

PRECISION DRILLING MACHINE



PDM-M1 -10



SPDM-P-201

Description

- For Precision drilling operations
- Drive through a belt pulley arrangement
- Adjustable depth stop
- Drill holding by keyless drill chuck
- Hardened & ground spindle mounted on precision high speed bearings housed in accurately ground bores
- Conveniently placed controls
- Precision geometry and function guaranteed
- Mains operated single phase motor

Application

Small and very small holes in high precision components, Tool manufacture, prototype in high precision components, laboratory work, batch manufacture in the electronic, jewellery, clock making and related industries.

Technical specifications

Drilling Capacity	In steel: 0-3 mm
Drill Chuck Capacity:	0-3mm
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Spindle Travel: 30mm	
Distances	Horizontal overhang distance b/w column and drilling axis: 90 & 180 mm
	Drilling Adjustment along the column (vertical) : 150 mm
Table	Size: 160 x 150 mm
Size	Floor area required(LxBxH): 300 x 185 x 350 mm
Spindle Speeds(in rpm)	Lower speed stage(Step less) : 1000-4000
	Higher speed stage(step less) : 1000-20000
Mains Operation:	220 V , 50 Hz, 0.85 AMP
Spindle Taper:	30J1
Spindle Runout :	0.005 mm
Perpendicularity of the base :	0.03mm
Machine weight:	15kgs
Standard Equipment	Electrical, Drill chuck & switch plate etc.