



CYLINDRICAL GRINDER CNC SERIES



SPECIFICATIONS

G32P-100CNC

G20P-50CNC

Unit:mm (inch)

DESCRIPTION / MODEL		G20P / G25P - 50CNC		G32P / G38P / G45P - 50 / 60 / 75 / 100 / 150 / 200 CNC						G25A - 35CNC	G32A / G38A / G45A-35 / 50 / 80 / 120CNC			
General capacity	Swing over table	Ø200 (Ø8")	Ø250 (Ø10")	Ø320 (12.6") / Ø380(Ø15") / Ø450 (Ø18")			Ø320 (12.6") / Ø380 (Ø15") / Ø450 (Ø18")			Ø250 (Ø10")	Ø320 (Ø12.6) / Ø380 (Ø15") / Ø450 (Ø18")			
	Distance between centers	500 (20")		500 (20")	600 (24")	750 (30")	1000 (40")	1500 (60")	2000 (80")	350 (14")	350 (14")	500 (20")	800 (32")	1200 (48")
	Max. grinding diameter	Ø200 (Ø8")	Ø250 (Ø10")	Ø300 (Ø12") / Ø360 (Ø14") / Ø430 (Ø17")			Ø300 (Ø12") / Ø360 (Ø14") / Ø430 (Ø17")			Ø250 (Ø10")	Ø300 (Ø11.8") / Ø360 (Ø14.2") / Ø430 (Ø17")			
	Max. load held between centers	80 kgs (176 lbs)		150 kgs (330 lbs)			150 kgs (330 lbs)			80 kgs (176 lbs)	150 kgs (330 lbs)			
Grinding wheel	Diameter x width x bore	Ø355 x 25 ~ 50 x Ø127 (Ø14" x 1" ~ 2" x Ø5")	Ø455 x 50 x Ø127 (Ø18" x 2" x Ø5")	Ø510 x 50 ~ 100 x Ø152.4 (Ø20" x 2" ~ 4" x Ø6")			Ø510x50 ~ 100 x Ø152.4 (Ø20" x 2" ~ 4" x Ø6")			Ø510 x 50 x Ø127 (Ø20" x 2" x Ø5")	Ø 510 x 50 ~ 100 x Ø152.4 (Ø20" x 2" ~ 4" x Ø6")			
	Wheel speed	1940 rpm	1650 rpm	1390 rpm			1390 rpm			1650 rpm	1390 rpm			
	Max. peripheral speed	1800 M / min			1800 M / min			1800 M / min			2220 M / min			
Wheelhead	Sliding angle deg	90°			90°			90°			60°			
	Max. increment speed	Ø6 M / min (236)			Ø6 M / min (236)			Ø6 M / min (236)			Ø10 M / min (393)			
	Infeed travel	150 (6")	160 (6.3")	225 (9")			225 (9")			160 (6.3")	225 (9")			
	Min. increment infeed	Ø0.001 (Ø0.0001")			Ø0.001 (Ø0.0001")			Ø0.001 (Ø0.0001")			Ø0.001 (Ø 0.0001")			
Workhead	Spindle speed (Variable)	50 ~ 500 rpm		30 ~ 350 rpm			30 ~ 350 rpm			50 ~ 500 rpm	30 ~ 350 rpm			
	Center taper	MT 3		MT 4 (opt. MT 5)			MT 4 (opt. MT 5)			MT 3	MT 4 (opt. MT 5)			
	Spindle type	Fixed & Rotary			Fixed & Rotary			Fixed & Rotary			Fixed & Rotary			
	Diameter of bore	Ø20 (0.79")		Ø23 (0.9")			Ø23 (0.9")			Ø20 (0.79")	Ø23 (0.9")			
Tailstock	Quill travel	25 (1")			25 (1")			25 (1")			25 (1")			
	Center taper	MT 3		MT 4 (opt. MT 5)			MT 4 (opt. MT 5)			MT 3	MT 4 (opt. MT 5)			
Table	Rapid feedrate	8 M / min (315 in / min)		10 M / min (393 in / min)			10 M / min (393 in / min)			8 M / min (315 in / min)	10 M / min (393 in / min)			
	Min. increment feed	0.001 (0.0001")			0.001 (0.0001")			0.001 (0.0001")			0.001 (0.0001")			
	Swivelling angle C.C.W.	7°		9°			7°			5°	3°	7°	9°	7°
Motor	Wheel spindle motor	5 HP		7.5 HP (opt.10 HP)			7.5 HP (opt.10 HP)			7.5 HP	7.5 HP (opt. 10 HP)			
	Workhead motor	1 / 2 HP		2 HP			2 HP			1 / 2 HP	2 HP			
	Hydraulic pump	1 HP		2 HP			2 HP			1 HP	2 HP			
	Lubrication pump	1 / 4 HP			1 / 4 HP			1 / 4 HP			1 / 4 HP			
	Coolant pump	1 / 8 HP		1 / 4 HP			1 / 4 HP			1 / 8 HP	1 / 4 HP			
	Wheel (X axis) motor (fanuc)	1.2 KW			1.2 KW			1.2 KW			1.2 KW			
	Wheel (Z axis) motor (fanuc)	1.2 KW			1.2 KW			1.8 KW			1.2 KW			
Machine	Net weight (semi encloed)	2500 kgs (5500 lbs)	3100 kgs (6820 lbs)	5200 kgs (11440 lbs)	5600 kgs (12320 lbs)	5800 kgs (12760 lbs)	5800 kgs (12760 lbs)	6300 kgs (13860 lbs)	6700 kgs (14740 lbs)	3100 kgs (6820 lbs)	5200 kgs (11440 lbs)	5600 kgs (12320 lbs)	5800 kgs (12760 lbs)	6300 kgs (13860 lbs)
	Gross weight	2800 kgs (6160 lbs)	3500 kgs (7700 lbs)	5600 kgs (12320 lbs)	6420 kgs (14124 lbs)	7000 kgs (15400 lbs)	7500 kgs (16500 lbs)	7800 kgs (17160 lbs)	8200 kgs (18040 lbs)	3500 kgs (7700 lbs)	5600 kgs (12320 lbs)	6420 kgs (14124 lbs)	7500 kgs (16500 lbs)	7800 kgs (17160 lbs)
	Packing dimension (L x W x H)	2700 x 2250 x 2220 (106" x 89" x 87")	2970 x 2250 x 2250 (117" x 89" x 89")	4250 x 2280 x 2260 (167" x 90" x 89")	4760 x 2280 x 2260 (185" x 90" x 89")	3780 x 2300 x 2040 (152" x 92" x 80")	5280 x 2280 x 2280 (208" x 90" x 90")	5610 x 2280 x 2310 (220" x 90" x 91")	6360 x 2280 x 2310 (250" x 90" x 91")	2970 x 2250 x 2250 (117" x 89" x 89")	4250 x 2280 x 2260 (167" x 90" x 89")	4760 x 2280 x 2260 (185" x 90" x 89")	5280 x 2280 x 2280 (208" x 90" x 90")	5610 x 2280 x 2310 (221" x 90" x 91")