

TECHNICAL SPECIFICATIONS	
Capacity	
Centre height	220mm
Swing over	440 mm
Tablespeed	0.1 – 4 M / min
Table stroke Max.	250 / 300 / 350
Table stroke Min	15 mm
Infeed systems	
Min Infeed rate in dia	0.005 mm
Microfeed (optional)	0.001 mm
Rapid approach (optional)	0- 10 mm Variable
Auto spark off	0 – 60 sec
Auto feed (optional)	
Workhead	
Speed range	0 -550 Infinitely Variable
Swivel	0 – 30 degree
Swivel (optional)	+ 30 degree
Motor power	1 HP / 1500 rpm DC
E.M.chuck (optional)	
Internal head	
Spindle Housing bore	0 80mm
I G Spindle	0 60 x 250 18000 rpm
I G Spindle	0 80 x 250 12500 rpm
Power	3 HP / 2800 rpm

PLC version available on demand.

Bed and Guide ways – Bed is made of close grained graded casting and heavily ribbed high rigidity. The hand scrapped scrapped V- Flat table guide ways lined with Turcite ‘B’ linear bearing material to prevent stick slip motion.

Workhead – Workhead spindle speed infinitely variable through DC OR AC drive. Spindle hardened and ground runs on precision antifriction P4 grade bearing.

Infeed Systems – Comprises of hardened & ground feed screw for high positing accuracy & nut provided with backlash adjustment.

Dressing Device – Dresser is mounted on main table. Dressing compensation available in Automatic grinding cycle.

Hydraulic and coolant unit – hydraulic P.P with DC solenoid valves & Coolant are housed outside the machine as a separate unit to facilitate easy maintenance.

RANGE OF OTHER MACHINES:

External Grinding, Thrust Bearing Grinding Lip Grinding, SPM Grinding Machines
Twist version