

# Universal Cutter and Drill Grinding Machine

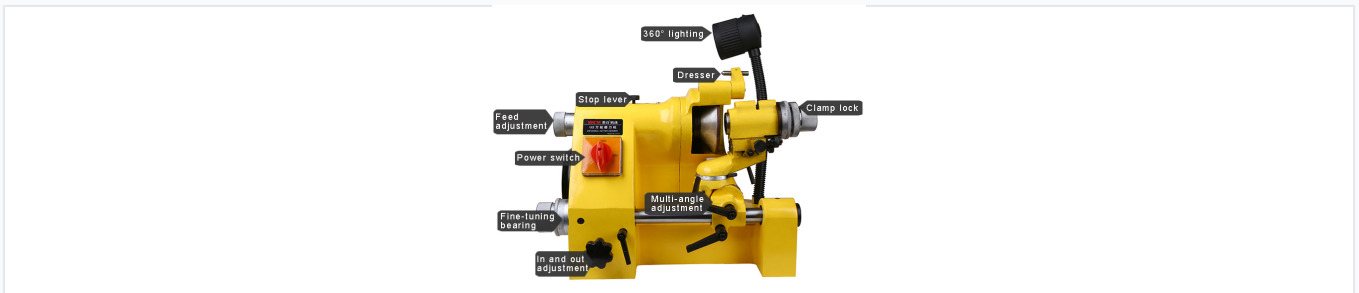
This universal cutter grinder is designed for sharpening HSS and carbide engraving cutters, including single and multiple lip cutters. The universal index head provides 24 positions for obtaining any particular angle or shape.



## 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