturing and engineering applications.

Key Performance Metrics

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500 mm Max Swing Diameter	3000 rpm Max Spindle Speed	4 KW Main Motor Power	2500 Kg Net Weight
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Machining Capacity

Max Swing Diameter over Bed	500 mm
Max Swing Diameter over Carriage	90 mm
Maximum Machining Length	200 mm

Spindle & Tooling

Spindle Nose Type	A2-5
Spindle Bore Diameter	50 mm
Tool Post Section Size	20x20 mm

Motion & Feed

XZ Axis Max Travel	350/350 mm
Rapid Traverse Rate	12/12 m/min
XZ Axis Servo Motor Torque	6/7.5 Nm

Threading Capabilities

Metric Thread Range	0.25-12 mm
Inch Thread Range	28-3 1/2 TPI

Physical Dimensions

Overall Dimensions (LxWxH)	2000 x 1500 x 1800 mm
Machine Net Weight	2500 Kg