

## AUTOMATIC EXTERNAL PLUNGE GRINDING MACHINE



Models		PMT 300/130	PMT 600/150	PMT 800/150	PMT 1000/175	PMT 1250/200
Center Height	MM	130	150	150	175	200
Distance between Centers	MM	300	600	800	1000	1250
Grinding Wheel (d x w)	MM	300 x 40	400 x 40	400 x 40	400 x 40	400 x 50
Wheel head Rapid approach	MM	40	40	50	50	50
No. Of work head speed.	RPM	Variable by VFD	Variable by VFD	Variable by VFD	Variable by VFD	Variable by VFD
Work head swivel.	Deg.	± 60	± 90	± 90	± 90	± 60
Work head Center.	MT	3	4	4	4	4
Tail Stock center.	MT	3	4	4	4	4

### The Automatic Cycle Operates as follows :

Rapid approach-coarse feed-fine feed-spark out and rapid return of wheel head and infeed retraction. The total amount of infeed and fine feed along with feed rate for course & fine feeds is also selectable. Interphasing with any type of in-process gauge is also available optionally. For long jobs, selection is available for terminating the grinding cycle at left/right end position of the table.

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