



Features:

- Z axis 0.001mm minimum feed rate (Dial 0.001mm division)
- Auto cross minimum feed rate 0.001mm
- 25mm Dia Y Axis Ballscrew
- Proximity Sensor for Longitudinal Movement
- Automatic Machine Stop when grinding completed
- Rapid Up/Down Button
- Oil Tank

Model	ZB820W	ZB1020W
Working Surface of Table	200 × 508mm	254 × 508mm
Max. Table Travel	560mm	560mm
Max. Cross Travel	240mm	275mm
Distance Between Table Surface and Spindle Center	450mm	450mm
Max. Table Load (inc magnetic chuck)	180kg	180kg
T-Slot (Number × Width)	1 × 14mm	1 × 14mm
Table Speed	5~25m/min	5~25m/min
Crossfeed Handwheel		
1 Grad	0.001mm	0.001mm (MPG)
1 Rev	0.1-1mm	0.1-1mm
Automatic Crossfeed of Saddle	1-18mm	1-18mm
Automatic Crossfeed Rate	0-1000mm/min	0-1000mm/min
Grinding Wheel Dimensions	200 × 20 × 31.75mm	200 × 20 × 31.75mm
Spindle Speed		
50Hz	2850rpm	2850rpm
60Hz	3450rpm	3450rpm
Vertical Handwheel		
1 Grad	0.001mm	0.001mm (MPG)
1 Rev	0.1-1mm	0.1-1mm
Automatic Down Feed Rate	0.001-0.01mm	0.001-0.01mm
Power Head Increment	1000mm/min	1000mm/min
Spindle Motor	2.2kW	2.2kW
Coolant System	40w	40w
Hydraulic Motor	0.75kW	0.75kW
Transverse Servo Motor	0.75kW	0.75kW
Vertical Servo Motor	1kW	1kW
Floor Space	1600 × 2300mm	1600 × 2300mm
Machine Dimensions	2000 × 2100 × 2150mm	2000 × 2100 × 2150mm
Net Weight	1600kg	1700kg

Standard Accessories:

- PLC Model SIMATIC S7-200 SMART CPU ST30
- Siemens Touch Screen
- 2 Axis DRO 1 micron
- Fine Pole Electromagnetic Chuck
- Parallel Overhead Wheel Dresser
- Magnetic Separator
- LED Light
- Grinding Wheel Cover
- Magnetiser/Demagnetiser
- Semi Enclosed Guard
- Oil Tank with Guard
- 3 Color Alarm Light for Grinding End
- Levelling Wedge
- Balancing Stand and Arbor
- Tool Box
- Operation Manual

Optional Accessories:

- Paper Filter
- Paper Filter System with Magnetic Separator
- Dust Suction System
- Radius Dresser
- Sine Vice
- Precision Toolmaker Vice

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