

**Product Name :**  
CNC Lathe Trainer

**Product Code :**  
CHINAELABC2540002



#### **Description :**

CNC Lathe Trainer Rugged Machine with Ground Bed. These CNC machines are developed specially for universities and their construction, features and operation is tweaked to give students a better understanding of CNC Trainers

#### **Technical Specification :**

##### **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.

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Rapid Feed Rate X: 700 mm / Min.  
Rapid Feed Rate Z: 700 mm / Min.  
Speed Override: 20% – 160%.  
Feed Override: 40% – 120%.  
Repeatability:  $V_{\pm 0.020}$  mm.



**Engineering Lab China**