

LC SERIES

THE NEW GENERATION

Techno
CNC
Systems



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ABOUT THE LC SERIES NEW GENERATION



Since 2001, the Techno LC Series CNC router has been a legendary leader in the CNC router market. This machine was engineered to provide high quality and reliable performance, at an "LC" (Low-Cost) price, backed by superb customer service and support. With thousands of machines sold worldwide, our customers have enjoyed the precision and reliability of the LC Series model. 23 years later, these machines are still running and are happily running daily in workshops across the US. We are still supporting these machines for free, 23 years later.

Discontinued a few years ago, our customers have been requesting us to bring back this legendary CNC machine after having such success with their Techno router. Equipped with the newest modern technology and features, we are happy to introduce the NEW Generation LC Series that will follow suit to its predecessor. This new machine is bigger and better, featuring all steel construction and new ball screw technology. Available in three sizes, 4' x 4', 4'x8' and 5'x10' with a 12" gantry clearance, this machine comes standard with a 12HP automatic tool changer, 8-position tool rack, and pneumatically operated vacuum hood. In addition, a 4-zone vacuum T-slot table, digital AC servo motors and drives, precision linear rails and bearings, all driven with an easy-to-use and learn handheld controller.

WHAT MORE CAN YOU ASK FOR?

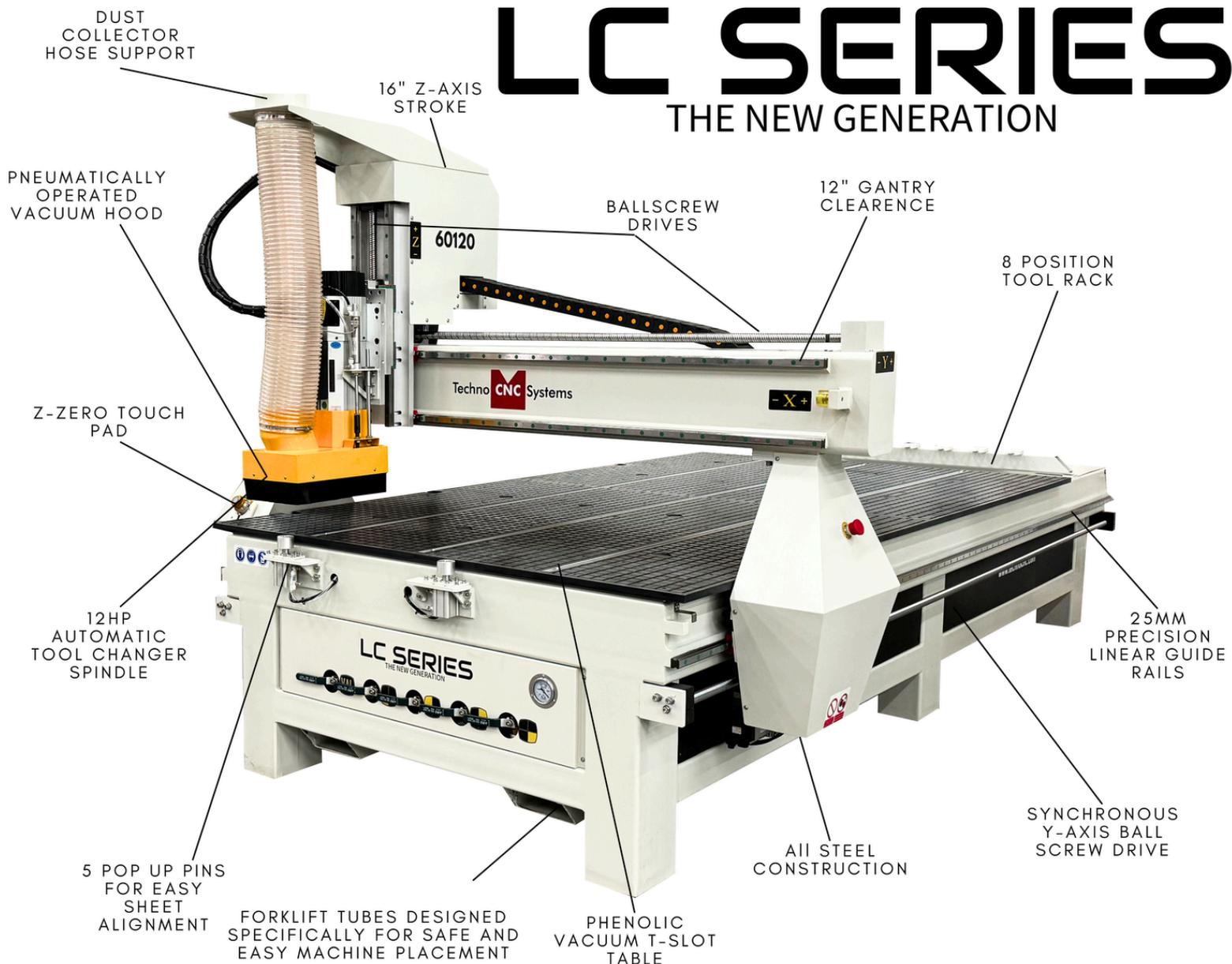
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IMPRESSIVE FEATURES

