

## Premium Class

The Premium Class CNC Router line offers tremendous production capabilities for, routing: plastic, wood, aluminum, composites, and more (either in nested-based form or individual component processing). Because of Techno's unique machine design and long-term market presence, the Premium Class is a high-quality machine at an economical price. Check out all the features that come standard with this machine below.



### FEATURES

- All steel construction
- Ball screw drives on all 3 axes, providing the highest degree of accuracy and repeatability which results in machine longevity, and requiring minimal maintenance
- THK rails and bearings on all 3 axes. These high-grade carriages provide smooth, play-free motion, and can handle very high loads,

which, in turn, provides an excellent edge finish

- Closed-loop brushless servomotors. These high-powered motors and drives monitor the machine's position at all times
- Premium Class machines come standard with a PC, touchscreen monitor and local controls mounted on a control console. The customer

just has to connect the power and the machine is ready for production

- Techno Windows-based G-Code Interface is included with the system. It provides production logging and reporting, infinite look-ahead and continuous motion. Free software updates via the internet
- Tool calibration touch pad



## MACHINE SPECIFICATIONS: PREMIUM CLASS

Dimensions in inch

Machine Model	*Work Envelope (X x Y)	**Floor Print (W x L x H)	Repeatability	Resolution	Maximum Speed in/min	Bridge Clearance	Z-Axis Travel
5950	59 X 50	93 x 102 x 70	.001	.0002	800	11 or 20	12 or 24
59120	59 x 120	93 x 175 x 70					
59144	59 x 144	93 x 199 x 70					

\*Special sizes available upon request

\*\*"H" dimension for 11" bridge clearance, add 10" to "W" if equipped with Drill Bank

## OPTIONAL ACCESSORIES

- Router Spindle
- 9-Spindle Drill Bank
- Coolant Systems
- C-Axis
- Fixturing Clamps

- Vacuum Table
- Dust Collector
- 4th Axis Rotary Table
- Aggregate Tooling
- Multiple Spindles

- Vacuum Pump
- Software
- Laser Scanner/Rev Eng.
- Tooling Kits
- Laser Pointer



*"We purchased the machine because we needed to streamline our production. The purchase of the Techno Premium Class machine has opened up new avenues of business and has reduced our labor costs considerably. We use MasterCam software and we seem to learn something new every day on how we can manufacture our product easier."*

**Company:** Benson Woodworking  
**Contact:** Tom Benson  
**Location:** Hauppauge, NY  
**Market:** Custom Millwork  
**Shop size:** 5,000 sq.ft.  
**Customer:** Since 2000  
**Model:** Premium Class 5996