

CNC Internal Grinding Machine For Small Size Bore Grinding



SR No.	Specification	Unit
01	CNC System	Fanuc Oi-TD/SINUMERIK 802D
02	Chauk Size	Ø160mm
03	Internal Grinding Rang	Ø12-Ø60mm
04	Grinding Depth	50 mm
TABLE (Z AXIS)		
05	Table Stroke	350mm / 600mm / 1000mm
06	Rapid Feed	5000mm / min.
07	Min. Incremental Feed	0.001mm
08	Feed motor Torque	6 Nm. / 7.7 Nm.
09	Max. Swivel of table	-2, +7 Degree
INTERNAL GRINDING HEAD		
10	Spindle size (DXL)	60X250mm
11	Spindle Speed	18000 rpm (35000 on customer demand)

12	Wheel Surface speed	33m/sec
13	Wheel head motor	3.75 Kw
WORK HEAD		
14	Work Head spindle Nose	MT-4
15	Work Head spindle Speed (infinitely variable)	30-600 rpm
16	Work Head spindle power	0.75 Kw
INFEED SLIDE (X-AXIS)		
17	In-feed Stroke	175mm
18	Rapid feed rate	5000mm/min.
19	Min. Incremental in-feed0.	0.001mm
20	Power	3 hp

Optional Accessories :

- In process gauge.
- Dust collector.
- Self centering 3 jaw hydraulic chuck.
- Tool storage cabinet.
- Paper band filter/Coolant tank with magnetic coolant clarifier unit.
- isolation Transformer.

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