

LC Series

Techno offers 4 models of the LC Series CNC Router. All four models are constructed on a heavy-duty steel base and all come standard with ball screws on all three axes, and closed-loop servo controls. The use of such superior components, results in superior machine performance and longevity. This series machine is an excellent choice for small to mid-sized shops, and will meet all demanding applications at a very low price. This machine is an excellent entry-level machine that allows the user to start with the basics and build on it as the business grows. See next page for available accessories.



FEATURES

- Ships assembled and tested
- Ball screws 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 Y-axis. These high-grade carriages provide smooth motion, longevity, and can handle very high loads, which, in turn, provides an excellent edge finish
- Closed-loop servomotors. These high-powered motors and drives monitor the machine's position at all times
- End of travel limit switches
- Proprietary X-Z axis beam design which helps keep debris and dust away from drive components. This unique design keeps the machine running while keeping machine maintenance to a minimum
- 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
- Heavy-duty aluminum T-Slot table surface which can easily be upgraded for vacuum table hold-down
- Tool calibration touch pad



Model 78120



Model 4896

MACHINE SPECIFICATIONS: LC SERIES

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
4848	48 x 48	74 x 83 x 60	.001	.0002	250 or 800	5.0	8.9
4896	48 x 96	74 x 125 x 60					
59120	59 x 120	109 x 149 x 60					
78120	78 x 120	109 x 149 x 60					

OPTIONS and ACCESSORIES

- Vacuum Table
- Vacuum Pump
- Automatic Tool Changer
- CAD/CAM Software
- Variety of Spindles
- Variety of Clamps
- Laser Pointer
- Dust Collectors
- Manual Quick Changers
- Rev. Engineering Laser Scanner
- 4th Axis Rotary Table
- Computer
- Coolant Systems
- Tooling Kits
- 2D or 3D Digitizing Probe
- Tool Calibration Touch Pad



"The Techno machine (LC Series) has dramatically expanded my capabilities by making it possible to produce beautiful 3D images as well as very accurate 2D designs in very little time. In the first four months, it has already generated about \$4,000 of additional revenue, so it should easily pay for itself in the first year."

Company: LCI Signs
Contact: Dave Wartman
Location: Pine, CO
Market: Signage
Shop size: 1,500 sq.ft.
Customer: Since 2002
www.lazerconcepts.com