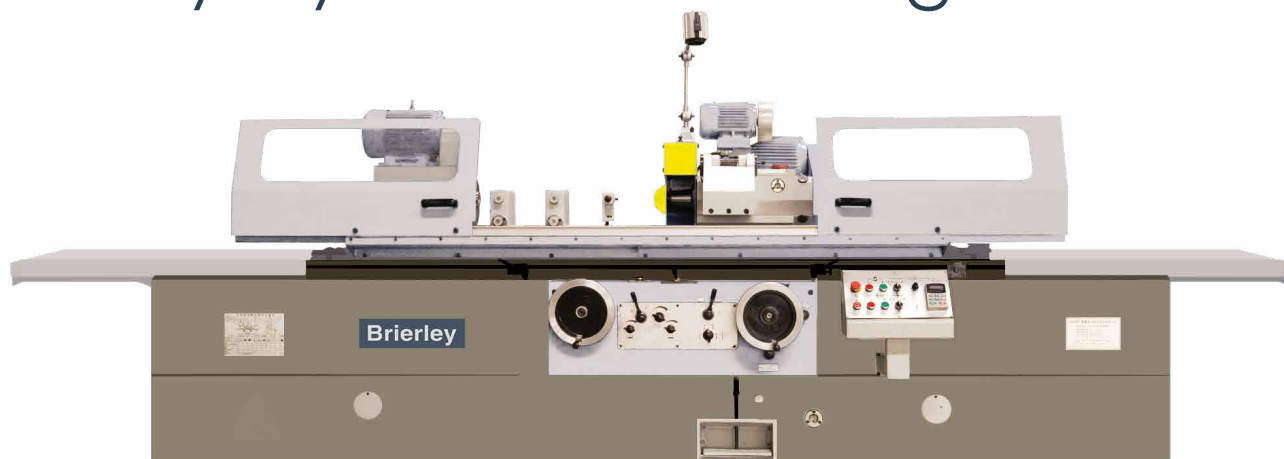




Brierley Cylindrical Grinding Machines



STANDARD ACCESSORIES:

- ✓ Work Light
- ✓ Balancing Stand
- ✓ Coolant System
- ✓ 3 Jaw Chuck
- ✓ Tail stock
- ✓ Work head
- ✓ Dresser
- ✓ Grinding Wheel
- ✓ Internal Grinding Equipment

OPTIONAL ACCESSORIES:

- Magnetic Separator
- Closed Steady Rest
- Paper Filter
- Magnetic Separator with Paper Filter
- Radial Dresser

Model	UG20	UG32	UG50	UG63
Distance between centres	500,750mm	1000,1500 2000,3000mm	1500,2000,3000mm	2000,3000 4000mm
Centre height	135mm	180mm	270mm	350mm
Dia. Ground(O.D)	5-200mm	8-320mm	25-500mm	30-630mm
Max. length ground(O.D)	500,750mm	1000,1500 2000,3000mm	1500,2000,3000mm	3000,4000mm
Max. weight of work piece	100kg	150kg	1000kg	1500kg
Swivelling angle	+90°	+90°	+90°	+90°
Centre taper	4MT	4MT	4MT	6MT
Spindle speed	50HZ:25-380r/min	50HZ:25-220r/min	50HZ:20-224r/min	50HZ:10-100r/min
Wheel spindle speed	1670rpm	1670rpm	1330/665rpm	870rpm
Wheel head rapid travel	50mm	50mm	100mm	100mm
Max. travel	205mm	246mm	370mm	438mm
Swivelling angle	±30°	±30°	±30°	±30°
Hand feed per.rev	rough:2mm fine:0.5mm	rough:2mm fine:0.5mm	rough:4mm fine:0.5mm	rough:4mm fine:0.5mm
Hand feed per gra.	rough:0.01mm fine:0.0025mm	rough:0.01mm fine:0.0025mm	rough:0.02mm fine:0.0025mm	rough:0.02mm fine:0.0025mm
Wheel size Max.dimension of wheel(OD*W*ID)	400*50*203mm	400*50*203mm	500*75*305mm	750*75*305mm
Wheel peripheral velocity	35m/s	35m/s	35/17.5m/s	35m/s
Hand feed per.rev	6mm	6mm	5mm	5mm
Max.Swivelling angle(clockwise)	3°	3°(500,750,1000,1500), 2°(2000,3000)	3°(1500) 2°(2000,3000)	2°(2000,3000) 1°(4000,5000)
Max.Swivelling angle(anticlockwise)	9°(750),8°(500)	9°(1000),6°(1500) 5°(2000),3°(3000)	6°(1500),5°(2000) 3°(3000)	5°(2000),3°(3000) 2°(4000)
Longitudinal traverse speed of table	0.1-4m/min	0.1-4m/min	0.1-3m/min	0.1-3m/min
Tail Stock Taper	4MT	4MT	6MT	6MT
Quill travel	30mm	30mm	70mm	70mm
Wheel head motor power	4kw (5.36hp)	5.5kw (7.37hp)	5kw (6.7hp) /7.5kw (10.05hp)	18.5kw(25.16hp)
Internal grinding	1.1kw (1.47hp)	1.1kw (1.47hp)	1.5kw (2.01hp)	1.5kw (2.01hp)
Work head motor power	0.75kw(1hp)	1.5kw(2.01hp)	4kw(5.36h)	5.5kw(7.48hp)

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