



CNC cylindrical grinder

CRG-A

Plunge type with angular head



- Heavy Meehanite cast frame
- Guideways hardened and ground
- High-precision hydrostatic 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

	CRG-A			
Specifications	380/600 A	380/1000 A	380/1500 A	380/2000 A
	15 x 24"	15 x 39"	15 x 59"	15 x 78"
	500/600 A	500/1000 A	500/1500 A	500/2000 A
	19x24"	19 x 39"	19 x 59"	19 x 78"
SWING OVER TABLE				
CRG-A 380	mm	Ø380 (Ø15")		
CRG-A 500	mm	Ø500 (Ø19.5")		
MAX GRINDING DIAMETER				
CRG-A 380	mm	Ø380 (Ø15")		
CRG-A 500	mm	Ø480 (Ø19")		
Distance between centers	mm	600 (23.6")	1000 (39")	1500 (59")
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 (Ø20 x 2-4 x 6")		
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")
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)
CRG-A 500	kg	5800 (12,760)	6100 (13,420 lbs)	6500 (14,300 lbs)
Item No.		3100040	3100043	3100044

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