

# GOLIATH

Techno **CNC** Systems



**TECHNOCNC.COM**

29 Trade Zone Drive

Ronkonkoma, NY 11779

**Email:** [technosales@technocnc.com](mailto:technosales@technocnc.com)

**Tel:** 631-648-7481

# GOLIATH



## ABOUT OUR GOLIATH

Techno CNC Systems  
Goliath Series CNC  
Router is  
manufactured using  
the highest quality  
industrial grade CNC

router components with all steel construction and superior components such as precision linear bearings and rails. The Goliath Series CNC Router features a 12 HP HSD high frequency automatic tool changer spindle with 8-position tool rack, pneumatically retractable vacuum hood and multi-zone vacuum t-slot table. The system includes brushless AC servo motors and controls with a very easy-to-use hand-held controller

## VIEWS



## IMPRESSIVE FEATURES

### INCLUDES:

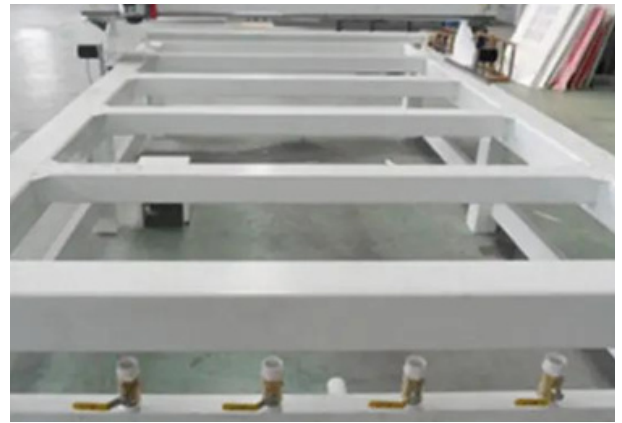
- |   |   |
|---|---|
| ✓ 12 HP HSD high frequency automatic tool changer spindle       | ✓ 8-position tool rack  |
| ✓ Maintenance free brushless Yaskawa AC servo motors and drives | ✓ 24" Gantry with 30" z-stroke  |
| ✓ Automatic tool calibration pads                               | ✓ Easy to use Hand-Held Controller                                    |
| ✓ 4-zone vacuum T-slot table                                    | ✓ Open architecture works with all industry standard CAD/CAM software |

# GOLIATH

## CONSTRUCTION FEATURES

### BASE FRAME

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



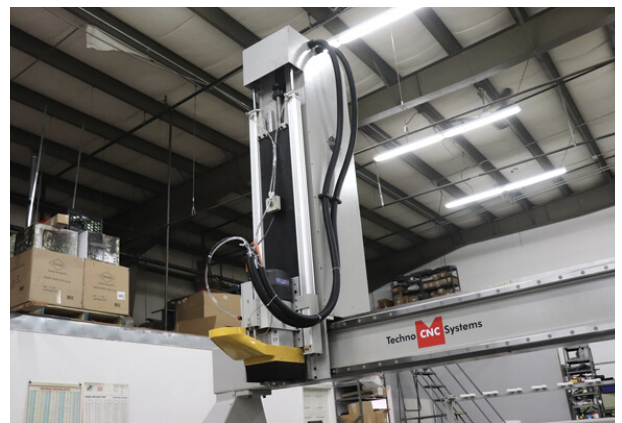
### GANTRY

The gantry is constructed of tubular steel with reinforcing ribs welded throughout the length of the column which results in a steady firm beam assembly. This quality engineering and workmanship result in smooth precision cutting.



### SPINDLE

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



### TOOL HOLDER CLAMP

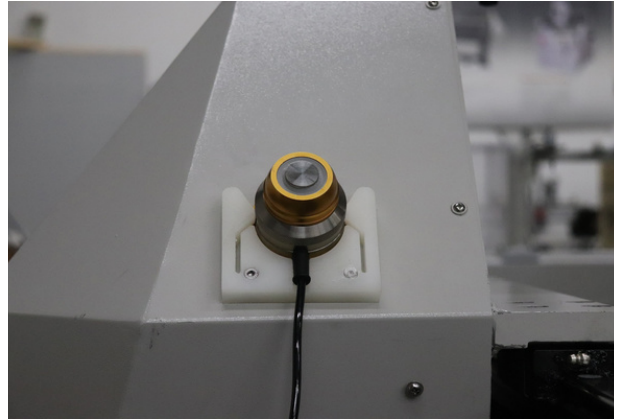
The Techno Goliath CNC Machine comes equipped with a tool holder clamp fixture, providing a much easier way of inserting and tightening the CNC router bits into your tool holder. This method is safer and easier than using the common procedure of tightening the collet nut with two wrenches while the tool holder is still in the spindle.





## TOOL CALIBRATION

Automatic tool calibration pad allows for easy and accurate “Z” zero position for single and multiple tool changes through the program. The Goliath includes (2) calibration pads; 1st is for fixed position, which records all tool length offsets and 2nd is for setting Z-Zero.



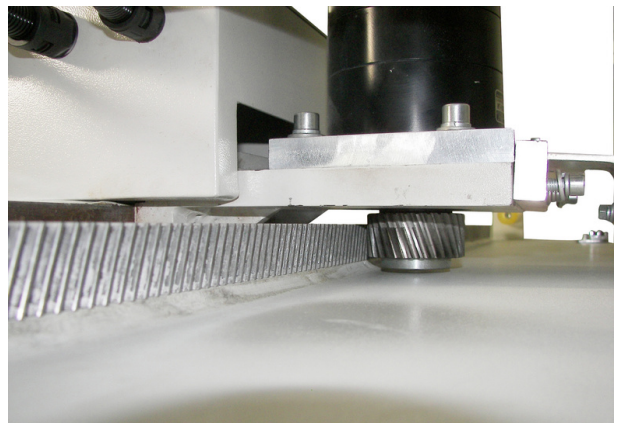
## VACCUUM TABLE

The vacuum plenum table surface is multi-zoned which allows the operator to easily switch from full sheet processing to smaller part processing, (which requires a smaller segmented area). Zones can be turned off easily via control valves on the front of the machine. Gasketing can also be routed to accommodate various material sizes and styles.



## DRIVE TRAIN ASSEMBLY

The Techno Goliath Series CNC Router uses precision helical gear racks on the X and Y axes. The mounting of the rack is inverted to help keep dust and debris from building up on the drive system, this assures smooth motion and long term reliability



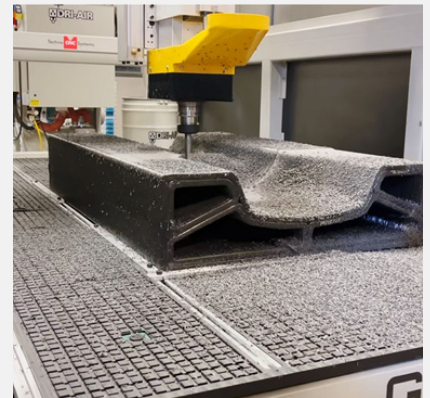
## TOOLING

The Goliath 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.





# GALLERY



CONTACT US



TECHNOCNC.COM



29 Trade Zone Drive  
Ronkonkoma, NY 11779



631-648-7481

# READY TO MAKE THE PLUNGE?

**INVEST IN A TECHNO CNC ROUTER TO ENSURE BUSINESS  
EXPANSION AND AN INCREASE IN SALES**



631-648-7481



technosales@technocnc.com



www.technocnc.com



29 Trade Zone Drive  
Ronkonkoma, NY 11779



@technocnc



youtube.com/TechnoCNCSystemsLLC

