

CNC Vertical Honing Machine for Precision Finishing

This CNC vertical honing machine is designed for precision internal diameter finishing of metal parts. It features a robust frame, advanced control system, and multi-axis capabilities for high-volume production.



ADDITIONAL IMAGES



Overview

Precision CNC Vertical Honing

This CNC vertical honing machine is engineered for high-precision finishing of through holes and blind holes in components like engine blocks, cylinder liners, and hydraulic servo cylinders. Featuring a modular design with a C-shaped box structure, it offers advanced digital control over spindle reciprocation, rotation, and honing stone pressure. The system supports complex mesh pattern machining and automatic short-stroke dressing, ensuring consistent quality and superior surface finishes for demanding industrial applications.

Key Features

Capabilities

CNC Control, Modular Design, Automatic Short-Stroke Dressing, Mesh Pattern Machining, Electro-Hydraulic Proportional Control

Technical Specifications

Model Specifications

Feature	2MK2220x100	2MK2240x100	2MK2250x150
Honing Dia. Range	50-200mm	80-400mm	80-500mm
Max. Honing Depth	1000mm	1000mm	1500mm
Max. Spindle Stroke	1150mm	1300mm	2050mm
Spindle Rotary Speed	30-200r/min	30-200r/min	30-200r/min
Spindle Motor Power	11KW	15KW	15KW

Performance Metrics

Spindle Performance

5 m/min

Min Reciprocation Speed

20 m/min

Max Reciprocation Speed