

ST SURFACE GRINDER PLANOTEC C SERIES



PLANOTEC 1224NC



PLANOTEC 1632CNC

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)

ITEMS / MODEL	PL -1224NC/CNC	PL -1632NC/CNC	PL -2448NC/CNC	PL -2460NC/CNC	PL -2480NC/CNC	PL -24100NC/CNC	PL -24120NC/CNC	
Capacity	Table Size 300x600(12"x24")	400x800(16"x32")	600x1200(24"x48")	600x1500(24"x60")	600x2000(24"x80")	600x2500(24"x100")	600x3000(24"x120")	
Capacity	X-axis Stroke	600 (24")	800 (32")	1250 (40")	1700 (24"x60")	2050 (80")	3050 (120")	
	Z-axis Stroke	300 (12")	400 (16")	625 (25")	625 (25")	625 (25")	625 (25")	
	Dist. Fr. table to spindle center	550 (22")	550 (22")	700 (28")	700 (28")	700 (28")	700 (28")	
	Mag. Chuck Weight / Height	86kgs/72mm	152kgs/72mm	385kgs/81mm	436kgs/88mm	385kgs/88mm	1044kgs/88mm	
	Max. loading of table	800kgs	1000kgs	1700kgs	2000kgs	2000kgs	2000kgs	
X-axis	Manual Traverse	850 (33")	1050 (41")	1400 (55")	1850 (73")	2200 (87")	3200 (126")	
	Hydraulic Traverse	800 (32")	1000 (40")	1350 (53")	1800 (71")	2150 (85")	3150 (124")	
	Hydraulic Cylinder Spec. (NC type)	Ø35×Ø20 ×850	Ø35×Ø20 ×1050	Ø50×Ø28 ×1400	Ø50×Ø28 ×1850	Ø50×Ø28 ×2200	Ø50×Ø28 ×2700	Ø50×Ø28 ×3200
	Main Pressure Source	20kg/cm ²		16kg/cm ²				
	Hydraulic Pump Q	28L/min		58L/min		75L/min		
	Max. Table Speed	25 m/min (NC)		25 m/min (NC)				
	Servo Motor	1.8kw(CNC)		2.2kw (CNC)				
Y-axis	Rapid Traverse Speed	1.5m/min		2m/min				
	MPG per Graduation	0.1 / 0.01 / 0.001 mm						
	Servo Motor	1.8kw						
Z-axis	Rapid Traverse Speed	4m/min		1~15m/min				
	MPG per Graduation	0.1 / 0.01 / 0.001 (CNC) mm						
	Servo Motor	1.2kw (CNC)		1.8kw (CNC)				
Wheel head	Grinding Wheel Size	Ø355x50xØ127 (Ø14"x2"xØ5")		Ø405x50xØ127 (Ø16"x2"xØ5")				
	Wheel Peripheral Speed	2000 m/min						
	Spindle Motor	5HP (Opt. 7.5 HP)		15HP				
	Spindle Speed	1800rpm		1760rpm				
Coolant	Tank Volume	140L		210L				
	Processing Volume	60L/min		120L/min				
	Motor	1/4HP		1/2HP				
Hyd. Sys.	Tank Volume	75L		240L				
	Motor	2HP(6P)		5HP				
Lube Sys.	Tank Volume	20L						
	Motor	1/4 HP (2P)						
Dim & Weight	Net Weight	3300kgs	4100kgs	7280kgs	8000kgs	9800kgs	11090kgs	
	Gross Weight	3600kgs	4500kgs	8080kgs	8800kgs	10700kgs	11990kgs	
	Packing dimension (LxWxH) cm	285x228x255	314x228x255	430x228x255	520x228x255	650x230x255	760x280x260	880x280x260

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