



# Centerless grinder CLG

- A heavy Meehanite cast frame, heat treated and relaxed, provides a solid foundation
- All guideways are hardened and precision ground to ensure consistent accuracy and wear resistance



## Standard configuration

- Tools and toolbox
- Standard coolant tank
- Diamond dresser
- Levelling bolts and blocks
- Grinding wheel with flange
- Spindle lubrication system w/ cooling fan
- Thrufeed workrest
- Infeed workrest

## Optional configuration

- Vibration feeder auto loading system
- Auto unloading system for thrufeed grinding
- Forming attachment
- Hydraulic forming attachment
- Coolant system with magnetic separator & paper filter
- Infeed grinding
- workpiece eject attachment (hydraulic / pneumatic)
- Auto loading system for thrufeed grinding
- Hopper type auto loading system for thrufeed grinding
- Minor diameter workrest (dia. 0.7~8mm)



Specifications			CLG			
			301206	601808 601810 601812	602008 602010 602012	602408 602410 602412
			1.1"	2.3"	2.3"	3.1"
Grinding Capacity	Work diameter (standard)	mm	Ø1-30 (0.03-1.18")	Ø1-60 (0.03-2.3")		Ø1-80 (0.03-3.15")
	Work diameter (special)	mm	Ø30-50 (1.18-1.96")	Ø60-100 (2.3-3.9")		Ø80-150 (3.15-5.9")
	Auto infeed min. increment	mm	0.0001 (0.000003")			
Grinding Wheel	Wheel size (OD x Width x ID) 08type	mm	305x150x120 (12x6x4.72")	455x205x228.6 (18x8x9")	510x205x304.8 (20x8x12")	610x205x304.8 (24x8x12")
	Wheel size (OD x Width x ID) 10type	mm	-	455x255x228.6 (18x10x9")	510x255x304.8 (20x10x12")	610x255x304.8 (24x10x12")
	Wheel size (OD x Width x ID) 12type	mm	-	455x305x228.6 (18x12x9")	510x305x304.8 (20x12x12")	610x305x304.8 (24x12x12")
	Motor rated power	kw/ Nm	5.5 (7.5 Hp) [opt. 7.5 (10 Hp)]	11 (15 Hp) [opt. 15 (20 Hp)]	15 (20 Hp) [opt.18.75 (25 Hp)]	
Regulating Wheel	Spindle speed	rpm	2080	1400	1250	1050
	Wheel size (OD x Width x ID) 08type	mm	205x150x90 (8"x6"x3.5")	255x205x111.2 (10x8x4.3")	305x205x127 (12x8x5")	355x205x152.4 (14x8x6")
	Wheel size (OD x Width x ID) 10type	mm	-	255x255x111.2 (10x10x4.3")	305x255x127 (12x10x5")	355x255x152.4 (14x10x6")
	Wheel size (OD x Width x ID) 12type	mm	-	255x305x111.2 (10x12x4.3")	305x305x127 (12x12x5")	355x305x152.4 (14x12x6")
	Regulating wheel motor	kW	3 (4 Hp)		5 (7 Hp)	
	Spindle speed	rpm	15-310			
	Swivelling angle (L/R)	deg	±5°			
	Min. infeed unit	mm	0.001 (0.00003")			
Inclining angle (F/R)	deg	+5° ~ -3°				
Hydraulic motor	kW	0.75 (1 Hp)				
Weight	kg	1800 (3968 lbs)	3300 (7300 lbs)	3400 (7500 lbs)	6100 (13,400 lbs)	
Dimensions (L/W/H)	mm	2260x1950x1820 (89x76x71")	2700x2240x1850 (106x88x73")		3580x2240x2070 (141x88x81")	
Item No.		<b>3100068</b>	<b>3100069</b>	<b>3100070</b>	<b>3100071</b>	
		<b>3100072</b>	<b>3100073</b>	<b>3100074</b>	<b>3100075</b>	
		<b>3100076</b>	<b>3100077</b>	<b>3100078</b>	<b>3100079</b>	

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