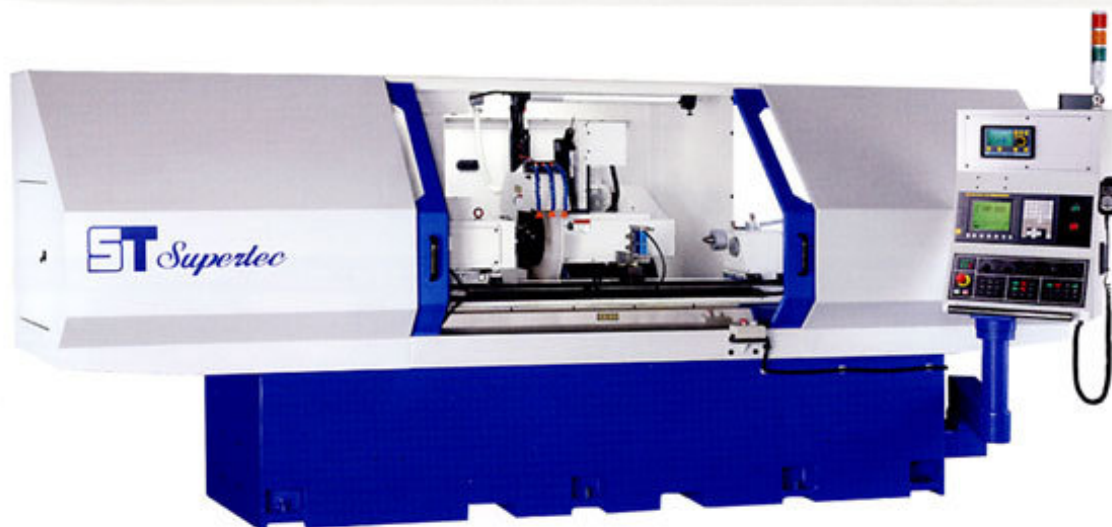


THE FINEST SOLUTION

PS&J
Supertec

**Precision
Grinding Machine**



G32P-100CNC

DESCRIPTION / MODEL		G20P / G25P - 50CNC		G32P / G38P /	
General capacity	Swing over table	Ø200 (Ø8")	Ø250 (Ø10")	Ø320 (12.6") / Ø380(Ø15") / Ø450 (Ø18")	
	Distance between centers	500 (20")		500 (20")	600 (24")
	Max. grinding diameter	Ø200 (Ø8")	Ø250 (Ø10")	Ø300 (Ø12") / Ø360 (Ø14") / Ø430 (Ø17")	
	Max. load held between centers	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")	
	Wheel speed	1940 rpm	1650 rpm	1390 rpm	
	Max. peripheral speed	1800 M / min			
Wheelhead	Sliding angle deg	90°			
	Max. increment speed	Ø6 M / min (236)			
	Infeed travel	150 (6")	160 (6.3")	225 (9")	
	Min. increment infeed	Ø0.001 (Ø0.0001")			
Workhead	Spindle speed (Variable)	50 ~ 500 rpm		30 ~ 350 rpm	
	Center taper	MT 3		MT 4 (opt. MT 5)	
	Spindle type	Fixed & Rotary			
	Diameter of bore	Ø20 (0.79")		Ø23 (0.9")	
Tailstock	Quill travel	25 (1")			
	Center taper	MT 3		MT 4 (opt. MT 5)	
Table	Rapid feedrate	8 M / min (315 in / min)		10 M / min (393 in / min)	
	Min. increment feed	0.001 (0.0001")			
	Swivelling angle C.C.W.	7°		9°	
Motor	Wheel spindle motor	5 HP		7.5 HP (opt. 10 HP)	
	Workhead motor	1 / 2 HP		2 HP	
	Hydraulic pump	1 HP		2 HP	
	Lubrication pump	1 / 4 HP			
	Coolant pump	1 / 8 HP		1 / 4 HP	
	Wheel (X axis) motor (fanuc)	1.2 KW			
	Wheel (Z axis) motor (fanuc)	1.2 KW			
Machine	Net weight (semi enclosed)	2500 kgs (5500 lbs)	3100 kgs (6820 lbs)	5200 kgs (11440 lbs)	5600 kgs (12320 lbs)
	Gross weight	2800 kgs (6160 lbs)	3500 kgs (7700 lbs)	5600 kgs (12320 lbs)	6420 kgs (14124 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")

