

FEATURES:

- Ships fully assembled, plug in and operate
- 3-axis linear and 2-axis circular interpolation
- Enclosed linear bearing system with steel shafting and recirculating bearings
- Ball screw drive system adjusted for zero backlash
- Stepper motor or closed-loop servomotor drive system options
- Fixed-bridge moving table design
- Axis limit switches on all three axes
- T-slot table surface for easy part fixturing
- Servo model has tool calibration touch pad
- Moving work piece setup saves space
- Both stepper and servo options are compatible with various Educational Curriculums such as the CO2 Car, Intro to CNC Machining, F1, Reverse Engineering and More!



Model 1012
(Shown with Safety Enclosure)

Techno Stepper DaVinci Educational CNC Router Package (similar package available for servo model)

Model 1012 includes the following:

- (1) 1012 DaVinci Router
- (1) 800 W Variable Speed Router (w/Dust Shroud)
- (2) CAM Clamps
- (2) Clamp Bars
- (1) Router Bit & Engraving Tool Bit Set
- (1) 1/4", 1/8" collets (each)
- (1) 3/16" collet adapter
- (1) GCODE CNC Interface

Training and Installation are included in this package!

Package Part Number: HL33SBME242515

DaVinci Package Upgrades & Tooling Kits

| | |
|--------------------------------|------------------------|
| Safety Enclosure | HX3500-242123V |
| Enclosure Computer Shelf | HX3500-242SHLF |
| CO2 Car Fixture (M9) | H30I1090-CO2CAR |
| CO2 Car Fixture (M10) | H30I1010-CO2CAR |
| F1 Car Adapter | H30I10-F1 |
| 3D Touch Probe Adapter | H22X10-3DPROBE |
| DaVinci Machine & Engrave Bits | H25X00-DAV1 |
| 14-Piece Engraving Tool Set | H25X00-ENGRAVE |
| Wood & Plastic Tool Set | H25X00-WP1 |

SPECIFICATIONS:

Dimensions in inch

| Machine Model | Work Envelope | | Repeatability | Maximum Speed in/min | *Bridge Clearance | Z-Axis Travel | Motor Drive Type |
|---------------|---------------|------|---------------|----------------------|-------------------|---------------|------------------|
| | X | Y | | | | | |
| 1012 | 10.0 | 12.0 | .004 | 150 | 3.5 | 5.0 | Stepper |
| 1419 | 19.6 | 14.7 | | 250 | 4.9 | 6.8 | Servo |

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