



Features:

- Z axis 0.001mm minimum feed rate (Dial 0.001mm division)
- Auto cross minimum feed rate 0.001mm
- 40mm Dia Y Axis Ballscrew
- Proximity Sensor For Longitudinal Movement
- Automatic Machine Stop when grinding completed
- Rapid Up/Down Button
- Oil Tank

Model	ZB4088W	ZB40120W	ZB40160W
Working Surface of Table	1000 × 2200mm	1000 × 3000mm	1000 × 4000mm
Max. Table Travel	2200mm	3000mm	4000mm
Max. Cross Travel	1000mm	1000mm	1000mm
Distance Between Table Surface and Spindle Center	920mm	920mm	920mm
Max. Table Load	4000kg	5000kg	5000kg
T-Slot (Number × Width)	3 × 18mm	3 × 18mm	3 × 18mm
Table Speed	5~25m/min	5~25m/min	5~25m/min
Crossfeed Handwheel			
1 Grad	0.001mm	0.001mm	0.001mm
1 Rev	0.1-1mm	0.1-1mm	0.1-1mm
Automatic Crossfeed Rate	1-50mm	1-50mm	1-50mm
Crossfeed Speed	50-2000mm/min	50-2000mm/min	50-2000mm/min
Grinding Wheel Dimensions	500 × 100 × 305mm	500 × 100 × 305mm	500 × 100 × 305mm
Spindle Speed			
50Hz	960rpm	960rpm	960rpm
60Hz	1150rpm	1150rpm	1150rpm
Vertical Handwheel			
1 Grad	0.001mm	0.001mm	0.001mm
1 Rev	0.1-1mm	0.1-1mm	0.1-1mm
Automatic Down Feed Rate	0.001-0.01mm	0.001-0.01mm	0.001-0.01mm
Power Head Increment MPG	50-2000mm	50-2000mm	50-2000mm
Spindle/Quill Assembly Dia	180mm	180mm	180mm
Spindle Motor	22kW	22kW	22kW
Coolant System	125w	125w	125w
Hydraulic Motor	7.5kW	7.5kW	7.5kW
Transverse Servo Motor	3kW	3kW	3kW
Vertical Servo Motor	3kW	3kW	3kW
Floor Space	7200 × 5200mm	8700 × 5200mm	10200 × 5200mm
Machine Dimensions	7200 × 5200 × 2500mm	8700 × 5200 × 2500mm	10200 × 5200 × 2500mm
Net Weight	13000kg	14000kg	18000kg

Standard Accessories:

- PLC Model SIMATIC S7-200 SMART CPU ST30
- Siemens Touch Screen
- MPG
- 2 Axis DRO 1 Micron
- Fine Pole Electromagnetic Chuck
- Hydraulic Parallel overhead wheel dresser
- Magnetic Separator
- LED Light
- Grinding Wheel Cover
- Magnetiser/Demagnetiser
- Fully 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
- 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.