



Представитель в России:
ООО «ПО ИП»
Тел: +7 (812)602-77-08
E-mail: info@poip.ru
www.poip.ru





SURFACE GRINDER STP SERIES



STP-1428ADS

DESCRIPTION / MODEL	
General capacity	Table size
	Max. grinding length
	Max. grinding width
	Distance from table surface to spindle center
	Max. table load (incl. chuck)
Longitudinal movement	Standard mag. chuck size
	Manual traverse
	Hydraulic traverse
Cross movement	Table speed (infi. variable)
	Manual travel
	Rapid traverse (60HZ / 50HZ)
	Automatic increment feeds
	Handwheel per graduation
Vertical downfeed	Handwheel per revolution
	Rapid traverse (60HZ / 50HZ)
	Automatic downfeed (ADH)
	Automatic downfeed (ADS)
	Handwheel per graduation
Grinding wheel	Handwheel per revolution
	Dia x width x bore
Motor	Spindle speed (60HZ / 50HZ)
	Spindle motor
	Crossfeed motor
	Elevating motor
Machine	Hydraulic motor
	Net Weight
	Gross Weight
	Packing dimension (L x W x H)

618 / 818
M : Manual downfeed
2A : Hydraulic Table, Cross Feed
C II : Hydraulic Table, Cross and Down Feed

1428 / 1834
M : Manual downfeed, rapid up & down
ADH: Auto downfeed by hydraulic
ADS: Auto downfeed by stepping motor & Mitsubishi PLC control with touch screen

SPECIFICATIONS

Unit:mm (inch)

STP -618M	STP-2A618	STP -618CII	STP-818M	STP-2A818	STP-818CII	STP-1428	STP-1834
150 x 450 (6"x18")			200 x 450 (8"x18")			300x600 (12"x24")	400x800 (16"x32")
480 (19")			480 (19")			650 (26")	850 (34")
170 (6")			220 (8.7")			310 (12")	410 (16")
460 (18")			460 (18")			510 (20")	510 (20")
180kgs (396lbs)			190kgs (419lbs)			400kgs (880lbs)	580kgs (1300lbs)
150 x 450 (6"x18")			200 x 450 (8"x18")			300x600 (12"x24")	400x800 (16"x32")
530 (20.9")			530 (20.9")			710 (28")	960 (38")
N/A	510 (20")		N/A	510 (20")		650 (26")	920 (36")
N/A	5 - 52M/min		N/A	5 - 52M/min		3-25M/min (10-82 feet/min)	
180 (7")			230 (9")			345 (14")	460 (18")
N/A	170		N/A	220		960/800mm/min (37.8/31.5in/min)	1200/1000mm/min (47.2/40in/min)
N/A	0.5-10 (0.02"-0.39")		N/A	0.5 - 10 (0.02"-0.39")		0.5~8(0.02"~0.32")	
0.02 (0.001")			0.02(0.001")			0.02 (0.001")	
5 (0.2")			5 (0.2")			4 (0.2")	5 (0.2")
N/A	N/A	100mm/min	N/A	N/A	100mm/min	190/160mm/min (7.5/6.3 in/min)	
--	--	--	--	--	--	0.002/0.006/0.01 (0.0001"/0.0003"/0.0005")	0.001/0.003/0.005 (0.00005"/0.00015"/0.00025")
--	--	0.001~0.099	--	--	0.001~0.099	0.001~0.099	
0.005 (0.0001")			0.005 (0.0001")			0.002 (0.0001")	0.001 (0.00005")
1 (0.05")			1 (0.05")			0.2 (0.01")	0.1 (0.005")
Ø203 x 12~19 xØ31.75 (Ø8"x1/2"xØ1-1/4")			Ø305x31xØ76 (12"x1-1/4"x3")			Ø355x50xØ127 (14"x2"x5")	
3450/2850rpm			3450/2850rpm			1710/1425rpm	1710/1425rpm
2HP			3HP			3HP	5HP
N/A	40W		N/A	40W		1/5HP	
N/A		1/5HP	N/A		1/5HP	1/4HP	
N/A	1HP		N/A	1HP		2HP	3HP
740kgs (1630lbs)	830kgs (1830lbs)	840kgs (1850lbs)	820kgs (1806lbs)	910kgs (2004lbs)	920kgs (2026lbs)	1750kgs (3850lbs)	3500kgs (7700lbs)
840kgs (1850lbs)	930kgs (2050lbs)	940kgs (2070lbs)	920kgs (2026lbs)	1010kgs (2225lbs)	1020kgs (2247lbs)	2050kgs (4510lbs)	3800kgs (8360lbs)
1480 x 1120 x 1950 (55"x44"x76")			1585 x 1250 x 1950mm (62.4"x49"x76.8")			1970x2250x2250 (78"x89"x89")	2730x2250x2250 (107"x89"x89")

