

DOUBLE HOLLOW GRINDING MACHINE
(SEGMENTED GRINDING WHEELS)



Single unit dimensions and weight specifications: Length: 2010mm Width: 1780mm Height: 1780mm
Weight: 3500KG

Technical Specifications

- Maximum grinding length: 380mm
- Spindle drive power: Star-delta asynchronous motor 7.5kw-11kw*2 (optional YE4 level energy-saving motor or permanent magnet synchronous motor)
- Grinding wheel diameter: Below 300mm
- Mechanical transmission methods:
 - X-axis: P3 Heavy-duty roller linear guide / Cold rolled ball screw (optional ground ball screw)
 - Z1-axis: P3 Heavy-duty roller linear guide / Cold rolled ball screw (optional ground ball screw)
 - Z2-axis: P3 Heavy-duty roller linear guide / Cold rolled ball screw (optional ground ball screw)
 - Y-axis: P3 Heavy-duty roller linear guide / Cold rolled ball guide (optional ground ball screw)
- Drive system: Bus absolute value motor
- Lubrication system: Centralized central lubrication pump
- Spindle: Self-developed high-strength spindle
- CNC system: WEIHONG NK280B system



This grinding machine is specifically designed for workpieces that require double hollow grinding with right-angle positioning. It uses cost-effective segmented grinding wheel abrasives and is easy to adjust during the processing, simplifying the operation procedure.

Four-Axis Grinding Worktable

- X-axis Effective travel of 500mm (processable length of 380mm)
- Y-axis Lifting axis (stroke of 110mm)
- Z1-axis Grinding wheel feed axis (stroke of 160mm)
- Z2-axis Grinding wheel feed axis (stroke of 160mm)

