



Centerless Cylindrical Grinding CLG



- A heavy Meehanite cast frame, heat treated and relaxed, provides a solid foundation for the CLG centerless cylindrical grinder
- All guideways are hardened and precision ground to ensure consistent accuracy and wear resistance
- The grinding and regulating spindle is made of high quality steel SNCM-220 after deep hardening (HRC62) and grinding process particularly suited for years of tough production conditions
- The spindles are made of SNCM-4 material and provide specially designed spindle feed rate accuracies of the highest quality
- A wide range of options are available for your special application needs upon request



Standard configuration

- ✓ Grinding wheel stand with Carbide blade for plunge grinding
- ✓ Regulating wheel
- ✓ Work piece support stand with Carbide area for through feed grinding
- ✓ Diamond dresser
- ✓ Coolant system
- ✓ Work piece support
- ✓ Separate hydraulic unit with oil/air cooling
- ✓ Work light
- ✓ Tool kit
- ✓ Operation manual

Optional configuration

- CNC or NC control with touch-screen display
- Coolant system with paper filter and magnetic separator
- Ejector for plunge grinding
- Balancing stand
- Guide unit for rod
- through feed grinding
- Automatic feed device
- Automatic grinding wheel balancing system, various sizes and grit
- Automatic loading and unloading

Specifications		CLG 40 1.6"	CLG 50 2"	CLG 80 3"
Grinding capacity	mm	Ø1-40 [opt. Ø30-60] (0.04-1.6" [opt. 1.2-2.4"])	Ø1-50 [opt. Ø40-100] (0.04-2" [opt. 1.6-3.9"])	Ø1-80 [opt. Ø40-150] (0.04-3" [opt. 1.6-6"])
Grinding wheel dimensions	mm	Ø305x150xØ120 (12x6x5")	Ø405x205xØ203 (16x8x8")	Ø305x150xØ120 (12x6x5")
Regulating wheel dimensions	mm	Ø205x150xØ90 (8x6x3.5")	Ø255x205xØ111 (10x8x4.4")	Ø255x205xØ111 (10x8x4.4")
Grinding spindle speed	rpm	1900	1600	1260
Regulating wheel speed	rpm	2-337 (10 steps)	13-308 (10 steps)	13-308 (10 steps)
Drive power grinding/regulating wheel	kW	5.5/0.75 (7.5/1 Hp)	7.5/1.5 (10/2 Hp)	11/1.5 (15/2 Hp)
Swivel range	deg	+5° - -3°	+5° - -3°	+5° - -3°
Adj. range of regulating wheel	deg	+/-5°	+/-5°	+/-5°
Dimensions (L/W/H)	mm	1750x1050x1400 (69x41x55")	2100x1700x1500 (83x67x59")	2200x1840x1530 (87x72x60")
Weight	kg	1650 (3,630 lbs)	2400 (5,280 lbs)	2900 (6,380 lbs)
Item No.		3100036	3100037	3100038

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.