INCLUDES:

- ✓ All Steel Construction
- ✓ 12HP Automatic Tool Changer Spindle
- ✓ Available in 4'x8' and 5'x10' Stock Sizes
- ✓ 8 Position Tool Rack
- ✓ 4-Zone Vacuum T-slot Table
- ✓ Pneumatically Operated Vacuum Hood
- ✓ Open architecture works with all industry standard CAD/CAM software



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IMPRESSIVE FEATURES

CONSTRUCTION FEATURES

STEEL BASE

The base frame is fabricated from heavy-duty tubular steel that is welded, stress relieved and precision machined, so that the foundation remains true and steady over the operational life of the machine. The machine weighs in at over 5,500 lbs.



GANTRY

The LC comes standard with a 11" raised gantry. The gantry is constructed of tubular steel that is precision machined. This quality engineering and workmanship results in smooth precision cutting.



SPINDLE

The New Generation LC Series machine comes standard with a 12 HP high frequency automatic tool changer spindle. This precision spindle requires no maintenance, uses industry standard ER collets and ISO 30 tool holders, is fully programmable with speeds from 6000 to 24000 RPM, and comes complete with a pneumatically retractable vacuum hood.



TOOLING

The New Generation LC Series machine includes an 8-position tool rack in the rear of the machine. The position of this rack allows for easy loading and unloading of material from either side of the machine.

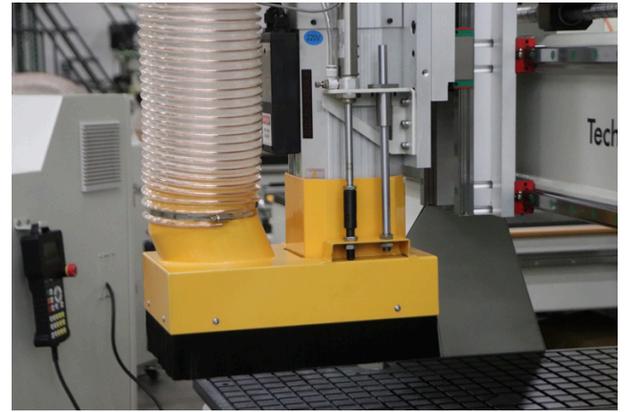


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VACUUM SHROUD

The New Generation LC Series includes a pneumatically retractable CNC vacuum hood with a 6" connection, thus creating a concentrated cyclonic effect resulting in efficient removal of all dust and debris.



DRIVE MOTORS

The New Generation LC Series CNC Router utilizes digital AC servo drive motors and drives. These motors require no regular maintenance – therefore, reducing any maintenance downtime.



ELECTRONICS

All the electrical components are housed and wired in a doubled-doored NEMA 4 electrical enclosure. This allows for easy access and service when needed. All wiring is tagged so that when service is required, the customer can easily navigate the cabinet. In addition, the cabinet serves as a work bench for the tools required. tool changer. This precision spindle requires no maintenance, uses industry standard ER collets and ISO 30 tool holders, has fully programmable speeds from 6000 to 24000 RPM