Note: factory reserves the rights to change design / specifications / mechanisms to improve machine performance without prior notice.



SURFACE GRINDER PLANOTEC



PLANOTEC 1224NC



PLANOTEC 1632CNC

ITEMS / MODEL	
Capacity	Table Size
	X-axis Stroke
	Z-axis Stroke
	Dist. Fr. table to spindle center
	Mag. Chuck Weight / Height
	Max. loading of table
X-axis	Manual Traverse
	Hydraulic Traverse
	Hydraulic Cylinder Spec. (NC type)
	Main Pressure Source
	Hydraulic Pump Q
	Max. Table Speed
Y-axis	Servo Motor
	Rapid Traverse Speed
	MPG per Graduation
	Servo Motor
Z-axis	Rapid Traverse Speed
	MPG per Graduation
	Servo Motor
Wheel head	Grinding Wheel Size
	Wheel Peripheral Speed
	Spindle Motor
	Spindle Speed
Coolant	Tank Volume
	Processing Volume
Hyd. Sys.	Motor
	Tank Volume
Lube Sys.	Motor
	Tank Volume
Dim & Weigh	Net Weight
	Gross Weight
	Packing dimension (LxWxH) cm

SERIES

CNC : Two or Three Axes CNC with Fanc / Mitsubishi control.
 NC : Hyd. Table, Cross feed, Auto Downfeed w/PLC control & touch screen

SPECIFICATIONS

Unit:mm (inch)

PL -1224NC/CNC	PL -1632NC/CNC	PL -2448NC/CNC	PL -2460NC/CNC	PL -2480NC/CNC	PL -24100NC/CNC	PL -24120NC/CNC
300x600(12"x24")	400x800(16"x32")	600x1200(24"x48")	600x1500(24"x60")	600x2000(24"x80")	600x2500(24"x100")	600x3000(24"x120")
600 (24")	800 (32")	1250 (40")	1700 (24"x60")	2050 (80")	2550 (100")	3050 (120")
300 (12")	400 (16")	625 (25")	625 (25")	625 (25")	625 (25")	625 (25")
370 (15")	370 (15")	700 (28")	700 (28")	700 (28")	700 (28")	700 (28")
86/72	152/72	385/81	436/88	385/88	1044/88	1044/88
800kgs	1000kgs	1700kgs	2000kgs	2000kgs	2000kgs	2000kgs
850 (33")	1050 (41")	1400 (55")	1850 (73")	2200 (87")	2700 (106")	3200 (126")
800 (32")	1000 (40")	1350 (53")	1800 (71")	2150 (85")	2650 (104")	3150 (124")
Ø35×Ø20 ×850	Ø35×Ø20 ×1050	Ø50×Ø28 ×1400	Ø50×Ø28 ×1850	Ø50×Ø28 ×2200	Ø50×Ø28 ×2700	Ø50×Ø28 ×3200
20kg/m ²	16kg/m ²					
28L/min	58L/min			75L/min		
32 m/min	25 m/min					
1.8kw(CNC)	2.2kw (CNC)					
1.5m/min	1~5m/min					
0.1 / 0.01 / 0.001 mm						
1.8kw						
4m/min	1~15m/min					
0.1 / 0.01 / 0.001 (CNC) mm						
1.2kw (CNC)	1.8kw (CNC)					
Ø355x50xØ127 (Ø14"x2"xØ5")	Ø405x50xØ127 (Ø16"x2"xØ5")					
2000 m/min						
5HP (Opt. 7.5 HP)	15HP					
1800rpm	1760rpm					
140L	210L					
60L/min	120L/min					
1/4HP	1/2HP					
75L	240L					
2HP(6P)	5HP					
20L						
1/4 HP (2P)						
3300kgs	4100kgs	7280kgs	8000kgs	9800kgs	10000kgs	11090kgs
3600kgs	4500kgs	8080kgs	8800kgs	10700kgs	10900kgs	11990kgs
285x228x255	314x228x255	430x228x255	520x228x255	650X230X255	760X280X260	880X280X260

Note: factory reserves the rights to change design / specifications / mechanisms to improve machine performance without prior notice.



