

Universal Tool and Cutter Grinder

This universal tool and cutter grinder sharpens various tool shapes and angles. The worktable features a dovetail guide rail for stability and smooth operation.



ADDITIONAL IMAGES



Product Overview



Robust construction designed for high-precision grinding and sharpening tasks.

Universal Tool and Cutter Grinder

This universal tool and cutter grinder is a versatile machine designed for precision sharpening of a wide range of cutting tools, including end mills, lathe tools, gear cutting tools, and diamond cutting tools. It features a stable, robust construction utilizing dovetail or high-precision straight-line rolling guide rails for smooth, dexterous operation. The grinding head motor rotates 360° in the horizontal plane, allowing for rapid clockwise and anticlockwise wheel rotation to enhance safety and operational efficiency.

Performance Metrics

Key Performance Metrics

250 mm

Max Grinding Diameter

2800 RPM

Grinding Head Speed

0.75 HP

Motor Power

Machine Dimensions & Capacity



The machine features double linear ball guides, adjustable stroke controls, and a built-in LED work lamp for precise operation.

Technical Specifications

Feature	Specification
Worktable Area	130 x 520 mm
Worktable Diameter	300 mm
Worktable Travel	150 mm
Wheel Head Elevation	160 mm
Lateral Feed Distance	190 mm
Head Holder Height	135 mm
Spindle Taper	MO-Type 4#
Grinding Wheel Dimensions	150 x 16 x 32 mm

Physical Properties

Dimensions & Weight

- Dimensions: 65 x 65 x 70 cm
- Net Weight: 165 kg
- Gross Weight: 180 kg

Capabilities



Versatile sharpening capabilities for a variety of industrial cutting tools.

Sharpening Scope

End Mills, Lathe Tools, Disc Cutters, Gear Cutting Tools, Diamond Cutting Tools, Square Tools, Tapered Tools