



CNC cylindrical grinder

CRG-A

Plunge type with angular head

- Heavy Meehanite cast frame
- Guideways hardened and ground
- High-precision spindle bearing
- Spindle made of SNCM-220 steel (HRC 62)



Standard configuration

- Fanuc CNC control (2 axes)
- Including grinding wheel flange (Balanced and mounted)
- Precision glass scale in the X-axis
- Diamond dresser (can be mounted on the table)
- Separate hydraulic unit with oil/air cooling
- Coolant system
- Work zone halogen lighting
- Fixed centers (2 pcs)
- Operating tools
- Manual

Specifications			CRG-A			
			380/600 A 500/600 A 15/19" x 24"	380/1000 A 500/1000 A 15/19" x 39"	380/1500 A 500/1500 A 15/19" x 59"	380/2000 A 500/2000 A 15/19" x 78"
Swing over table	CRG-A 380	mm	Ø380 (15")			
	CRG-A 500	mm	Ø500 (19.6")			
Max grinding diameter	CRG-A 380	mm	Ø380 (15")			
	CRG-A 500	mm	Ø480 (19")			
Distance between centers		mm	600 (23.6")	1000 (39")	1500 (59")	2000 (78")
Max load between centers		kg	150 (330 lbs)			250 (550 lbs)
GRINDING WHEEL						
Diameter x width x bore		mm	Ø510 x 50-100 x Ø152.4 (20x2-4 x6")			
Motor rated power		kW	7.5 (10 Hp) [opt. 11 (15 Hp)]			
Wheel speed		rpm	1250 [opt. 1650]			
Swiveling angle		deg	90°			
WORKHEAD						
Spindle speed (infinitely variable)		rpm	10 ~ 600			
Motor rated power		kW	1.5 (2 Hp)			
Center taper			MT 4 [opt. MT5]			
TAILSTOCK						
Quill travel		mm	25 (1") [opt. 50/75 (2/3")]			
Center taper			MT 4 [opt. MT5]			
X Axis	Travel	mm	270 (10.6")			
	Max feed rate	m/min	6 (236"/min)			
	Minimum increment	mm	0.0001 (0.000004")			
Z axis	Travel	mm	850 (33.5")	1250 (49.25")	1850 (73")	2450 (96.5")
	Swiveling angle	deg	± 9°	± 7°		± 5°
	Max feed rate	m/min	10 (394"/min)			
	Minimum increment	mm	0.0001 (0.000004")			
Weight	CRG-A 380	kg	5600 (12,320 lbs)	6000 (13,200 lbs)	6400 (14,080 lbs)	6800 (14,960 lbs)
	CRG-A 500	kg	5800 (12,760 lbs)	6100 (13,420 lbs)	6500 (14,300 lbs)	6900 (15,180 lbs)
Item No. Model 380			3100045	3100046	3100047	3100048
Item No. Model 500			3100049	3100050	3100051	3100052

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