CENTERLESS GRINDER



STC-1808NC



STC-2010CNC



CYLINDRICAL GRINDER CONV



G20P-50NC



G38P-100H

DESCR
General capacity
Grinding wheel
Wheelhead
Workhead
Tailstock
Table
Internal grinding (opt.)
Motor
Machine

ENTIONAL SERIES

SPECIFICATIONS

Unit:mm (inch)

DESCRIPTION / MODEL	G20P-50M / NC	G25P-50H / NC	G32P / G38P / G45P-60 / 100 / 150 / 200 H / NC			
Distance between centers	500 (20")	500 (20")	600 (24")	1000 (40")	1500 (60")	2000 (80")
Swing over table	Ø220 (Ø8.8")	Ø260 (Ø10.2")	Ø320 / Ø380 / Ø450 (Ø12.6" / Ø15" / Ø18")			
Max. grinding diameter	Ø200 (Ø8")	Ø250 (Ø10")	Ø300 / Ø360 / Ø430 (Ø12" / Ø14" / Ø17")			
Max. load held between centers	80 kgs (176 lbs)		150 kgs (330 lbs)			
Diameter X width X bore	Ø355 x 38 x Ø127 (Ø14"x1.5"xØ5")	Ø405 x 50 x Ø127 (Ø16"x2"xØ5")	Ø405 x 50 x Ø127 (Ø16" x 2" x Ø5")			
Wheel peripheral speed	33 M / sec					
Swivelling angle(R&L)	Fixed	±30°	±30°			
Infeed travel	160 (6.3)	135 (5.3")	245 (9.6")			
Hand feed travel	160 (6.3)	90 (3.5")	200 (7.9")			
Top slide travel	180 (7")					
Automatic rapid travel (NC model)	45 (1-3 / 4")					
Auto increment infeed (NC model)	Ø0.001 ~ Ø0.999 (Ø0.001" ~ Ø0.0999")					
Handwheel per graduation	Ø0.005 (Ø0.0002")	Ø0.004 (Ø0.0002")				
Handwheel per revolution	Ø2 (0.1")					
Swivelling angle(R&L)	± 45°		-90°			
Center taper	MT 3 (opt. 5c)		MT 4 (opt. MT5, 5C)			
Spindle speed	150 / 264 / 156 / 480 rpm		30 ~ 350 rpm			
Center taper	MT 3		MT 4 (opt. MT5)			
Quill travel	25 (1")					
Swivelling angle (R&L)	- 8°		- 9°	- 7°	- 5°	- 3°
Traverse speed	80 / 140 / 230 (3" / 5.5" / 9")	30 ~ 7000 mm / min (1 - 1 / 5 ~ 275 in / min)				
Handwheel per revolution	9 (0.35")	10 (4")				
Spindle speed	14000 (or 25000) rpm	18000 (or 25000) rpm				
Max. grinding bore	Ø24 ~ 70 (Ø0.95" ~ 2.76")	Ø30~100 (Ø1.18" ~ 3.94") or Ø20 ~ 50 (Ø0.79" ~ 1.97")				
Max. grinding length	70 (2.8")	110 (4.3") or 55 (2.2")				
Max. chucking length	275 (10.8")	315 (12.4")				
Max. chucking diameter	Ø110 (Ø4")	Ø150 (Ø6")				
Wheel spindle motor	3 HP (4P)	5 HP (4P)	7.5 HP (4P)			
Workhead motor	1 / 2 HP (4P)		2 HP (4P)			
Coolant pump	1 / 8 HP (4P)		1/4 HP (2P)			
Hydraulic pump	2 HP (4P)					
Internal grinding motor	1/2 HP(2P)	2 HP (4P)				
Net weight	1850kgs(4070lbs)	2800 kgs (6160 lbs)	3500 kgs (7700 lbs)	4400 kgs (9691 lbs)	4700 kgs (10340 lbs)	6000 kgs (13200 lbs)
Gross weight	2250kgs(4950lbs)	3200 kgs (7040 lbs)	4000 kgs (8800 lbs)	4700 kgs (10340 lbs)	5600 kgs (12320 lbs)	6780 kgs (14916 lbs)
Packing dimension (L X W X H)	2280 X 1900 X 1960 (89" X 74" X 77")	2280 X 2280 X 1940 (90" X 90" X 76")	3200 X 2250 X 2030 (126" X 89" X 80")	3200 X 2250 X 2030 (126" X 89" X 80")	4030 X 2250 X 2030 (159" X 89" X 80")	5220 X 2250 X 2030 (206" X 89" X 80")



