



Impact CNC
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THUNDER

STANDARD FEATURES

- 5.5kw air-cooled spindle with manual tool-change
- Accurate micro-stepping motors
- THK linear rails and sealed bearings
- High accuracy helical rack and pinion system
- NC-Studio controller with built-in computer
- 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

- Upgrade to HSD manual tool-change spindle
- Upgrade stepper motors to AC servo
- Custom table sizes
- Extended gantry height
- T-Slot table top
- Coolant Atomiser

THUNDER

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	5.5kw air-cooled			
Spindle Speed	Adjustable 0-18,000 rpm			
Tool Change	Manual Change			
Drive System (X & Y Axes)	Helical Rack & Pinion			
Drive System (Z Axis)	Ball Screw			
Drive Motors	Micro-stepping motors			
Maximum Travel Speed	25 metres per minute (416mm/sec)			
Table Top	Phenolic Zoned Labyrinth Vacuum Bed			
Controller	NC-Studio PC version			
Interface	Ethernet & USB			
Power Requirements	3 phase 415V/50hz			
Operating Environment	Temperature: 0-45°C			
Machine Size (width)	2100mm	2300mm	2600mm	2600mm
Machine Size (length)	3100mm	3500mm	3500mm	4500mm
Machine Net Weight	1100kg	1500kg	1950kg	2000kg
Machine Gross Weight	1250kg	1800kg	2200kg	2300kg

*Specifications are subject to change without notice.



Thunder from Impact CNC

The Thunder, from Impact CNC, is a great choice for sign making, parts fabrication and simple woodworking. It offers economical routing of complex or simple designs along with dependability, ease-of-use and minimal maintenance. The cut quality produced by the Thunder will impress both end users and their customers. 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 Thunder are manufactured to the highest standard, ensuring outstanding rigidity. All 3 axes are powered by economical, reliable, and quiet stepper motors which provide a good mix of torque and power. Upgrades to AC Servo motors are available. The X and Y axes run on precision THK linear bearings and rails to ensure smooth and accurate travel. These bearings are factory-sealed and provide maintenance-free reliability.

Cutting on the Thunder is performed by a 5.5kw air-cooled manual tool-change spindle.

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 easy-to-use NC-Studio CNC controller.

The Thunder, 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.



THUNDER