

# Surface Grinding Machine with 400 x 1000 mm Table

This surface grinding machine is designed for precision grinding of flat surfaces. It features a worktable size of 400mm x 1000mm, providing ample space for various workpiece dimensions.



## Machine Overview

### High-Precision Surface Grinding M7140

The M7140 Surface Grinding Machine is a fully automatic industrial solution engineered for precision flat surface grinding. Featuring a generous 400x1000mm worktable, this unit is designed to handle diverse workpiece dimensions with stability and ease of operation. Its construction incorporates wear-resistant plastic-iron guide rails, ensuring long-term rigidity and high accuracy for demanding mold fabrication and machining applications.

## Technical Specifications

### Worktable Size

**400 mm**

Table Width

**1000 mm**

Table Length

### Operational Capabilities

Full Automatic, Peripheral Grinding, Vertical Surface Grinding, Roughing, Finishing

## Construction & Design

### Key Design Attributes

- Wear-resistant plastic-iron guide rails
- High rigidity structure for vibration minimization
- Integrated hydraulic table movement
- Coolant system for temperature management

### Workpiece Clamping

- Magnetic chuck
- Direct bench mounting
- Custom fixture compatibility