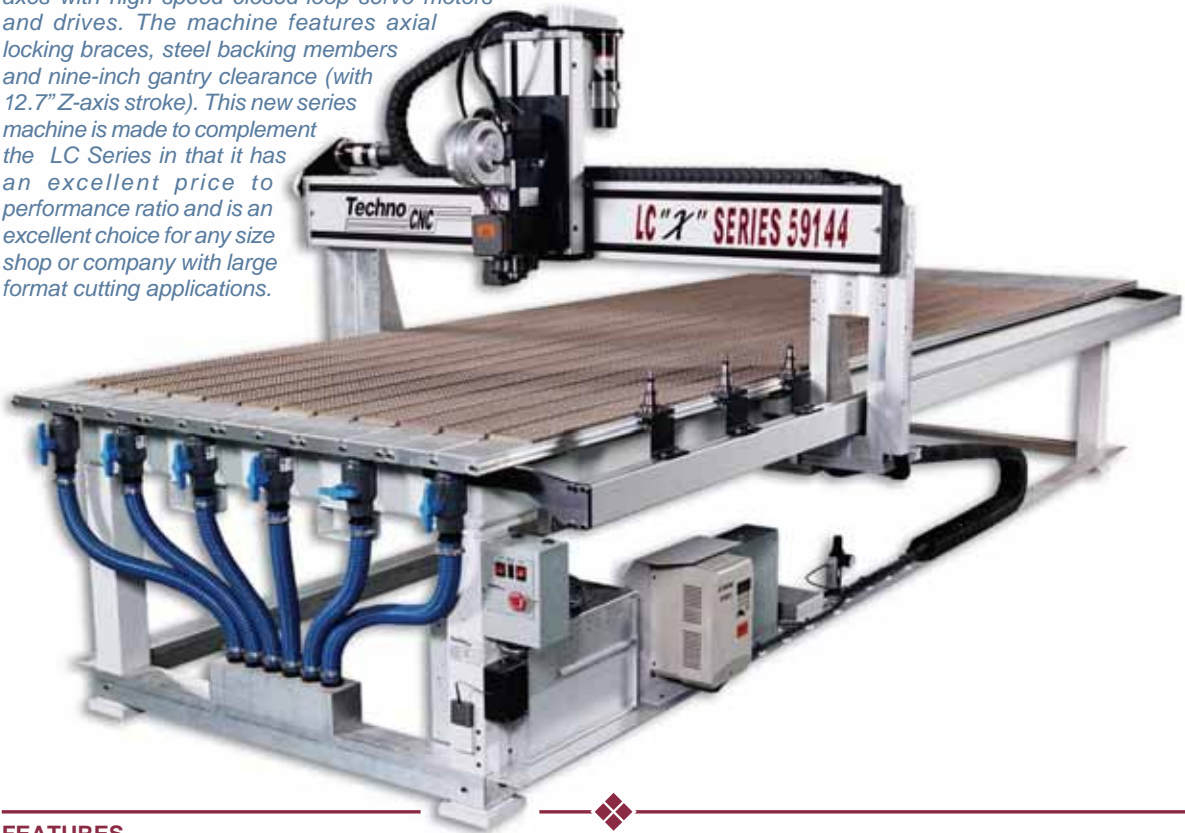


LC“X” Series

Techno offers 8 models of the LC“X” Series CNC Router. The LC“X” machine is designed to meet large format routing applications. The frame construction consists of large heavy steel tubing that is welded and stress relieved. This heavier frame design provides a rigid foundation for the machine, thus resulting in superior machine performance. In addition, the machine’s standard drive components consist of ball screws on all three axes with high speed closed-loop servo motors and drives. The machine features axial locking braces, steel backing members and nine-inch gantry clearance (with 12.7” Z-axis stroke). This new series machine is made to complement the LC Series in that it has an excellent price to performance ratio and is an excellent choice for any size shop or company with large format cutting applications.



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



MACHINE SPECIFICATIONS: LC"X" SERIES

Dimensions in inch

Machine Model	Work Envelope (X x Y)	Floor Print (W x L x H)	Repeatability	Resolution	Max. Speed in/min	Bridge Clearance	Z-Axis Travel
48168	48 x 168	74 x 197 x 60	.001	.0002	800	9.0	12.7
59120	59 x 120	82 x 149 x 60					
59144	59 x 144	82 x 173 x 60					
78120	78 x 120	109 x 149 x 60					
78144	78 x 144	109 x 173 x 60					
78168	78 x 168	109 x 197 x 60					

OPTIONS and ACCESSORIES

- Vacuum Table
- Vacuum Pump
- Automatic Tool Changer
- CAD/CAM Software
- A Variety of Spindles
- A 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



"We chose a Techno CNC Router because the machine quality is excellent, they answered all our technical questions and the overall presentation was very professional. It only took one year to get a full return on our investment. The LC"X" router has reduced our labor costs by almost 60%, increased our production and added a new element of creative carpentry to our shop. The capabilities seem endless."

Company: Chicago Millwork
Contact: Steve Naines
Location: Chicago, IL
Market: Custom Architectural Millwork
Shop size: 22,000 sq.ft.
Model: LC"X" 48168
Customer: Since 2005