

=HD-II TABLETOP

HDII Tabletop Series CNC Router

Techno's HD II tabletop CNC Router is a compact version of a full-scale CNC system that can be implemented in a production environment or educational setting. Techno CNC's new HD II Tabletop CNC Router features a 20 x 34 process area, with a 7-1/2 gantry clearance and a 9-1/2 Z-axis stroke – comes standard with a 2HP HSD high frequency collet spindle, and vacuum t-slot table. Additional options include a steel base and full safety enclosure with door interlock ideal for educational institutes, a 4th axis rotary table, and tool kits. Additional features include Ball screws on all 3 axes, brushless stepper motors (servo optional), Heavy duty phenolic vacuum table with aluminum t-slot channels, and Techno's hand-held controller which is the heart of the operational system. This hand-held controller redefines the phrase "easy-to-use".



Specifications:

- 20" x 34" Process Area
- Precision ball screws on all three axes
- 2 HP HSD high frequency collet spindle
- Brushless micro stepper motors and controls
- Vacuum T-slot table for easy part fixturing
- Easy-to-use hand held controller
- Automatic tool calibration pad
- Precision linear rails and bearings

OPTIONS:

- Steel base with casters
- Full safety enclosure
- Cam Clamp
- Clamp bar
- Vise
- Vacuum pump
- 1 1/2 HP dust collector
- Toggle clamp set (4 pc)
- Coolant system
- 4th Axis rotary table with tailstock

Features:

Spindle



The HDII Tabletop CNC Router comes with a 2 HP HSD high frequency collet spindle, 6,000 – 18,000 rpm ER 25 industry standard collets. Includes Vacuum Hood with 3" connection, collet wrenches, 1/8", 1/4", and 3/8", ER25 collets, and cover nut.

Enclosure



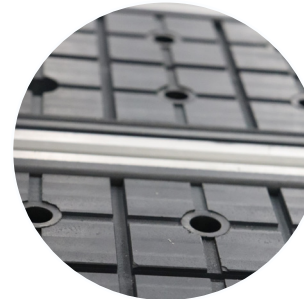
Optional Techno's heavy duty steel base includes hand jack center cross strut for easy maneuverability. Techno's educational safety enclosure feature ergonomic front main door with vertical swing, two side doors, (8) enclosure viewing windows, and 3.0" top dust collection port. Techno's HD-II Table top router with stand and enclosure is designed to roll through a standard 36" door opening making this model machine easy and convenient to move around facility.

Hand-held Controller



The HDII Tabletop CNC Router comes with a 2 HP HSD high frequency collet spindle, 6,000 – 18,000 rpm ER 25 industry standard collets.

Vacuum Table



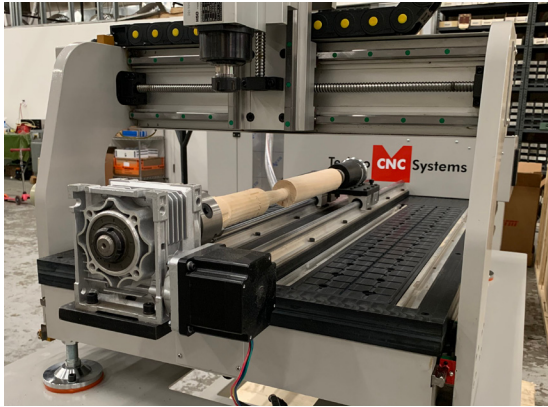
Techno vacuum t-slot table comes standard on our HD-II tabletop machine. This unique design features multi-port zone sections which allows users to move gasketing around to create concentrated vacuum zones, where desired. The heavy duty aluminum t-slots allow for mechanical fixturing, if vacuum is not required.

Hand-held Controller Features



- CNC Control macros features include:
- Easy to read programmed buttons
 - Start, stop, and pause buttons
 - E-stop on hand-held pendant
 - Real time feed, speed and spindle override
 - Single button for XY zero
 - Easy one stroke automatic tool length calibration
 - Pre-programmed go-to-origin macro
 - CNC dust hood control with manual override
 - Single button control for manual load/unload of tool
 - X and Y straight and diagonal jog control
 - Toggle between low and high speed jogging
 - Step jog for fine incremental control
 - Resume breakpoint function
 - Built-in-help tips menu
 - Single button for safety clearance position
 - Absolute and relative coordinates control
 - Send to home button

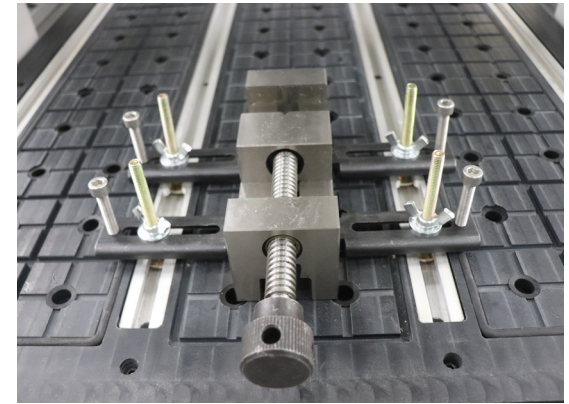
Options



4th Axis Rotary Table: includes 3.0" 3-jaw chuck, linear guide rails, and live tail stock