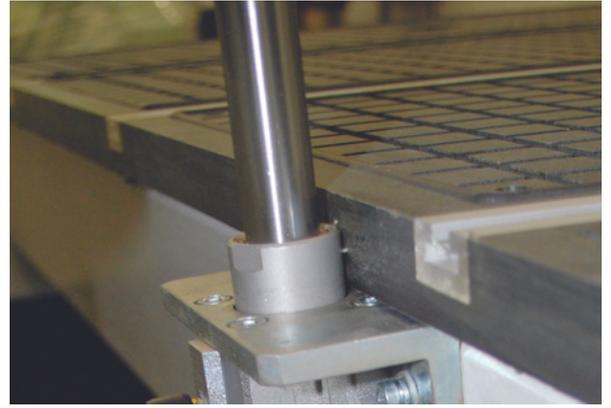


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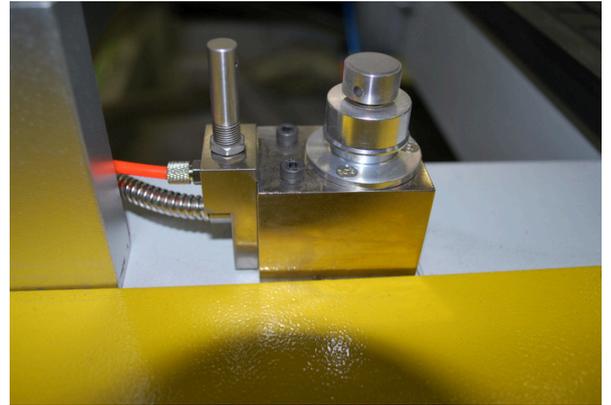
POP-UP PINS

The Techno New Generation LC Series Machine comes standard with 5 pop up pins. These pins allow the operator to bank the edge of the material against them precisely aligning the material to the axis of travel and always having a common origin.



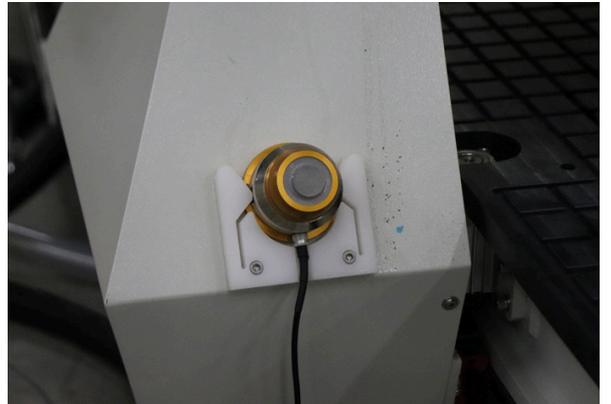
TOOL CALIBRATION

Tool Calibration is used for recording tool length offsets. This is an automatic process for easy storage of tool length offsets



Z-ZERO TOUCH PAD

Automatic tool calibration pad allows for easy and accurate "Z" zero position



VACUUM TABLE

The New Generation LC Series comes standard with a multi-zone phenolic vacuum t-slot table. The table can be easily customized by rerouting gasketing to section off specific areas.





HANDHELD CONTROLLER

The hand-held controller is the heart of the operational system. This hand-held controller redefines the phrase "easy-to-use". Customers can be up and running the same day power is connected to the machine. Every controller has very easy-to-read, -understand, and -execute commands. The setup introduction manual provides information that will have users cutting parts in minutes



THE HIGH SPEED, EFFICIENT, AND ACCURATE MACHINING THAT YOUR BUSINESS NEEDS



Professional Equipment

Use our world class, industrial grade, easy to use equipment to meet and exceed your production needs



Free Technical Support

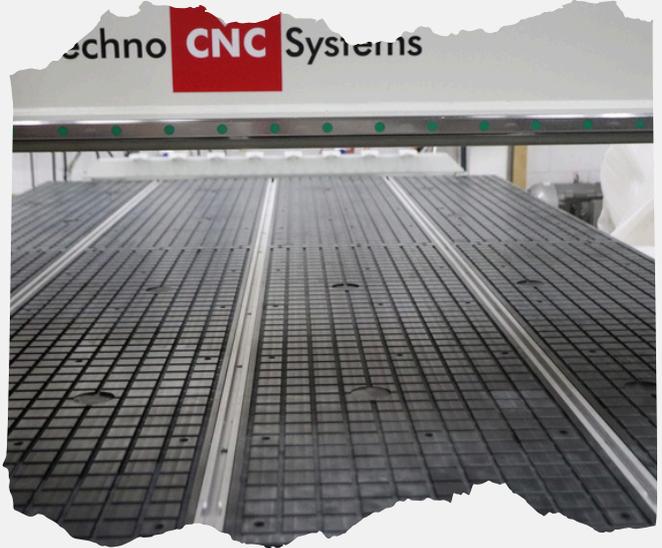
Call or email our live technical support team for quick technical support within minutes. Free for the life of your machine



Always Affordable

We are always looking out for our customers needs and budget. We will work with you to build the machine of your dreams at an affordable rate





A CLOSER LOOK



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READY TO MAKE THE PLUNGE?

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EXPANSION AND AN INCREASE IN SALES**



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