SERIES



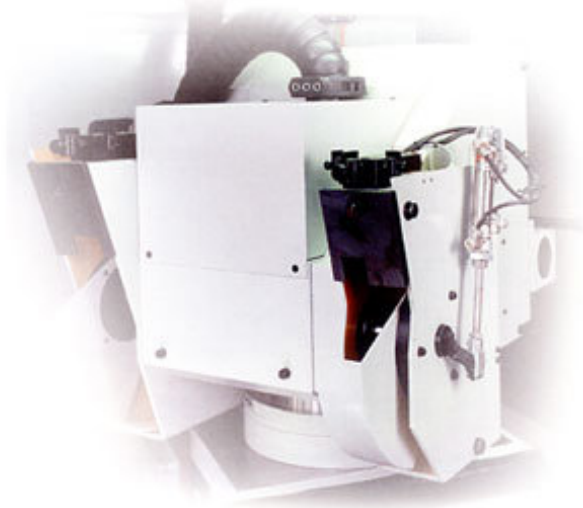
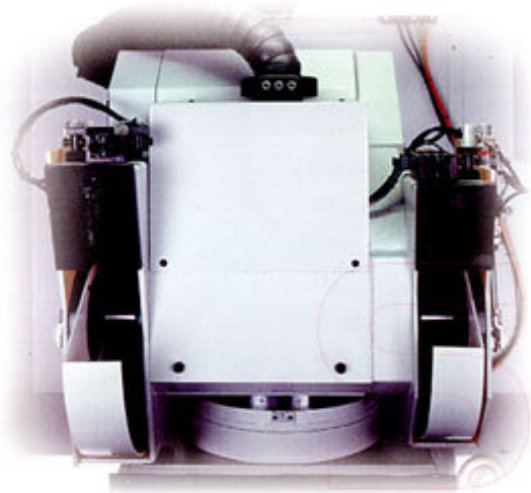
G20P-50CNC

Unit:mm (inch)

G45P - 50 / 60 / 75 / 100/ 150 / 200 CNC				G25A - 35CNC	G32A / G38A / G45A-35 / 50 / 80 / 120CNC			
Ø320 (12.6") / Ø380 (Ø15") / Ø450 (Ø18")				Ø250 (Ø10")	Ø320 (Ø12.6) / Ø380 (Ø15") / Ø450 (Ø18")			
750 (30")	1000 (40")	1500 (60")	2000 (80")	350 (14")	350 (14")	500 (20")	800 (32")	1200 (48")
Ø300 (Ø12") / Ø360 (Ø14") / Ø430 (Ø17")				Ø250 (Ø10")	Ø300 (Ø11.8") / Ø360 (Ø14.2") / Ø430 (Ø17")			
150 kgs (330 lbs)				80 kgs (176 lbs)	150 kgs (330 lbs)			
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")			
1390 rpm				1650 rpm	1390 rpm			
1800 M / min					2220 M / min			
90°					60°			
Ø6 M / min (236)					Ø10 M / min (393)			
225 (9")				160 (6.3")	225 (9")			
Ø0.001 (Ø0.0001")					Ø0.001 (Ø 0.0001")			
30 ~ 350 rpm				50 ~ 500 rpm	30 ~ 350 rpm			
MT 4 (opt. MT 5)				MT 3	MT 4 (opt. MT 5)			
				Fixed & Rotary				
Ø23 (0.9")				Ø20 (0.79")	Ø23 (0.9")			
25 (1")					25 (1")			
MT 4 (opt. MT 5)				MT 3	MT 4 (opt. MT 5)			
10 M / min (393 in / min)				8 M / min (315 in / min)	10 M / min (393 in / min)			
0.001 (0.0001")					0.001 (0.0001")			
7°	5°	3°		7°	9°	7°		5°
7.5 HP (opt.10 HP)				7.5 HP	7.5 HP (opt. 10 HP)			
2 HP				1 / 2 HP	2 HP			
2 HP				1 HP	2 HP			
1 / 4 HP					1 / 4 HP			
1 / 4 HP				1 / 8 HP	1 / 4 HP			
1.2 KW					1.2 KW			
1.2 KW		1.8 KW		1.2 KW	1.2 KW			
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)
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)
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 (250" 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")



CYLINDRICAL GRINDER CNC



GU-650CNC

UNIVERSAL SERIES

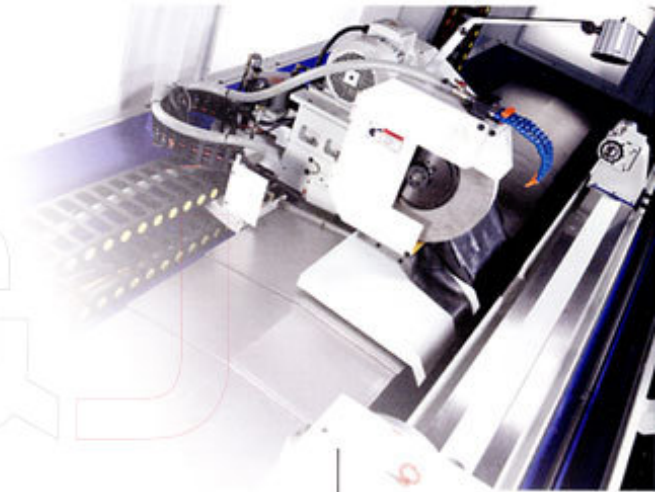
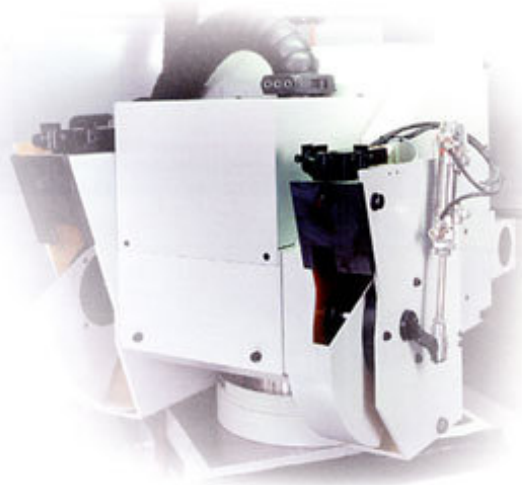
Unit:mm (inch)