CNC CYLINDRICAL GRINDER P



DESCRIPTION / MODEL		G20P / G25P - 50CNC		G18P - 40CNC	G25P - 50CNC
General capacity	Swing over table	Ø200 (Ø8")	Ø250 (Ø10")	Ø180 (Ø7")	Ø250 (Ø10")
	Distance between centers	500 (20")		400 (20")	500 (20")
	Max. grinding diameter	Ø200 (Ø8")	Ø250 (Ø10")	Ø150 (Ø6")	Ø250 (Ø10")
	Max. load held between centers	80 kgs (176 lbs)		20kg(176lbs)	80kg(176lbs)
Grinding wheel	Diameter x width x bore	Ø355 x 25 - 50 x Ø127 (Ø14" x 1" - 2" x Ø5")	Ø405 x 50 x Ø127 (Ø16" x 2" x Ø5")	Ø455 x 50 x Ø127 (Ø16" x 2" x Ø5")	Ø455 x 50 x Ø127 (Ø18" x 2" x Ø5")
	Wheel speed	1940 rpm	1650 rpm	1800 rpm	1650 rpm
	Wheel peripheral speed	33 M / sec			
Wheelhead	Sliding angle deg	90			
	Max. increment speed	Ø6 M / min (236)			
	Infeed travel	150 (6")	160 (6.3")		
	Min. increment infeed	Ø0.001 (Ø0.0001")			
Workhead	Spindle speed (Variable)	50 ~ 500 rpm			
	Center taper	MT 3			
	Spindle type	Fixed & Rotary			
	Diameter of bore	Ø20 (0.79")			
Tailstock	Quill travel	25 (1")			
	Center taper	MT 3			
Table	Rapid feedrate	8 M / min (315 in / min)		10 M / min (315 in / min)	8 M / min (315 in / min)
	Min. increment feed	0.001 (0.0001")			
	Swivelling angle C.C.W.	7°			
Motor	Wheel spindle motor	5 HP (bearing type)		7.5 HP	
	Workhead motor	1 / 2 HP			
	Hydraulic pump	1 HP			
	Lubrication pump	1 / 4 HP			
	Coolant pump	1 / 8 HP			
	Wheel (X axis) motor (fanuc)	1.2 KW			
	Wheel (Z axis) motor (fanuc)	1.2 KW			
Machine	Net weight (semi encloed)	2500 kgs (5500 lbs)	3100 kgs (6820 lbs)	2400 kgs (5500 lbs)	3100 kgs (6820 lbs)
	Gross weight	2800 kgs (6160 lbs)	3500 kgs (7700 lbs)	2700 kgs (6160 lbs)	3500 kgs (7700 lbs)
	Packing dimension (L x W x H)	2970 x 2250 x 2220 (117" x 89" x 87")	3330 x 2250 x 2250 (131" x 89" x 89")	3100 x 2250 x 2250 (112" x 89" x 89")	3330 x 2250 x 2250 (131" x 89" x 89")

LUNGE SERIES



SPECIFICATIONS

Unit:mm (inch)

