

# PTX2181A / PTX2181B MILLING MACHINE



Specifications	Unit	PTX2181A	PTX2181B
Working Table (W x L)	mm	600X210	600X260
T Slot	Xmm	5X12H8	5X12H8
Max. Bearing Weight of Working Table	Kg	200	200
the Distance Between Table and Ground	mm	845--1185	760--1095
Table Swivel Angle on X Axis	Degree	N/A	-30--30
Table Swivel Angle on Y Axis	Degree	N/A	-45--45
Spindle Taper Bore	No.	Ver.	IS040 7:24
		Hor.	IS040 7:24
Power of Spindle Motor	kw	1.3/1.8	
Spindle Motor Speed (Two Speed)	r/min	1430/2850	
Spindle Speed Range	r/min	Ver.	33,53,67,83,104,133,167,208,263
			333,417,525,667,833,1042,1667
		Hor.	40,63,80,100,125,160,200,250,315
			400,500,630,800,1000,1250,2000
Tool Shank Taper	No.	IS040 7:24(BT40)	
the Distance Between Vertical Spindle Central to Column Guideway	mm	5+80--345	
Vertical Spindle Swivel Angle Surrounding Y Axis (Manual)	Degree	-60--60	
Travel of Vertical Spindle	mm	100	
Cross Travel of Working Table X Axis (Mechanical / Manual)	mm	290/300	
Vertical Milling Head Longitudinal Travel (Manual) / Lower Ram Travel Y Axis (Mechanical / Manual)	mm	100/160	
Working Table Vertical Travel Z Axis (Mechanical / Manual)	mm	330/340	
Distance Between Vertical Spindle End Face to Working Table	mm	80--420	75--415
Distance Between Horizontal Spindle Central to Working Table	mm	75--415	0--335
X/Y/Z Axis Rapid Travels Rate	M/min	2/2/1.7	
X/Y/Z Axis Feeding Travels Rate	mm/min	10--1000, 10--1000, 9--900	
Torque of X/Y/Z Axis Feeding Motor	Nm	1.6/1.6/2.6	
Power of X/Y/Z Axis Feeding Motor	kW	0.5/0.5/0.8	
Max. Speed of X/Y/Z Axis Feeding Motor	r/min	1500/1500/3000	
Manual Lubrication Pump Volume	L	0.6	
Coolant Tank Volume	L	15	
Coolant Pump (Oil Cooling) Flow / Lift	L/min; m	9.8/4	
Capacity of Total Power	kVA	2.9	
N.W.	Kg	1000	
Dimension of Machine (L x W x H)	mm	900X1022X1670	
Linear Scales Travel on X/Y/Z Axis	mm	320/170/360	