

CNC MILLING MACHINE

Control Specification:

- Operating panel with total on /off control switch.
- Spindle forward reverse.
- Feed and built in PLC with parameter for function.

Machine Specification:

- X Axis Travel : 200mm
- Y Axis Travel : 200mm
- Z Axis Travel : 50mm
- Positioning Accuracy : 0.01mm
- Repeatability : 0.005mm
- Spindle Power : Variable 200-1500 Rpm
- Spindle Nose Taper : MT3
- Ball Screw(X axis) : 25 dia&5mm pitch
- Ball Screw (Y axis) : 25 dia&5mm pitch
- Stepper Motor : 400w
- Rapid Rate X/Y : 1.2m/min

Salient Features of CNC Controller

- Suitable for programming with ISO fanuc and standard G&M code
- Stepper motors with infinite resolution
- Provision for profile cutting
- Provision for PC interfacing
- Simulation
- Emergency stop
- Manual over riding



- Accuracy 0.01mm
- Repeatability 0.005mm

Machine Utilization

- To study the construction and working of a CNC Milling Machine
- To Practice programming &Simulation
- To try programming and turning sample piece
- To train personnel for programming and operation of CNC milling machine.

Machine Dimensions:

- Lubrication : Single short manual type
- LxWxH : 600 x 750 x 1050