G32P / G38P / G45P - 50 / 60 / 75 / 100 / 150 / 200 CNC					
Ø320 (Ø12.6") / Ø380(Ø15") / Ø450 (Ø18")					
500 (20")	600 (24")	750 (30")	1000 (40")	1500 (60")	2000 (80")
Ø300 (Ø12") / Ø360 (Ø14") / Ø430 (Ø17")					
150 kgs (330 lbs)					
Ø510 x 50~100 x Ø152.4 (Ø20" x 2" ~ 4" x Ø6") (opt. Ø610)					
1390 rpm					
33 M / sec					
90					
Ø6 M / min (236)					
225 (9")					
Ø0.005 (Ø0.0001")					
30 ~ 350rpm					
MT 4 (opt. MT 5)					
Fixed & Rotary					
Ø23 (0.9")					
25 (1")					
MT 4 (opt. MT 5)					
10 M / min (393 in / min)					
0.001 (0.0001")					
9°	7°			5°	3°
7.5 HP (opt.10 HP)					
2 HP					
2 HP					
1 / 4 HP					
1 / 4 HP					
1.2 kw					
1.2 kw			1.8 kw		
5200 kgs (11440 lbs)	5600 kgs (12320 lbs)	5800 kgs (12760 lbs)	5800 kgs (12760 lbs)	6300 kgs (13860 lbs)	6700 kgs (14740 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)
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 (250" x 90" x 91")	6360 x 2280 x 2310 (250" x 90" x 91")

ANGULAR SERIES



G32A-50CNC

Unit:mm (inch)

DESCRIPTION / MODEL		G18A - 30CNC	G25A - 35CNC	G32A / G38A / G45A - 35 / 50 / 80 / 120CNC			
General capacity	Swing over table	Ø180 (Ø7")	Ø250 (Ø10")	Ø320 (Ø12.6") / Ø380 (Ø15") / Ø450 (Ø18")			
	Distance between centers	300 (14")	350 (14")	350 (14")	500 (20")	800 (32")	1200 (48")
	Max. grinding diameter	Ø150 (Ø6")	Ø250 (Ø10")	Ø300 (Ø11.8") / Ø360 (Ø14.2") / Ø430 (Ø17")			
	Max. load held between centers	20 kgs (176 lbs)	80 kgs (176 lbs)	150 kgs (330 lbs)			
Grinding wheel	Diameter x width x bore	Ø405 x 25-38x 127 (Ø18" x 2" x Ø5")		Ø 510 x 50 ~ 100 x Ø152.4 (Ø20" x 2" ~ 4" x Ø6") (opt. Ø610)			
	Wheel speed	1800 rpm	1650 rpm	1390 rpm			
	Wheel peripheral speed	33 M / sec					
Wheelhead	Sliding angle deg	60°					
	Max. increment speed	φ6M/min (236)		Ø10 M / min (393)			
	Infeed travel	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	10 M / min (315 in / min)	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°	7°	5°	
Motor	Wheel spindle motor	7.5 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 (6820 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 (7700 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)	3100x 2280 x 2250 (122" x 118" x 73")	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")

