



#### 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                                             | ZB1640W              |
|---------------------------------------------------|----------------------|
| Working Surface of Table                          | 406 × 1020mm         |
| Max. Table Travel                                 | 1130mm               |
| Max. Cross Travel                                 | 450mm                |
| Distance Between Table Surface and Spindle Center | 580mm                |
| Max. Table Load                                   | 600kg                |
| T-Slot (Number × Width)                           | 3 × 14mm             |
| Table Speed                                       | 5~25m/min            |
| <b>Crossfeed Handwheel</b>                        |                      |
| 1 Grad                                            | 0.001mm (MPG)        |
| 1 Rev                                             | 0.1-1mm              |
| Automatic Crossfeed Rate                          | 1-18mm               |
| Crossfeed Speed                                   | 0-1000mm/min         |
| Grinding Wheel Dimensions                         | 350 × 40 × 127mm     |
| <b>Spindle Speed</b>                              |                      |
| 50Hz                                              | 1450rpm              |
| 60Hz                                              | 1745rpm              |
| <b>Vertical Handwheel</b>                         |                      |
| 1 Grad                                            | 0.001mm (MPG)        |
| 1 Rev                                             | 0.1-1mm              |
| Automatic Down Feed Rate                          | 0.001-0.01mm         |
| Power Head Increment                              | 1000mm/min           |
| Spindle/Quill Assembly Dia                        | 120mm                |
| Spindle Motor                                     | 4kW                  |
| Coolant System                                    | 125w                 |
| Hydraulic Motor                                   | 2.2kW                |
| Transverse Servo Motor                            | 1kW                  |
| Vertical Servo Motor                              | 0.6kW                |
| Floor Space                                       | 4400 × 2400mm        |
| Machine Dimensions                                | 2950 × 2270 × 2210mm |
| Net Weight                                        | 3600kg               |

#### 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.