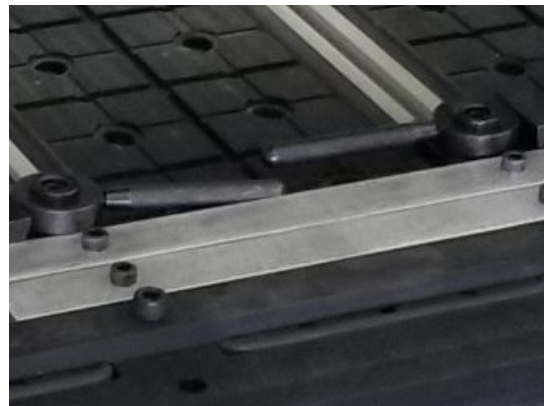
Toggle Clamps



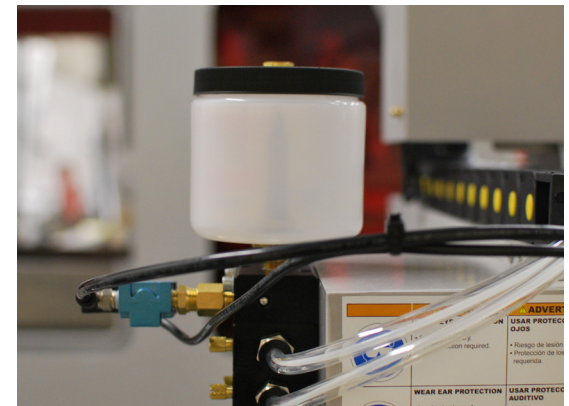
Machine Vice



Safety Enclosure: Techno's heavy duty steel base includes hand jack center cross strut for easy maneuverability. Techno's safety enclosure feature ergonomic front main door with vertical swing, two side doors, (8) enclosure viewing windows, and 3.0" top dust collection port. Techno's HD-II Table top router with stand and enclosure is designed to roll through a standard 36" door opening.

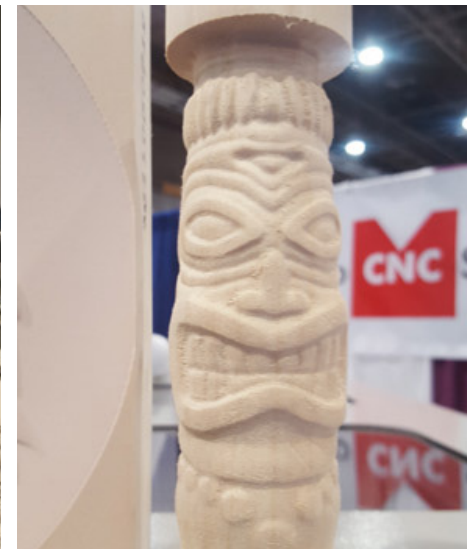
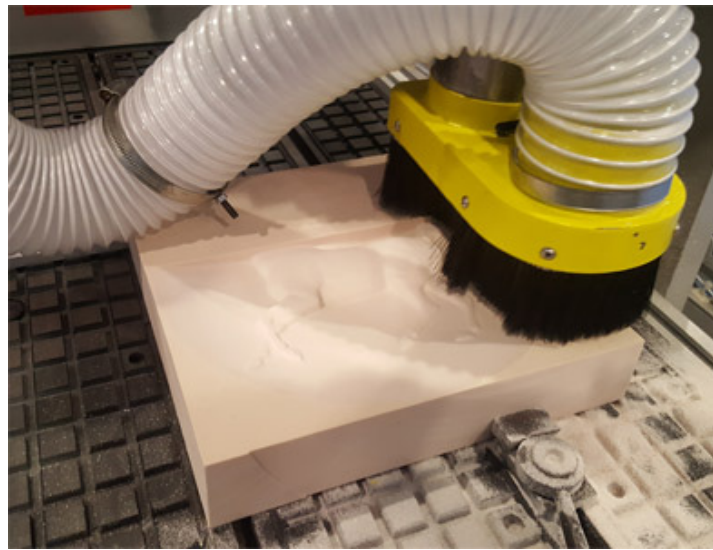


Cam Clamp



Coolant System: The Micro-Drop Coolant System is ideal for use with the Techno machines. The unit's micro dispenser delivers a very small amount of high-performance vegetable-based lubricant to the cutting tool by atomizing the lubricant in a high-velocity air stream. The result is higher material removal rates, improved finish, tighter tolerances and increased productivity.

See What the HDII Tabletop Series Can Do



Techno Systems

CNC ROUTERS • CNC PLASMA CUTTERS