CNC CYLINDRICAL GRINDER UNIVERSAL SERIES



SPECIFICATIONS

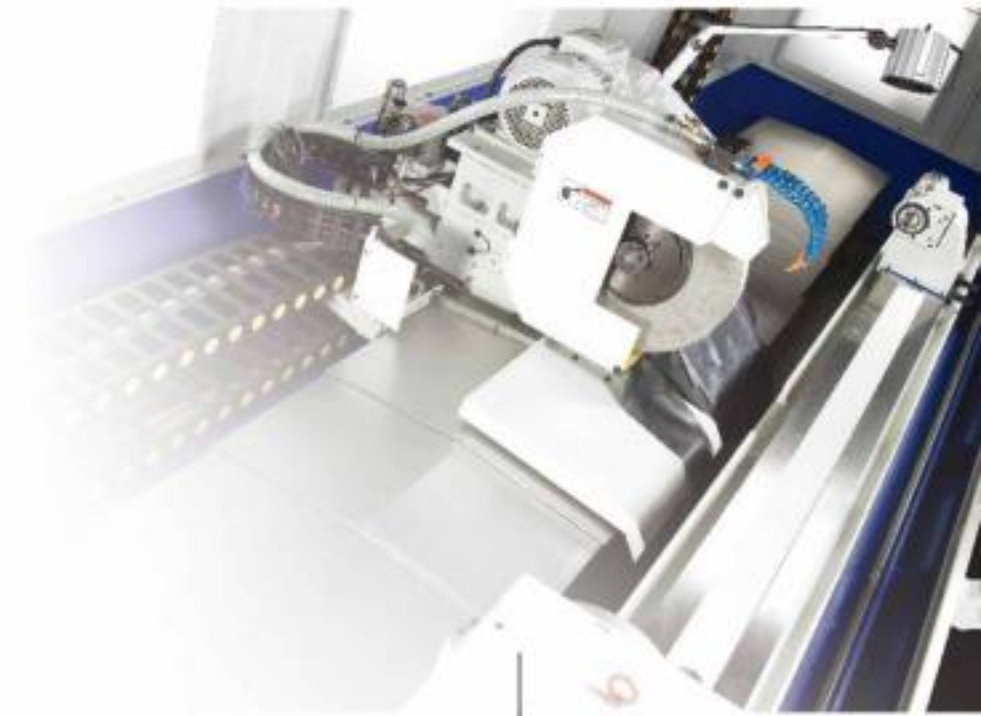
PMG-60CNC

Unit:mm (inch)

DESCRIPTION / MODEL		PMG-60/100CNC(A)		PMG-60/100CNC(B)		
Capacity	Swing Over Table	Ø360 mm (14")				
	Distance between Centers	600mm (24")	1000mm (40")	600mm (24")	1000mm (40")	
	Max. Grinding Length	500mm (20")	800mm (32")	500mm (20")	800mm (32")	
	Distance from Center Tip to Table	192 (7.6")				
	Max. Weight between Centers	150 kg (330lbs)				
Wheelhead	Wheel Size – LH (D x W x B)	Ø405×50×Ø127 mm (Ø16"x2"xØ5")				
	Wheel Size – RH (D x W x B)	Ø355×38×Ø127 mm (Ø14"x1 1/2"xØ5")				
	OD Spindle Speed (50/60Hz)	1575 / 1795 rpm				
	Wheel peripheral speed	33 M / sec				
	ID Spindle Diameter	100 (4")				
	ID Spindle Speed	A Type : 8000/15000/20000/30000rpm (opt. High Frequency) B Type :High Frequency 40000rpm				
	ID Shaft Diameter	Ø7~25 (Ø0.27"~1")				
	Feed Angle	90°				
	Max. Traverse Speed	Ø6 m/min (236 in/min)				
	Min. Feed Unit Set	Ø0.001 (0.0001")				
	Total Stroke	275				
	Workhead	Spindle Speed (Variable)	30~350 rpm			
		Center Taper	MT4			
	Tailstock	Quill Stroke	50 (2")			
Center Taper		MT4				
Table	Swiveling Angle (CCW)	5°	3°	5°	3°	
	Max. Traverse Speed	10 m/min (393 in/min)				
	Min. Feed Unit Set	0.001 (0.0001")				
Motors	OD Spindle Motor	5HP (opt. : 7.5HP)				
	B-axis Servo Motor	2.5 KW				
	Workhead Spindle Motor	1.5kw		3kw		
	Frequency Spindle Motor	6 KW (40000 rpm)				
	Hydraulic Motor	1HP (4P)				
	Coolant Pump	1/2HP (4P)				
	X-axis Feed Servo Motor	1.6 KW		2.7 KW		
Z-axis Feed Servo Motor	1.6 kW					
Machine	Packing dimension (L x W x H)	4663 (100CNC: 5273) x 2225 x 2134				
	Net weight	5600 kgs	6200 kgs	5700 kgs	6300 kgs	



