

STANDARD 3-AXIS GRINDING MACHINE



17" Industrial Control Monitor is Included

Grinding of flat and bevel surfaces - designed for relatively simple grinding lines of workpieces such as kitchen knives, tool blades, and scissor blades.

To further improve processing accuracy, our grinding machines can also be equipped with an automatic grinding wheel compensation sensor. This device can monitor the wear condition of the grinding wheel and automatically compensate to ensure consistency and precision during the processing.

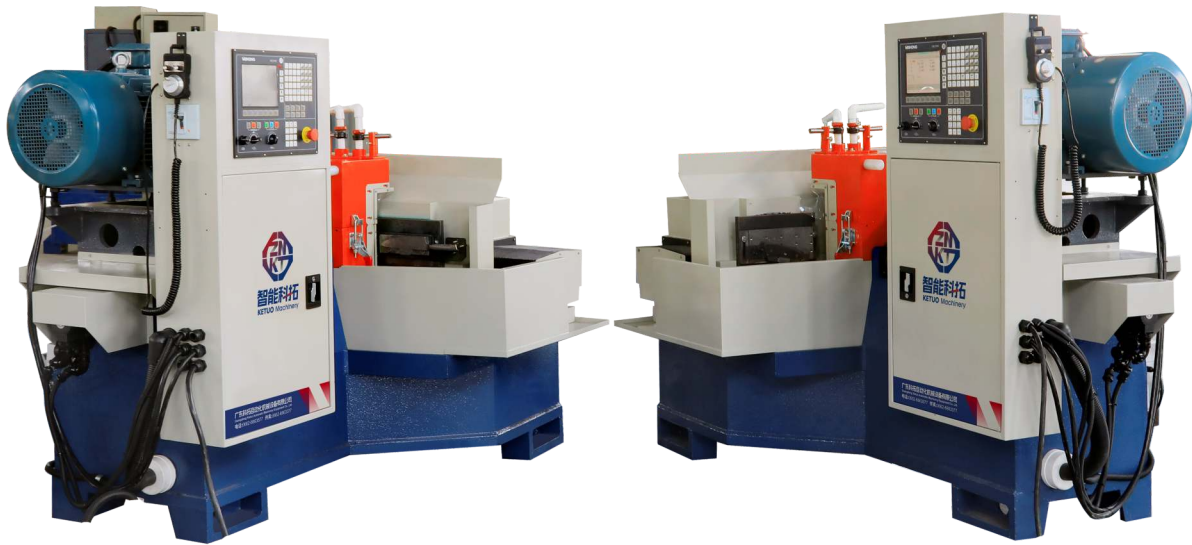


Single unit size and weight specifications: Length: 2300mm Width: 1620mm Height: 1660mm Weight: 2500KG

Technical Specifications

- Standard version maximum grinding length: 385mm (the maximum grinding length can be customized according to customer needs)
- Spindle drive power: Star-delta asynchronous motor 7.5-18.5kw (optional YE4 level energy-saving motor or permanent magnet synchronous motor)
- Grinding wheel diameter: 450mm-535mm
- Mechanical transmission method
 - X-axis: Cylindrical linear guide (optional linear guide) / Cold-rolled ball screw (optional ground ball screw)
 - Z-axis: Cylindrical linear guide (optional linear guide) / Cold-rolled ball screw (optional ground ball screw)
 - A-axis: T - nut/Push plate Structure
- Power system: Bus absolute value motor ● Lubrication system: Centralized central lubrication pump
- Spindle: In house high-strength spindle ● CNC system: WEIHONG NK280B system

LIGHT LOAD 3-AXIS GRINDING MACHINE



Designed for grinding flat and bevel surfaces using grinding wheels of 355mm and below - ideal for workpieces with relatively simple grinding lines, such as kitchen knives, tool blades, and scissor blades.



To further improve processing accuracy, our grinding machines can also be equipped with an automatic grinding wheel compensation sensor. This device can monitor the wear condition of the grinding wheel and automatically compensate to ensure consistency and precision during the processing.

Single unit dimensions and weight specifications: Length: 2070mm Width: 1620mm Height: 1550mm Weight: 2000KG Grinding wheel diameter: 260mm-355mm

A Axis OPTIONAL PARTS

