

High Precision CNC Lathe for Small Parts

This CNC lathe is designed for machining small parts with high precision. Its features include a rigid machine base, precision spindle, and an advanced CNC control system.



Overview

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The KM-20 series is a high-performance CNC lathe designed for precision machining of small parts across various materials including stainless steel, alloy steel, and non-ferrous metals. Built with a high-strength, low-stress Meehanite cast iron bed, it offers exceptional rigidity and shock absorption for stable operation at micron-level precision. This model features a rapid traverse speed and an advanced servo control system to ensure efficient production, making it a reliable solution for small batch manufacturing and prototyping.

Processing Capacity

Key Performance Metrics

240 mm Max Rotary Diameter	20 mm Max Bar Diameter	6000 rpm Max Spindle Speed
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Capacity Details

Parameter	Value
Max Processing Diameter x Length	\$100\$100mm
Spindle Bore Diameter	\$26mm

Technical Specifications

Movement Specifications

Axis	Max Stroke (mm)	Rapid Traverse (m/min)
X-axis	230	18
Z-axis	200	18

Tooling

- Cutter holder numbers: 8
- Outside shank diameter: 12x12 mm
- Inside shank diameter: \$25mm

Main Driving Motor Power	3.7 / 5.5 KW
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Features

Highlighted Features	High Rigidity, Meehanite Cast Iron Bed, Micron-level Precision, Linear Guides, Ball Screw Drive, Compact Design
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