



Brierley Surface Grinding Machines

- Includes Digital Readout on Standard Models
- ZB1020TS includes Siemens Touch Screen Control Panel and servo downfeed with precision ballscrew



Model	ZB1020	ZB1020TS
Working Surface of Table	255 x 510mm	255 x 510mm
Max: Table Travel	560mm	560mm
Max Cross Travel	280mm	280mm
Distance between Table & Spindle Centre	535mm	535mm
Max Table Load	300kg	300kg
Table Speed	5-25m/min	5-25m/min
Nos of T Slots	1	1
Size of T Slots	14mm	14mm
Cross feed Hand wheel – 1 grad	0.02mm	0.02mm
Cross feed Hand wheel – 1 rev	5mm	5mm
Automatic Cross feed of Saddle	0.5-12mm	0.5-12mm
Power Cross Feed 50Hz	790mm	790mm
Power Cross Feed 60Hz	950mm	950mm
Grinding Wheel	200 x 25 x 32/31.75mm	200 x 25 x 32/31.75mm
Spindle Speed 50Hz	2850rpm	2850rpm
Spindle Speed 60Hz	3420rpm	3420rpm
Vertical hand wheel – 1 grad	0.01	0.01
Vertical Hand wheel – 1 rev	2mm	2mm
Auto Down Feed Elevation	0.002-0.2mm	0.002-0.2mm
Spindle Motor	2.2kw (2.95hp)	2.2kw (2.95hp)
Hydraulic Motor	1.5kw (2.01hp)	1.5kw (2.01hp)
Dust Collection Motor	550w	550w
Coolant Motor	90w	90w
Cross Feed Motor	60w	60w
Floor Space	1900 x 2300mm	1900 x 2300mm
Overall Dimensions	1960 x 1610 x 2140mm	1960 x 1610 x 2140mm
Net Weight	1680kg	1680kg

- Heavy Duty Casting
- Direct Drive Spindle
- Auto Lube
- High Capacity Table Load
- Easy to Operate

STANDARD ACCESSORIES:

- ✓ Digital Readout
- ✓ Splash Guard
- ✓ Wheel Guard
- ✓ Electromagnetic Chuck
- ✓ Demagnetiser
- ✓ Coolant System
- ✓ Lamp
- ✓ Manual and Parts List

OPTIONAL ACCESSORIES:

- Dust Suction System
- Magnetic Chucks
- Paper Filter System
- Magnetic Filter System
- Overhead Wheel Dresser
- Radius Angle Dresser
- Wheel Balance Arbor
- Wheel Balance Base
- Sine Vice
- Precision Toolmakers Vice

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