



ESTEEM INDUSTRIES INC.




ESTEEM

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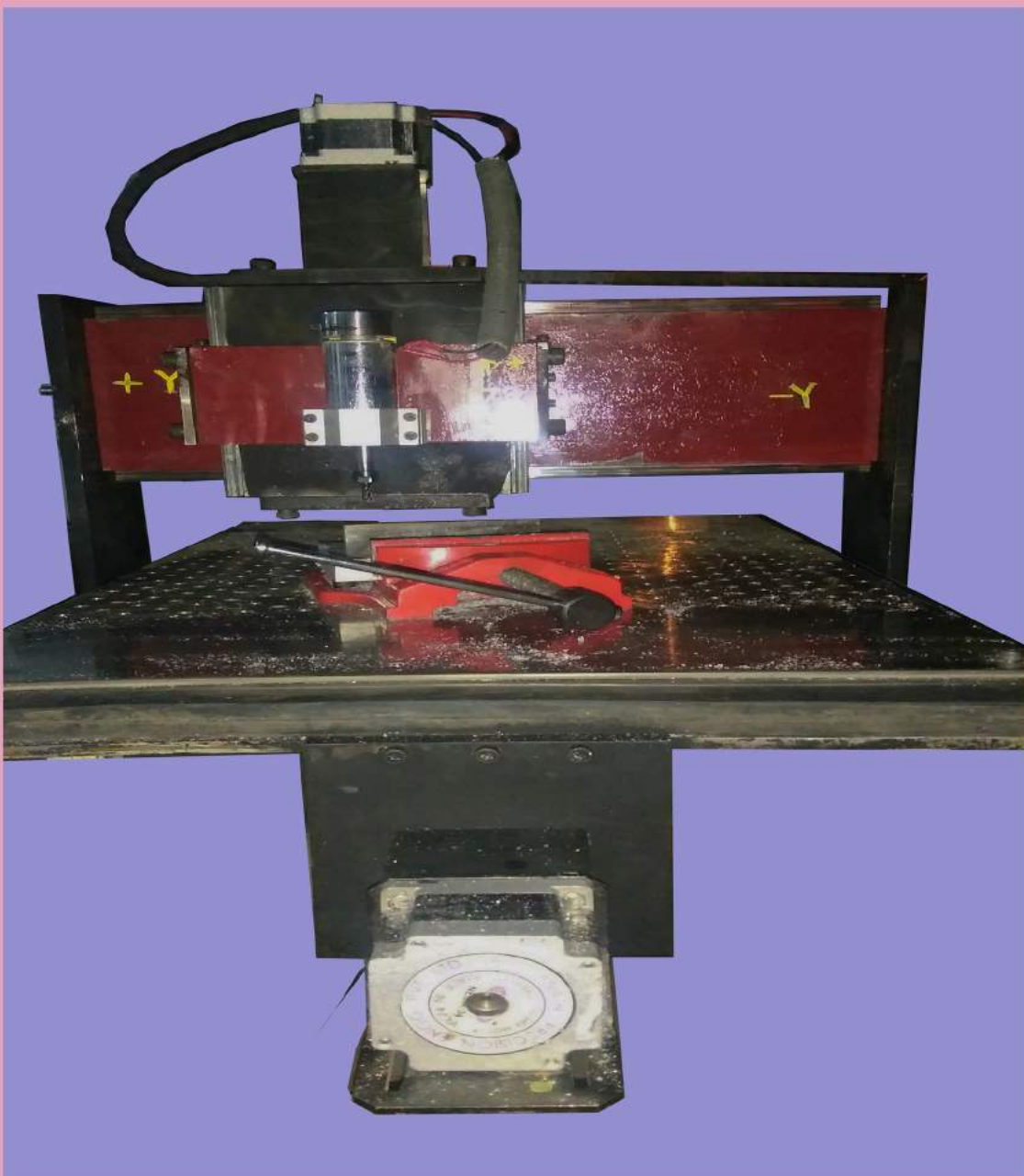
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**Perfect solution for introducing
CNC machining in your institute.**

This small scale gantry type CNC will be a complete package to be inducted into the syllabus in order to give students a complete knowledge of CNC designing, prototyping and machining processes.



EsteemCNC Educational Package: First CNC solution for educational institutions

This all inclusive machine package provides everything you need for CNC machining including the machine along with controller, software, desktop computer, and tool box.

Past: Before now, educational institutes had to buy expensive CNC machines which are more production oriented and less of academic use.

Future: Now with our complete CNC educational package which is oriented towards educating students and very reasonably priced, educational institutes can now acquire seamlessly built and perfectly integrated teaching aid in domain of CNC programming and machining.

