



Brierley Centreless Grinding Machines



STANDARD ACCESSORIES:

- ✓ Roller and Ball Bearings
- ✓ Grinding Wheel + Flange
- ✓ Regulating Wheel + Flange
- ✓ In feed Work Rest
- ✓ Thru feed Work Rest
- ✓ Coolant
- ✓ Diamond Trueing Tool
- ✓ Work Lamp
- ✓ Toolbox
- ✓ Operation Manual and Parts List

OPTIONAL ACCESSORIES:

- Hydrostatic Bearings
- Manual Work Feeder for In feed Grinding
- Work Ejector
- Oil Mist Separator
- Grinding Wheel Face Dressing Unit
- Hydro cyclone Coolant Filter
- Paper Filter
- Magnetic Coolant Separator
- Rotary Type Dressing Unit
- Support for Long Bar Grinding
- Hydraulic Oil Cooler
- Profile Template
- Wheel Balancing Stand and Arbor
- Auto Unloading Attachment for Thru feed Grinding
- Auto Loading Attachment for Thru feed Grinding
- Auto Unloading Attachment for In feed Grinding
- Auto Loading Attachment for In feed Grinding

Model	CLG300VS	CLG500VS	CLG500VS+
Grinding Range Diameter	1-30mm	2-50mm	2-50mm
Grinding Wheel Size	305x150x120mm	455x205x228.6mm	510x205x304.8mm
Regulating Wheel Size	230x150x127mm	280x205x139.7mm	305x205x177.8mm
Grinding Wheel Speed	2000m/min	2000m/min	2000m/min
Regulating Wheel Speed	10-3000rpm	10-3000rpm	10-3000rpm
Grinding Wheel Motor	5.5kw (7.5hp)	11kw (15hp)	15kw (20hp)
Regulating Wheel Motor	1.3kw (1.75hp)	1.8kw (2.4hp)	2.9kw (3.9hp)
Hydraulic Pump Motor	0.75kw (1hp)	0.75kw (1hp)	0.75kw (1hp)
Coolant Pump Motor	0.1kw (0.125hp)	0.19kw (0.25hp)	0.19kw (0.25hp)
Grinding wheel Size	3.5(rev) 0.05(grad)	3.5(rev) 0.05(grad)	3.5(rev) 0.05(grad)
Upper Slide Feed Graduation	0.1 (rev) 0.001 (grad)	0.1 (rev) 0.001 (grad)	0.1 (rev) 0.001 (grad)
Upper Slide Micro Feed Graduation	10(rev) 0.05(grad)	10(rev) 0.05(grad)	10(rev) 0.05(grad)
Lower Slide Feed Graduation	0.2(rev) 0.001 (grad)	0.2(rev) 0.001 (grad)	0.2(rev) 0.001 (grad)
Lower Slide Micro Feed Graduation	1.25(rev) 0.01 (grad)	2(rev) 0.01 (grad)	2(rev) 0.01 (grad)
Dressing Device Regulation	+/-5°	+/-5°	+/-5°
Regulating Wheel Tilt angle	+/-5°	+/-5°	+/-5°
Regulating Wheel Swivel Angle	1900x1550x1420mm	2300x1800x1600mm	2500x2150x1600mm
Machine Dimensions	1700kg	3300kg	3900kg

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