KAAST

CLG CNC

601808 | 601810 | 601812 | 602008 | 602010 | 602012

CNC Centerless Grinder with FANUC Controller

STANDARD CONFIGURATION

- FANUC 0i-TF Controller
- Coolant Tank
- Diamond Dresser
- Grinding Wheel with Flange
- Spindle Lubrication System w/ Cooling Fan
- Thru-Feed Workrest and Infeed Workrest
- Leveling Bolts and Blocks

OPTIONAL CONFIGURATION

- Auto Loading System
- Auto Unloading System
- Profile Attachment
- Hydrostatic Spindle Bearings
- Coolant System
- Thru-Feed Grinding Hopper
- Balancing Stand /Arbor

This CLG CNC is equipped with a modern **FANUC 0i-TF** controller and **digital drive package** (drives, axis, servos), this system supports up to **6 CNC axes** (X/Y/Z/A/B/C) and features **variable speed control** for the regulating wheel. The speed can be set digitally to reach constant surface speeds even when the diameter of the regulating wheel changes.

CLG CNC			601808 601810 601812	602008 602010 602012
			2.3”	2.3”
Grinding Capacity	Work Diameter (Standard Workrest)	mm	Ø1-60 (0.04-2.3”)	
	Work Diameter (Special Workrest)	mm	Ø60-100 (2.3-3.9”)	
	Auto infeed min. increment	mm	0.0001 (0.000003”)	
Grinding Wheel	Wheel Size (OD x Width x ID) 08type	mm	455x205x228.6 (18x8x9”)	510x205x304.8 (20x8x12”)
	Wheel Size (OD x Width x ID) 10type	mm	455x255x228.6 (18x10x9”)	510x255x304.8 (20x10x12”)
	Wheel Size (OD x Width x ID) 12type	mm	455x305x228.6 (18x12x9”)	510x305x304.8 (20x12x12”)
	Motor Rated Power	kw	11 (15 Hp) [Opt. 15 (20 Hp)]	15 (20 Hp) [Opt.18.75 (25 Hp)]
	Spindle Speed	rpm	1400	1250
Regulating Wheel	Wheel Size (OD x Width x ID) 08type	mm	255x205x111.2 (10x8x4.3”)	305x205x127 (12x8x5”)
	Wheel Size (OD x Width x ID) 10type	mm	255x255x111.2 (10x10x4.3”)	305x255x127 (12x10x5”)
	Wheel Size (OD x Width x ID) 12type	mm	255x305x111.2 (10x12x4.3”)	305x305x127 (12x12x5”)
	Regulating Wheel Motor	kW	3 (4 Hp)	
	Spindle Speed (Infinite Variable)	rpm	15-310	
	Swivelling Angle (L/R)		±5°	
	Min. Infeed Unit	mm	0.001 (0.00003”)	
	Inclining Angle (F/R)		+5° ~ -3°	
Hydraulic Motor		kW	0.75 (1 Hp)	
Weight		kg	3300 (7,300 lbs)	3400 (7,500 lbs)
Dimensions (L/W/H)		mm	2700x2240x1850 (106x88x73”)	
Item No.			3100050	3100051
			3100053	3100054
			3100056	3100057

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