CNC CYLINDRICAL GRINDER



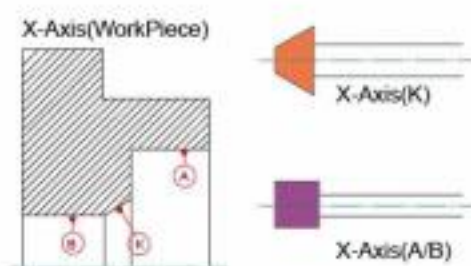
G38TH-300CNC



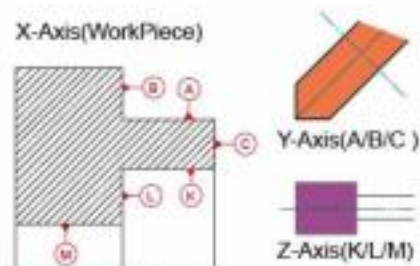
CNC 3-AXES COMPLEX INTER



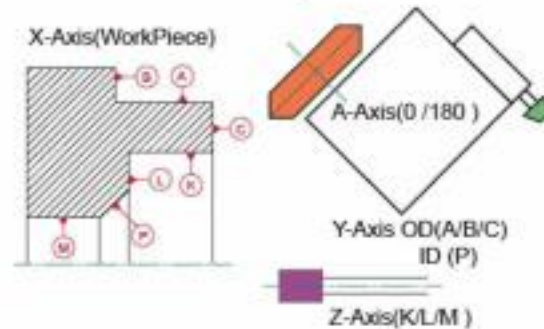
I/I Type



I/O Type



I/I/O Type
for GM-80 only



INTERNAL GRINDER

Unit:mm (inch)

DESCRIPTION / MODEL		GM-35CNC	GM-45CNC	GM-80CNC
General Capacity	ID Grinding Range	Ø6~Ø200(Ø0.25"~Ø7.87")	Ø6~Ø400(Ø0.25"~Ø15.7")	Ø6~Ø600(Ø0.25"~Ø23.6")
	Max. OD Grinding Diameter	Ø300	Ø450	Ø800
	Max.Length of Workpiece	200	300	
	Swing Over Workhead	Ø400	Ø500	Ø820
	Max. Weight of Workpiece	50kgs		80kgs
Workhead Closed-Loop System (X axis)	Type of Chuck	6" Manual 3-Jaw chuck (Opt. : 8")	8" Manual 3-Jaw chuck (opt.:10")	
	Spindle	A2-5		A2-6
	Spindle Motor	3 kw		
	Spindle Speed (variable)	30~1000rpm		
	Travel	600		
		10 M/min		
	Min. Infeed Increment	0.0001		
	Servo Motor	1.2 KW (Fanuc)		
ID Spindle Motor (I/I)	2.2 KW(2P)			
ID / OD Wheelhead (Y axis)	ID Spindle Speed (I/I)	8000/15000/20000/30000 rpm (Select one)		
	OD Spindle Motor (I/O)	5.6KW (4P)		
	OD Spindle Speed (I/O)	1800 rpm		
	OD Wheel Size	Ø405x50xØ127	Ø405x50xØ127	
	B-axis Swiveling Mechanism (I/I/O)	N/A	Automatic Swivel	
	B-axis Swivelling Servo Motor (I/I/O)	N/A	1.2KW (Fanuc)	
	B-axis Swivelling Angle (I/I/O)	N/A	+120°/-30°	
	Feed Angle (I/O)	20°		
	Y-axis Travel	380	500	500
	Rapid Feedrate	10 M/min		
Min. Infeed Increment	0.0001			
Servo Motor	1.2 KW (Fanuc)			
ID Wheelhead (Z axis)	ID Wheel Size	2.2 KW (2P)		
	ID Spindle Speed	8000/15000/20000/30000 rpm (Select one)		
	Travel	410	500	
	Rapid Feedrate	10 M/min		
	Min. Infeed Increment	0.0001		
	Servo Motor	1.2 KW (Fanuc)		
Coolant System	Tank Volume	260L		
	Processing Volume	MS=120 · PF=80		
Hyd. System	Tank Volume	40L		
	Motor	1HP (4P)		
Machine	Net Weight	4700 kgs	7000 kgs	7700 kgs
	Gross Weight	5200 kgs	7500 kgs	8200kgs
	Packing Dimension (LxWxH)	488x230x225 cm		



CNC INTERNAL GRINDER



GI-150CNC

Unit:mm (inch)

