

# 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