

Product Name :
CNC Lathe Trainer**Product Code :**
LABENGINEERING-INDIA-CAT140002**Description :**

CNC Lathe Trainer

Technical Specification :

Rugged Machine with Ground Bed.
Stepper Motors with Powerful Stepper Drive for both the Axes.
Constant Surface Cutting Speed
Stick-Slip Motion is Totally Avoided.
Totally Enclosed High Visibility Guard.
Powerful PC Software for Graphic.
Imported Ground Ball Screw with Zero
Variable Speed DC Motor & Drive
For Spindle
Off line help Facility & Programming Facility.
MDI Programming Facility.
Display of Actual Feed Rate, Spindle Speed
In Execution & Simulation Mode.
Various Canned Cycles are provided.
Programmable Dwell.
Automatically Detects Wrong Step
Safety Functions with Emergency Stop,
Over Travel Limits.
Alarm & Self Diagnosis Functions are provided.

Inch as well as Metric Programming.
Subprogram with Repeat Facility.
Manual & Programmable Machine Stop.

SPECIFICATION:

Center Height: 100 mm.
Swing Over Cross Slide: 50 mm.
Distance Between Centers: 150 mm
Max. Machining Diameter: 30 mm.
Max. Longitudinal Travel: 200 mm.
Minimum Increment: 0.005 mm.
Minimum Movement Command X (Radial): 0.005 mm.
Minimum Movement Command Z: 0.005 mm.
Spindle Inside Taper: MT2.
Cross Slide Inclination: 0 Degrees.
Standard Cutting Tool Size: 16 x 16 mm.
Spindle Motor: VDC Motor, 1HP.
Spindle Motor Speed: 40 to 1500 RPM.
Threading: Straight.
Input System: Metric / Inch.
Axis Control: VSimultaneous.
Interpolation: Linear, Circular.
Rapid Feed Rate X: 700 mm / Min.
Rapid Feed Rate Z: 700 mm / Min.
Speed Override: 20% – 160%.
Feed Override: 40% – 120%.
Repeatability: ± 0.020 mm.

CNC Lathe Trainer from India for Engineering Lab

CNC Lathe Trainer, CAD CAM Lab, Trainer, Engineering Lab, Engineering Lab Equipment, Mechanical Engineering, Lab Equipment, CAD, CAM, CAD CAM Trainer



Engineering Lab Equipment India