

CNC INTERNAL GRINDING MACHINE



Technical Specification

MODEL: - PMT/300/150/CNC		
GENERAL SPECIFICATION		
Centre Height	mm	150
Max grinding ID dia.	mm	250
Distance between centers	mm	300
CNC System	Latest version	SIEMENS / FANUC
TABLE (Z Axis)		
Rapid Feed rate	mm / min	7000
Max. table travel	mm	300
Min incremental feed	mm	0.0001
Positioning accuracy/ Repeatability	mm	0.001
CROSS SLIDE (X axis)		
Rapid Feed rate	mm / min	7000
Min incremental feed	mm	0.001
Max. grinding travel	mm	100
Positioning accuracy/ Repeatability	mm	0.001
INTERNAL GRINDING HEAD		
Spindle	mm	∅ 60 X 250 mm/ ∅ 45 X 250 mm
Spindle Speed	rpm	18000/ 38000
WORK HEAD		
Spindle Speed	Rpm	25 – 300 variable
Spindle nose taper	MT	4
Spindle bore dia.	mm	16
Swiveling range	deg	-30 to +45
Power	Hp	1

- Both axis servo CNC Controlled & 1 Spindle CSS
- “THK” C₂ Class ground ball screw on both Axis
- “THK” LM guideways fitted on cross infeed slide
- Machine Accuracy:- 0.002mm
- Surface Finish:- 0.4 Ra
- Machine Weight:- 2850 Kg

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