

MANUAL CYLINDRICAL GRINDING MACHINE



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GENERAL

SPECIFICATIONS		
MODEL	PMT/340/130/M	
Maximum grinding Length	mm	300
Height of centre	mm	130
Max. distance between centers	mm	340

TABLE

Max. Swivel of Table	deg	+ 6
Table Traverse	Manually by high precision rack & pinion.	
Guide ways coating	Turcite –B slide way coated on both moveable slides to prevent stick slip motion.	

GRINDING WHEEL

Diameter	mm	350
Width	mm	25
Bore	mm	127
Wheel Speed	mm	1900 - 2100

GRINDING WHEEL HEAD

Grinding Wheel Head Bearings	Wheel head Spindle made of alloy steel, specially heat treated, case carburizing, ground, lapped and cartridge type spindle, grease lubricated fitted with high precision imported P4 grade matched pair angular contact bearings of 1 pair in front and 1 pair at rear, which give very high accuracy and excellent surface finish to the work piece.
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Manually feed resolution	mm	0.005 on radius
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WORK HEAD

Bearings	Imported high precision bearings – 6 nos.	
No. of Speeds	Infinitely Variable by imported VFD	
Speed Range (inf. Variable by 3 phase, VFD)	rpm	50 - 300
Swivel	deg	± 45
Spindle Nose Taper	MT	3

TAIL STOCK

Centre	MT	3
Quill Travel	mm	25

MOTORS POWER

Wheel Head	hp	2
Work Head	hp	0.5
Coolant Pump	hp	0.1

Above Machine is available with Hydraulic, PLC & CNC Version as per customer requirement.