

Precision Surface Grinding Machine

The precision surface grinding machines are designed for achieving high accuracy and fine surface finishes. These machines feature a robust construction for stability and vibration damping, ensuring consistent grinding performance.



Overview

Precision Surface Grinding Capability

This precision surface grinding machine is engineered to deliver high-accuracy surface finishes by utilizing both the periphery and the end face of the grinding wheel. It features a robust design that supports versatile work holding, including electrical magnetic chucks or direct table mounting. With a combination of hydraulic and manual control systems, the machine ensures smooth operation and precise adjustments for demanding machining applications.

Operational Mechanics

Table Movement	Hydraulic drive
Transverse Movement	Hydraulic or Manual
Vertical Feed Mechanism	Manual or Mechanical
Vertical Drive	Ball screw

Safety & Control

Safety Features	Automatic interlock (transverse), Interlock device (vertical)
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Grinding Capabilities

Grinding Methods

- Periphery surface grinding
- Vertical plane grinding (end face)

Workholding

Workpiece Fixing Options

- Electrical magnetic chuck
- Direct table mounting