DESCRIPTION / MODEL		GI-150NC	GI-150CNC
General Capacities	ID Grinding Range	Ø6~Ø150 (Ø0.25"~Ø6")mm	
	Max. Grinding Depth	125 (5")mm	
	Max. Swing to Dresser	Ø220 (8.6")mm	
	Swing of Chuck Cover	Ø260 (10.2")mm	
	Spindle Center Height	1050 (41.3")mm	
	Chuck Type	6" Hydraulic Chuck	
	Max. Loading	50 kg	
Work Head	Spindle Speed (variable)	0~1000 rpm	
	Swiveling Angle	C.W.15°~C.C.W.5°	
	Spindle Motor	1.5 kw	
X Axis	Feedback System	None	Closed-Loop system
	Stroke	200 (7.9")	
	Rapid Traverse Speed	10 m/min	
	Min. Infeed Increment	0.0001	
	X-axis Servo Motor	1.8kw	
Z Axis	ID Spindle Motor	2.2 KW (2P)	
	ID Spindle Speed	8000 / 15000 / 20000 / 30000 rpm (Special speed by Request)	
	Stroke	560 (22")	
	Z-axis Driven by Z	Hydraulic Cylinder	Servo Motor 1.8kw
	Rapid Traverse Speed	500~15000 mm/min	10 m/min
	Min. infeed increment	N/A	0.0001
Coolant System	Equipment	Electro Magnet Separator (Opt. paper filter)	
	Tank Volume	120 L	
	Capacity	40 L/min	
	Motor	0.1 kw (4P)	
Lubrication System	Tank Volume	2 L	
	Motor	45 w	
Hydraulic System	Tank Volume	64L	26L
	Motor	2HP	1 HP (4P)
Machine	Machine Cover Type	Full Enclosure Splash Guard / Manual Door	
	Net Weight	3500 kgs	3500 kgs
	Gross Weight	4000 kgs	4000 kgs
	Packing Dimension (LxWxH)	2980 x 2280 x 2250	2980 x 2280 x 2250

CENTER HOLE GRINDER



SPECIFICATIONS

Unit:mm (inch)

DESCRIPTION / MODEL		CG-1015/ CG-1215
Workpiece	Diameter of workpiece	Ø20 ~ Ø150 (0.78" ~ 6")
	Length of workpiece	200 ~ 1000 (8" ~ 40") / 200 ~ 1200 (8" ~ 48")
	Max weight of workpiece	100 kgs (220 lbs)
Grinding capacity	Cone angle of center holes	60°
	Diameter of center holes	Ø2 ~ Ø50 (0.08" ~ 2")
	Planetary axis stroke	1.5 (0.06")
Grinding spindle	Diameter of grinding wheel	Ø25 (Ø1")
	Speed of grinding spindle	8000 ~ 20000 rpm
Motor	Grinding spindle motor	220 V / 1.5 HP / 3 ph
	Planetary axis motor	220 V / 100 W / 3 ph
	Workpiece driven motor	220V/100W/3ph
	Dust collecton motor	220 V / 0.5 HP / 3 ph
Vertical downfeed	Max. Stroke	200 (8")
	Micro feed (handwheel per revolution)	0.125
	Micro feed (handwheel per granduation)	0.0125
Dressing device	Diamond dresser	80 (3.2")
	Handwheel per revolution	1.5 (0.06")
Electricity	Power source	220 V , 50 / 60 Hz , 3 ph
	Electric power	1.5 kVA
Weight	Net weight	1000 kgs (2200 lbs)

Note: factory reserves the rights to change design / specifications / mechanisms to improve machine performance without prior notice.



No. 6, Keya 2nd., Daya District, Taichung City, 42881 Taiwan.
42881 台中市大雅區科雅二路6號(中部科學園區)
E-mail: sales@supertec.com.tw
Tel: 886-4-2567-6767 Fax: 886-4-2568-2727
www.supertec.com.tw

Shanghai Service Center

Tel: 86-21-6222-7021
Fax: 86-21-6222-7035
E-mail: biao_bing@163.com

Guangdong Service Center

Tel: 86-769-8228-2120
Fax: 86-769-8176-0517
E-mail: zxd@spmatec.com

U.S.A Service Center

Tel: 1-562-220-1675
Fax: 1-562-220-1677
E-mail: info@supertecusa.com