



NC centerless grinder CLG NC



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 (forming plates)
- Hydrostatic spindle bearings
- 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
- Balancing stand/ arbor
- Minor diameter workrest (dia. 0.7~8mm)

- Grinding and control spindle are hardened and have friction bearings
- Frequency-controlled regulating wheel drive by OS motor
- Hydraulically driven dressing devices for grinding and regulating wheel

Specifications			CLG CNC			
			301206	601808 601810 601812	602008 602010 602012	602408 602410 602412
			1.1"	2.3"	2.3"	3.1"
Grinding Capacity	Work diameter (standard workrest)	mm	Ø1-30 (0.03-1.18")	Ø1-60 (0.03-2.3")		Ø1-80 (0.03-3.15")
	Work diameter (special workrest)	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")	10x305x304.8 (24x12x12")
	Motor rated power	kw	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")
	Motor	kW	3 (4 Hp)		5 (7 Hp)	
	Spindle speed (infinite variable)	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)	
PDimensions (L/W/H)	mm	2260x1950x1820 (89x76x71")	2700x2240x1850 (106x88x73")		3580x2240x2070 (141x88x81")	
Item No.		3100059	3100060	3100061	3100061	
			3100062	3100063	3100064	
			3100065	3100066	3100067	

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