



Brierley Universal Grinding Machine



- Tool Sharpening
- Internal Grinding
- External Grinding
- Surface Grinding

- Hydraulic Feed
- Heavy Duty Construction

STANDARD ACCESSORIES:

- ✓ Universal Chuck
- ✓ Former Top
- ✓ Back Centre
- ✓ Universal Rest
- ✓ Universal Vice
- ✓ Head Stock
- ✓ Internal Grinding
- ✓ Gear Shaper Cutter Grinding Spindle
- ✓ Centering Device
- ✓ Wheel Dressers
- ✓ Balancer
- ✓ Head Carrier
- ✓ Small Wheel Chuck
- ✓ Big Wheel Chuck
- ✓ Small and Large Socket Wrench
- ✓ Unloading Chuck Wrench
- ✓ Small Grinding Wheel Cover
- ✓ Big Grinding Wheel Cover
- ✓ Machine Installation with Chassis Screw
- ✓ MT2 Sleeve
- ✓ 3 Jaw Chuck
- ✓ Chuck Connector
- ✓ Inner Hexagon Screw
- ✓ Chuck Wrench
- ✓ MT3 Sleeve

OPTIONAL ACCESSORIES:

- Arc Tool
- Collet Chuck
- Bulb Tool
- Arc Grinding Tool
- Drill Tool
- Permanent Magnetic Chuck
- Electric Vacuum Cleaner

Max. Swing Diameter of Work Table	250mm
Distance Between Front and Rear Tail stocks	630mm
Distance Between Rear Tail stocks and Universal Clamping Head Tail stock	480mm
Distance Between Rear Tail stocks and Head Tail stock	480mm
Wheel Head Spindle Speed	3000, 5600rpm
Rotation Speed of Internal Cylinder Wheel Head	12000rpm
Work Table Overall Dimensions	900x135mm
Work Table Max. Swing Angle	30°
Work Table Longitudinal Travel	400mm
Work Table Hydraulic Travel Speed	0.1-6m/min
Wheel Head Horizontal Swing Angle	360°
Wheel Head Vertical Swing Angle	±15°
Wheel Head Max. Vertical Travel	210mm
Wheel Head Max. Transverse Travel Per Rotation (Roughness/Finishing)	0.02mm/0.005mm
Wheel Head Hand Wheel Vertical Feed per Rotation	2mm
Wheel Head Hand Wheel Vertical Feed per Graduate	0.01mm
Wheel Head Spindle End Taper	01:05
Wheel Head Spindle Motor Rotation	2800rpm
Grinding Ranges Piece Diameter (External Cylinder Piece)	5-50mm
Grinding Ranges Piece Diameter (Internal Cylinder Piece)	10-50mm
Grinding Ranges Piece Diameter (Tool Cutter)	250mm
Grinding Ranges Max. Piece Length (External Cylinder Piece)	300mm
Grinding Ranges Max. Piece Length (Internal Cylinder Piece)	80mm
Grinding Ranges Max. Piece Length (Tool Cutter)	400mm
Headstock Taper Hole of Spindle	MT3
Working Table Size	135x90mm
Overall Dimensions	1350x1340x1300mm
Net Weight	1150kg

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