

CNC Honing Machine

This CNC honing machine is engineered for high-precision internal and external honing. It features advanced control systems for precise management of spindle speed, feed rate, and honing pressure.



ADDITIONAL IMAGES



Overview

High-Precision CNC Honing Solution

This advanced CNC honing machine is engineered for precision machining of cylinder liners, engine blocks, hydraulic servo cylinders, and other critical internal bores. Featuring a modular design and digital control of spindle reciprocation, it delivers superior surface finishes up to Ra0.4 and high dimensional accuracy of grade IT7. The system supports automated cycles and flexible configuration, making it a highly efficient solution for both through-hole and blind-hole processing requirements.

Performance

Key Honing Metrics

50 mm

Min Honing Diameter

500 mm

Max Honing Diameter

1500 mm

Max Honing Depth

Surface Finish Quality

Ra0.4

Dimensional Accuracy

IT7

Technical Specifications

Model Specifications

Model	Honing Dia. (mm)	Max Depth (mm)	Spindle Stroke (mm)
2MK2220 x 100	50-200	1000	1150
2MK2240 x 100	80-400	1000	1300
2MK2250 x 150	80-500	1500	2050

Spindle Dynamics

- Reciprocation Speed: 5-20 m/min
- Rotary Speed: 30-200 r/min

Features

Key Features

Automatic Cycle • 2-Station Hydraulic Table • Digital Control • Blind-Hole Capable • Modular Honing Head