

A diamond dresser is mounted in the chuck for grinding wheel dressing, with the chuck grinding angle fully adjustable. The wheel motor provides 160 mm of vertical adjustment, 180 mm of horizontal adjustment, and 180° of rotation, extending the machine's functional capability.

A precision collet-type chuck is fitted, providing stable clamping. Both the cutting edge and web thickness of drills can be ground in a single set-up. Equal triangle geometry and edge lengths are maintained on both sides, ensuring the drill centre point remains accurate and free from offset.

Operation is straightforward, delivering fast and precise grinding results.

The machine is capable of grinding the following tool types: drills, step drills, centre drills, spotting drills, countersink cutters, taps, chamfer cutters, end mill cutting edges, engraving tools, sheet metal drills, and round bar stock.



Model	ZB80P
Grinding Capacity	Ø4~Ø80mm
Longitudinal Travel of Table	240mm
Horizontal Travel of Table	180mm
Vertical Adjustment of Wheel Head	160mm
Clearance Angle of Drill	0~18°
Point Angle of Drill	40~180°
Size of Wheel	180 x 50 x 31.75mm
Grinding Spindle Speed	50Hz 2800rpm 60Hz 3360rpm
Motor Power	1500W (2hp)
Net Weight	309kg

Standard Accessories:

- 7" 6 Jaw Self-Centering Chuck
- Chuck Handle
- General Grinding Wheels (type 7A)
- Grinding Wheel Flange
- Flange Wrench
- No. 3,4,5,6 M.T Sleeve
- Cam No. 4 for Drill Grinding
- Cam No. 6 for Drill & Step Drill Grinding
- Cam No. 8 for 4 Flute Tap Grinding
- Cam No. 9 for 3 Flute Tap & Chamfer Cutter Grinding
- Cam No. A2 for 1 Flute Chamfer Cutter Grinding
- Auto Cycle Motor
- Cooling System (for wet grinding)
- Work Light
- Work Cabinet
- Operation Manual

Optional Accessories:

- Diamond Dresser
- Grinding Wheel Flange (right handed extension)
- General Grinding Wheels
- Grinding Wheel Balancing Weight
- No. 1 M.T Sleeve (with MT3 connector)
- No. 2 M.T Sleeve (with MT3 connector)
- 60ND Radial Relief Grinding Attachment
- Electroplated Grinding Wheels

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.