



Impact CNC
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TORNADO

STANDARD FEATURES

- 9.0kw HSD spindle & 6-tool auto tool change rack
- Fast, durable Panasonic or Delta AC servo motors
- THK linear rails and sealed bearings
- High accuracy helical rack and pinion system
- Syntec or Osai controller system with multi-function hand wheel
- Zoned Phenolic vacuum table with powerful hold-down pump(s)
- Efficient dust extraction system
- Tool-length sensor
- Router 8 design and tool-path software
- Delivery, installation & training throughout Australia and New Zealand

OPTIONS

- Multi-bore drilling system
- Tool-change carousel on gantry
- Custom table sizes
- Extended gantry height
- Sheet loading system
- Coolant Atomiser



Tornado from Impact CNC.

TORNADO

Feature	M	L	XL	XXL
Working Area (X Axis)	1230mm	1550mm	2050mm	2050mm
Working Area (Y Axis)	2480mm	3080mm	3080mm	4000mm
Clearance (Z Axis)	200mm	200mm	200mm	200mm
Spindle	Italian HSD 9.0kw			
Spindle Speed	Adjustable 0-24,000 rpm			
Tool Change	6 Tool static rack			
Drive System (X & Y Axis)	Helical Rack & Pinion			
Drive System (Z Axis)	Ball Screw			
Drive Motors	Panasonic or Delta AC Servos			
Maximum Travel Speed	40 metres per minute (667mm/sec)			
Table Top	Phenolic Zoned Labyrinth Vacuum Bed			
Controller	Syntec			
Interface	Ethernet/USB/CompactFlash Card			
Power Requirements	3 phase 415V/50hz			
Operating Environment	Temperature: 0-45°C			
Machine Size (width)	2100mm	2300mm	2600mm	2600mm
Machine Size (length)	3300mm	4000mm	4000mm	4800mm
Machine Net Weight	1200kg	1500kg	2000kg	2200kg
Machine Gross Weight	1350kg	1800kg	2250g	2500kg

*Specifications are subject to change without notice.

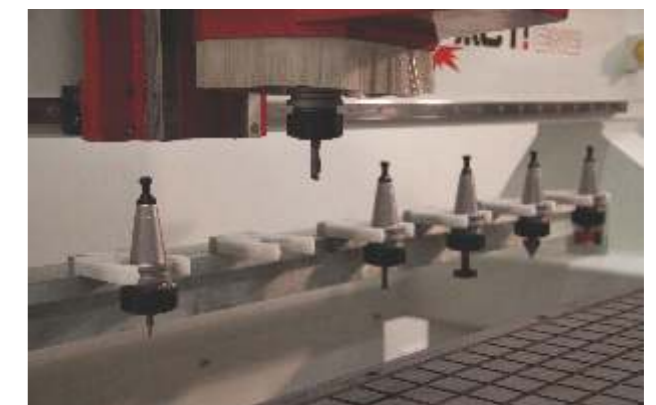
The Tornado, from Impact CNC, is the ideal machine for woodworking, signmaking and parts fabrication. It offers high speed routing of complex or simple designs along with dependability, ease of use and minimal maintenance. The cut quality produced by the Tornado will please the most discerning of operators. Impact CNC routers can cut a wide variety of materials including timber, MDF, plastics, aluminium composite, foam, soft metals and much more.

Both the steel table-frame and gantry on the Tornado are manufactured to the highest standard, ensuring outstanding rigidity. All 3 axes are powered by fast, reliable, and quiet AC Servo motors which provide plenty of torque and power. The X and Y axes run on square THK linear bearings and rails to ensure smooth and accurate travel. These bearings are factory-sealed and provide maintenance-free reliability.

Cutting on the Tornado is performed by a 9kw HSD Auto Tool Change spindle. Coupled with Impact CNC's 6-tool static rack it makes multiple-tool jobs a breeze. Saves time on every job!

Materials are held down with a powerful air-cooled vacuum pump and dust is efficiently removed with the Impact CNC dust extraction system which is included as standard. All these components are driven by the industry renowned Syntec CNC controller.

The Tornado from Impact CNC is available in four sizes from 1.3m x 2.5m right up to 2m x 4m. Custom sizes are also available on request. The manufacturer has full CE certification and machines come with on-site operator training and post-sale technical support. This ensures customers get full value from their Impact CNC router.



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