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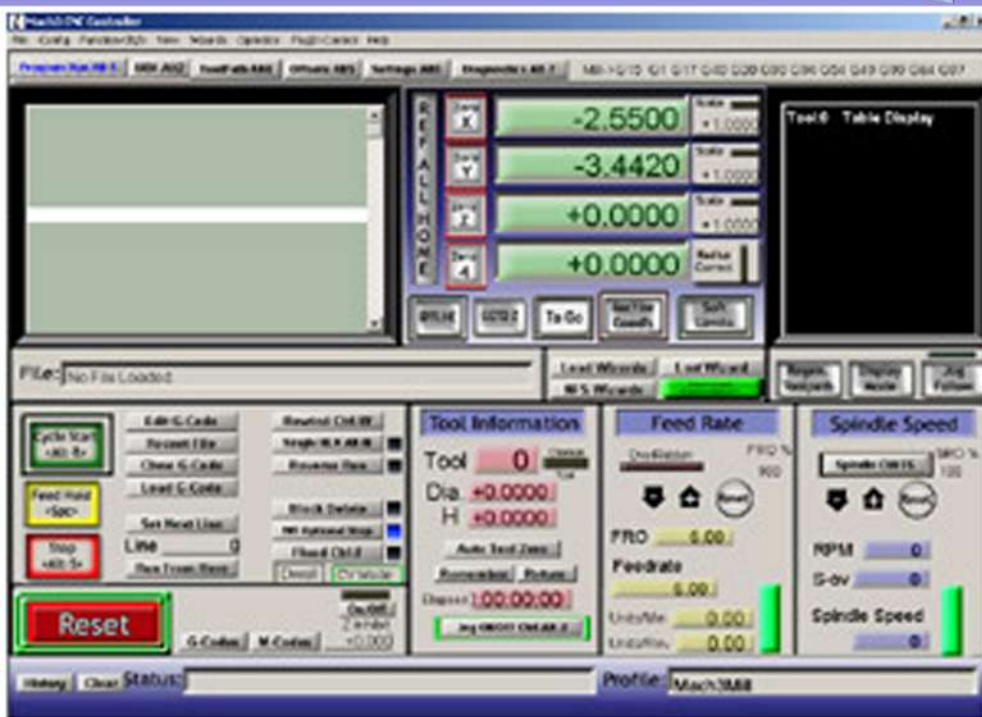
Software and Controller



Mach3 turns a typical computer into a CNC machine controller. It is very rich in features and provides a great value to those needing a CNC control package. Mach3 works on most Windows PCs to control the motion of motors (stepper & servo) by processing G-Code. While comprising many advanced features, it is the most intuitive CNC control software available. Mach3 is customizable and has been used for many applications with numerous types of hardware.

General Features:-

- Converts a standard PC to a fully featured, 6-axis CNC controller
- Allows direct import of DXF, BMP, JPG, and HPGL files through LazyCam
- Visual Gcode display
- Generates Gcode via LazyCam or Wizards
- Fully customizable interface
- Customizable M-Codes and Macros using VBScript



- Spindle Speed control
- Multiple relay control
- Manual pulse generation
- Video display of machine
- Touch screen ability
- Full screen eligibility

Specifications: EsteemCNC Mill

1) Table	
Table size	560*560(mm)
Travel X-axis	685 (mm)
Travel Y-axis	490 (mm)
Travel z-axis	140 (mm)
Fixture	150*150(mm)
Max. Job size	150*150*70(mm)
2) Spindle	
Motor Power	400 Watt
Speed range	3000-5000 rpm
Position accuracy	.05(mm)
3) Axis	
Stepper motor (X,Y,Z)	3.8N-m, 3.8N-m, 3.8N-m
Ball Screw (X,Y,Z)	12 (mm)dia.*1060(mm) 12(mm)dia.*830(mm) 12(mm)dia.*440(mm)
Ball Screw Pitch	2mm
Stepper angle	1.8
Phase	Single-Phase
Current	10A
Voltage	48V
Torque	3.8N-m
4) Electrical	
Power Requirement	220V (AC), 50Hz
5) General specifications	
Machine Dimensions	1305*930 (mm)
Shipping Dimensions	1500*1000(mm)
Machine weight	450Kg
Shipping Weight	520Kg

EsteemCNC Mill: Cost Breakup



Sample Job Profile

Machine	INR1,05,000/-
Software	INR 15,000 /-
Tooling	INR 10,000/-
Desktop	INR 15,000/-
Support**	INR 5000/-
TOTAL	INR 1,50,000/- + GST

*Additional software requirement should be provided by customer

**Expenses on support and services will be according to demand of the customer

***specifications can be altered based upon customer requirements

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