DESCRIPTION / MODEL		GU-650	GU-1000
General capacity	Swing over table	Ø310 (Ø12.2")	
	Distance between centers	600 (24")	1000 (40")
	Max. grinding diameter	Ø300 (Ø12")	
	Max. load held between centers	100 kgs (220 lbs)	
Grinding wheel	Diameter X width X bore (LH)	Ø355 x 50 x Ø127 (Ø14" x 2" x Ø5") opt. Ø405 x 50 x Ø127 (Ø16" x 2" x Ø5")	
	Diameter X width X bore (RH)	Ø305 x 25 x Ø127 (Ø12" x 1" x Ø5")	
	Wheel speed	2065 rpm	
	Max. peripheral speed	1800 M/min (59 ft/min)	
Wheelhead	Swivelling angle	180°	
	Max. increment speed	10 M/min (393 in/min)	
	Infeed travel	250 (10")	
	Min. increment infeed	Ø0.001 (Ø0.0001")	
Workhead	Spindle speed (variable)	30 ~ 350 rpm	
	Center taper	MT 4 (opt. MT 5)	
	Spindle type	Fixed & Rotary	
	Diameter of bore	Ø23 (Ø0.9")	
Tailstock	Quill travel	25 (1")	
	Center taper	MT 3	
Table	Rapid feedrate	10 (393")	
	Min. increment feed	0.001 (0.0001")	
	Swivelling angle C.C.W.	9°	7°
	Swivelling angle C.W.	-9°	-7°
Motor	Wheel spindle motor	5 HP	
	Lubrication pump	1 / 4 HP	
	Coolant pump	1 / 4 HP	
	Servo motor for workhead	Fanuc 1.5 KW	
	Servo motor for infeed (X axis)	Fanuc 1.2 KW	
	Servo motor for infeed (Z axis)	Fanuc 1.2 KW	
Machine	Net weight	5600 kgs (12320 lbs)	5800 kgs (12760 lbs)
	Gross weight	6420 kgs (14124 lbs)	7500 kgs (16500 lbs)
	Packing dimension (L x W x H)	4760 x 2280 x 2260 (188" x 90" x 89")	5280 x 2280 x 2280 (208" x 90" x 90")



CYLINDRICAL GRINDER

CNC
WITH



S&S



G38TH-300CNC

TRAVERSE WHEELHEAD SERIES FANUC Oi-TC CONTROL

Unit:mm (inch)

DESCRIPTION / MODEL		G38TH-50CNC	G38TH-100CNC	G38TH-200CNC	G38TH-300CNC	G38TH-400CNC
General capacity	Max. grinding diameter	300 (12")				
	Max. grinding length	500 (20")	1000 (40")	2000 (80")	3000 (120")	4000 (160")
	Swing over table	380 (15")				
	Max. load held between centers	192 kgs (422 lbs)		650 kgs (1430 lbs)		
Grinding wheel	Diameter x width x bore	Ø510 x 50 x Ø152.4 (20" x 2" x 6")				
	Wheel speed	1250 rpm				
	Max. peripheral speed	33 M / sec				
Wheelhead	X axis	Sliding angle		90°		
		Automatic rapid traverse		6 M		
		Min. increment infeed		0.0001 (0.00004")		
	Z axis	Infeed travel		225 (8.9")		
		Rapid feedrate		0 - 150		
		Min. increment feed		0.0001 (0.00004")		
Workhead	Spindle speed	50 ~ 350 rpm				
	Center taper	MT 4		MT 6		
Tailstock	Quill travel	25 (1")		50 (2")		
	Center taper	MT 4		MT 5		
Motor	Wheel spindle motor	5.5 KW (opt. 7.5 KW)				
	Workhead spindle motor	1.2 KW				
	Hydraulic pump	0.75 KW				
	Coolant pump	0.18 KW				
	Wheel motor (Xaxis)	1.2 KW				
	Wheel motor (Zaxis)	1.2 KW		1.8 KW		
Machine	Packing dimension (L x W x H)	3930 x 2250 x 2450 (155" x 89" x 96")	5280 x 2280 x 2250 (208" x 90" x 89")	6360 x 2280 x 2250 (250" x 90" x 89")	6640 x 2280 x 2250 (261" x 90" x 89")	6980 x 2280 x 2360 (275" x 90" x 93")



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