

Universal Cutter and Drill Grinding Machine

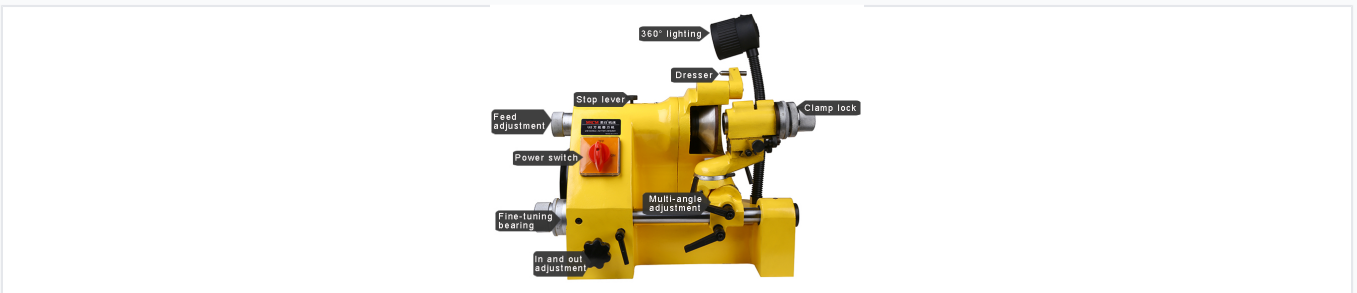
This universal cutter grinder is designed for sharpening HSS and carbide engraving cutters, including single and multiple lip cutters. The universal index head provides 24 positions for obtaining any particular angle or shape.



ADDITIONAL IMAGES



Overview



Detailed view of the 360-degree lighting, feed adjustments, and multi-angle controls.

Universal Grinding Precision

This high-precision universal grinding machine is designed for the efficient sharpening of HSS and carbide engraving cutters, as well as single or multiple lip cutters. Featuring a versatile 24-position universal index head, it allows for 360-degree rotation, enabling the grinding of end mills, twist drills, and lathe tools without complex setups. Built for durability and accuracy, this machine is an essential tool for toolrooms and workshops requiring consistent, professional-grade results.

Technical Specifications



Robust construction designed for stability and precision grinding of various cutting tools.

Grinding Capacity

25 mm

Max Collet Capacity

25 mm

Max Grinding Diameter

Travel and Adjustment Ranges

Parameter	Range/Value
Taper Angle	0~180°
Relief Angle	0~45°
Negative Angle	0~25°

Mechanical Travel

- Index head carrier longitudinal travel: 140mm
- Index head carrier longitudinal adjustment travel: 180mm
- Spindle and wheel longitudinal adjustment travel: 600mm

Performance



User-friendly interface with clearly marked power controls.

Power and Speed

0.33 HP

Motor Power

5300 rpm

Spindle Speed

Operating Voltage

220V, 380V, 50HZ

Equipment & Maintenance



Standard equipment package including collets, diamond pen, and specialized attachments for drills, mills, and lathe tools.

Included Accessories

- 3 Collets (I4, I6, I8)
- Diamond grinding wheel
- Diamond pen
- Twist drill grinding attachment
- End mill grinding attachment
- Lathe tools grinding attachment
- Belt

Optional Accessories

- 11-piece collet set (I3, I4, I5, I6, I8, I9, I10, I12, I14, I16, I18, I20, I22, I24, I25)

Physical Dimensions

Physical Specs

50 kg

Weight

Dimensions (L x W x H)

55 x 46 x 49 cm