

**Product Name :**  
CNC LATHE TRAINER

**Product Code :**  
Technology0001



## Description :

CNC LATHE TRAINER

## Technical Specification :

- Rugged Machine with Ground Bed
- Drive to Both Axes with powerful Stepper Motors
- Imported Ground Ball Screw with Zero Backlash
- Variable Speed DC Drive to Spindle with DC Motor
- Constant Surface Cutting Speed is possible
- Wear Resistant Turcite material is Provided on Beds
- Specially Designed Cross Slide Casting For Turret/Tool post Mounting
- Stick slip Motion is Totally Avoided
- Best Dynamic Performance with Ramp Function For Stepper Motor Drive
- Totally Enclosed High Visibility Guard
- Machine is Directly Linked to PC Hence Loading Of Program On Micro-controller is not Required
- Independent and Modular Power Drives are provide for both the axes
- Burn in Components are used in controller which works at 150% Load
- Powerful PC Software for Graphic
- Off Line Help Facility & Programming Also Available
- High Speed Integer Interpolation System For Circular Interpolation
- MDI Programming Facility
- Display Of Actual Feed Rate, Spindle Speed In Execution & Simulation Mode
- All Error Codes Are Shown In The Form Of Graphics
- Various CANNED Cycles Are Provided

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- Automatically Detects Wrong Step in Programming
  - All Electronic Cards are Tested at 50 Degree Centigrade
  - Safety Functions With Emergency Stop, Overtravel Limits
  - Alarm & Self Diagnosis Functions are Provided
  - Easy Maintenance with Spare card System by Layman
  - User Friendly & Detail Operation and Provided
  - Lynch as well as Metric Programming
  - Subprogram with Repeat Facility
  - Manual & Programmable Machine Stop
  - Single Block Or Auto Execution
  - Full New, Edit, Load, Delete & Print Mode
  - Programmable Dwell

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