

Techno **CNC** Systems

Educational



HD Mini 2436 Tabletop CNC Router

- 24" x 36" Process area
- Precision ball screws on all three axes
- 2 HP high frequency collet spindle
- Brushless micro stepper motors and controls
- Vacuum T-slot table for easy part fixturing
- Automatic tool calibration pad
- Linear rails and bearings
- Easy to Use Hand-Held Controller



HD Mini CNC Router

- 23" x 35" Process area
- Precision ball screws on all three axes
- 2 HP HSD high frequency collet spindle
- Brushless micro stepper motors and controls
- Aluminum T-slot table for easy part fixturing
- Automatic tool calibration pad
- Linear rails and bearings
- Easy to Use Hand-Held Controller



HD CNC Router

- Standard sizes: 4' x 4', 4' x 8' and 5' x 10'
- 4 HP HSD high frequency collet spindle
- Maintenance free high precision brushless stepper drive motors
- Automatic tool calibration pad
- 4-zone vacuum T-slot table
- Easy to Use Hand-Held Controller
- Open architecture works with all industry standard CAD/CAM software



CNC Laser Cutter

- Standard sizes: 4' x 3' and 4' x 8'
- Precision linear rails and bearings
- State-of-the-art CO2 laser
- Micro stepper controller
- Easy-to-use control console with large LED Display
- Vertical blade table surface
- Water chiller
- Downdraft fume evacuation system
- Open architecture compatibility with popular graphic software packages



CNC Plasma Cutter

- Standard sizes: 4' x 4', 4' x 8' and 5' x 10'
- PC based WinCNC Controller
- Unique design, easy to learn and operate
- All steel construction for rigid platform
- Precision helical rack and pinion on X and Y axes with ballscrew on the Z axis
- Electronic Torch Break away
- Brushless micro stepper motors and drives
- High-speed cutting up to 800 IPM
- Cuts up to 1.5" thick steel capacity
- Water Table / Steel V-grid / Downdraft
- Automatic torch height control (THC)
- Multiple torch options available

Techno CNC Systems



E-408 CNC Router

- Standard sizes: 4' x 4' and 4' x 8'
- 4 HP HSD spindle
- Ball screw on Z Axis
- Drive system: Precision rack-n-pinion on X / Y
- Maintenance free high precision brushless stepper drive motors
- Automatic tool calibration pad
- 4-zone vacuum T-slot table
- Easy to Use Hand-Held Controller
- Open architecture works with all industry standard CAD/CAM software



HD II CNC Router

- Standard sizes: 4' x 4' and 4' x 8'
- 12 HP HSD high frequency automatic tool changer spindle with 8-position tool rack
- Maintenance free high precision brushless stepper drive motors
- Automatic tool calibration pad
- 4-zone vacuum T-slot table
- Easy to Use Hand-Held Controller
- Open architecture works with all industry standard CAD/CAM software



HDS CNC Router

- Standard sizes: 4' x 4', 4' x 8' and 5' x 10'
- 12 HP HSD high frequency automatic tool changer spindle with 8-position tool rack
- Maintenance free brushless Delta AC servo motors and drives
- Automatic tool calibration pad
- 4-zone vacuum T-slot table
- Pneumatic material placement stops
- Osai industrial AC servo controller
- Hand-held pulse generator
- Easy to use Techno CNC Interface
- Open architecture works with all industry standard CAD/CAM software



BT1212 Benchtop CNC Router

- Precision ball screws on all three axes
- 800 Watt (1 HP) Kress variable speed spindle 8,000-24,000 RPM
- Brushless micro stepper motor control system
- Aluminum T-slot table
- Compatible with G code and M codes
- Cast metal base construction
- Easy to Use Hand-Held Controller
- Includes: 1/8", 1/4" collets and wrenches