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Product Name :	**Product Code :**
CNC Lathe Trainer	SCHOOL-CAD890002

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: V±0.020 mm.

NAUGRA®

School Educational Instruments

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