



### 1. PRODUCT OVERVIEW

The Automatic Surface Grinder is engineered for precision surface finishing across industrial machining applications. Designed with a rigid structure, high-accuracy feed systems, and reliable spindle performance, the machine ensures smooth grinding operations, consistent output, and long-term durability.

Suitable for training institutes, workshops, and production environments.

Parameter	Offered Specification
<b>Table Size</b>	500 × 250 mm
<b>Spindle Motor Power</b>	1.5 kW
<b>Max. Longitudinal Travel</b>	600 mm
<b>Max. Cross Travel</b>	275 mm
<b>Max. Distance: Spindle Centre to Table</b>	480 mm
<b>Coolant Motor Power</b>	0.12 kW
<b>Cross Feed Motor Power</b>	0.60 kW
<b>Elevating Motor Power</b>	0.75 kW
<b>Total Rated Power</b>	4.0 kW
<b>Table Auto Feed</b>	5 – 20 m/min
<b>Rapid Table Speed</b>	1000 m/min
<b>Wheel Head Auto Feed Steps</b>	0.005 / 0.01 / 0.02 / 0.03 / 0.04 / 0.05 mm/min
<b>Wheel Head Rapid Speed</b>	460 m/min
<b>Handwheel Feed</b>	0.005 mm/div
<b>Grinding Wheel Speed</b>	2800 RPM @ 50 Hz

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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