

## CNC Milling Machine

CNC Controller	Fanuc
CNC Software	Windows Based Software.
Axis Motor & Drive	AC Servo (1.3 Nm)
Spindle Motor	1.5 HP (minimum) brushless AC 3 phase induction motor.
Spindle Motor Speed	100 to 3000 rpm.
Stabilizer	3 KVA or as per machine requirement.
Lubrication System	Automatic (Motorized).
Max. Depth Of Cut	1 mm Possible.
Table Size	200 X 600 mm (minimum)
Axis Travel	X , Y & Z Axis 275 mm, 150 mm, 250 mm (minimum).
Axis Control	3 Axis.
Axis Plane	XY, XZ & YZ.
T Slot	12 mm.
Repeatability	±0.005mm.
Ball Screw	Ground P4 Ball Screw with anti-backlash double ball nut.
Rapid Feed	4000 mm/Min (minimum)
Minimum Increment	0.001 mm.
Collet Holder	R8
Positional Accuracy	±0.005mm (minimum)
Frame and Table material	Cast Iron
Table Load Capacity	100 Kg. (minimum)

**Note:** Machine installation, operating and manual programming training should be provided by supplier. 4 year annual maintenance contract included.

Committee Incharge: Dr. Rajesh Gupta

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