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## **SURFACE GRINDING MACHINE AZA1176**

The AZA LAB Surface Grinding Machine – Model AZA1176 is a precision-engineered machine designed for high-accuracy surface grinding across a wide range of metals and materials. Built for industrial reliability, it delivers consistent surface finishes, tight tolerances, and smooth operation, making it ideal for workshops, tool rooms, and manufacturing environments.

Constructed using corrosion-resistant materials, the AZA1176 ensures long service life with minimal maintenance, even under demanding operating conditions.

### **Key Benefits**

- High-precision grinding with close tolerances
- Smooth, vibration-free and noiseless performance
- Robust and corrosion-resistant construction
- Operator-friendly controls and ergonomics
- Low maintenance and long operational life
- Cost-effective solution for industrial applications
- Customization Options

Available in multiple configurations

Custom specifications can be provided as per requirement





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### **TECHNICAL SPECIFICATIONS**

<b>Parameter</b>	<b>Details</b>
Model	AZA1176
Working Surface	175 × 350 mm
Magnetic Chuck Size	150 × 300 mm
Max. Height (Table to Wheel)	250 mm
Vertical Feed Graduation	0.01 mm
Cross Feed Graduation	0.05 mm
Grinding Wheel Size	175 × 13 × 31.75 mm
Spindle Speed	2800 RPM
Main Motor Power	0.75 HP

### **PERFORMANCE & RELIABILITY**

Each AZA1176 machine undergoes stringent quality checks to ensure smooth, stable, and accurate operation. It is designed to deliver reliable performance with minimal downtime, making it a dependable choice for precision grinding requirements.