



FORTIS ROUTER CNC

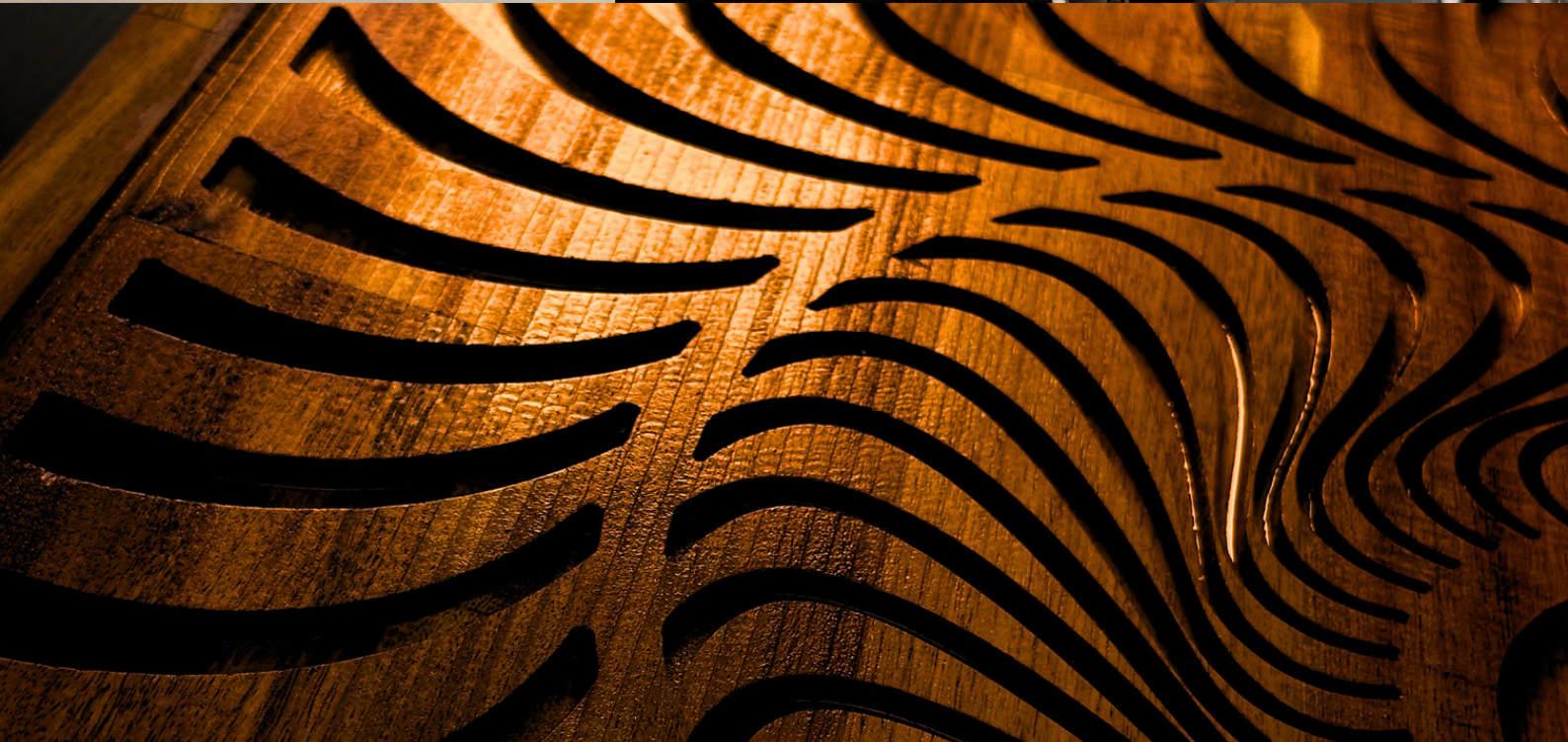
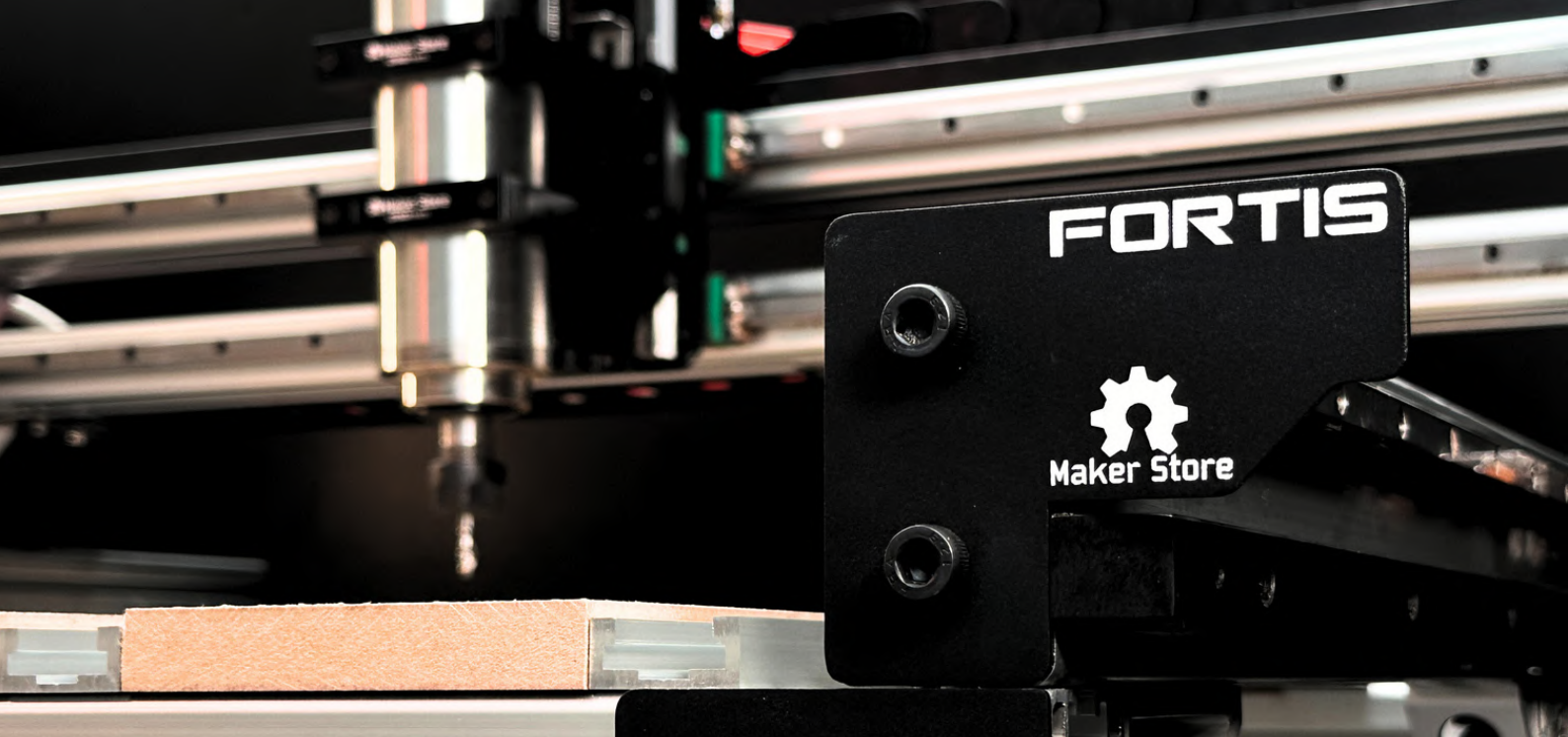
Unleash Precision. Conquer Production.

FORTIS Router CNC combines groundbreaking technology with a rigid, lightweight and high-strength aluminium extrusion frame, ensuring precise and efficient cuts for every project.

Designed for productivity, its helical gear racks paired with powerful NEMA23 3Nm stepper motors deliver rapid feed rates of 35,000mm/min and the flexibility to scale machine sizes to fit any operational need.

FORTIS Router CNC is a perfect fit for businesses looking to optimise their production processes, whether handling intricate designs, high-volume production, or both.





Applications

Art & Decorations

FORTIS Router CNC excels in creating intricate detailed art and offering precise cuts for detailed designs.



Metal Parts & Finishing

FORTIS Router CNC enables fast, accurate prototyping or mass production of Metal Parts from 3D models, reducing development time and allowing quick design iterations.

Visual Communication and Signage

With its reliable performance and precision, FORTIS Router CNC is perfect for visual communication projects. FORTIS Router ensures high-quality results with every project!



Cabinetry Fabrication

With sizes accommodating up to a full sheet, Creating bespoke furniture and cabinetry has never been easier and fast with FORTIS Router CNC.

General Manufacturing

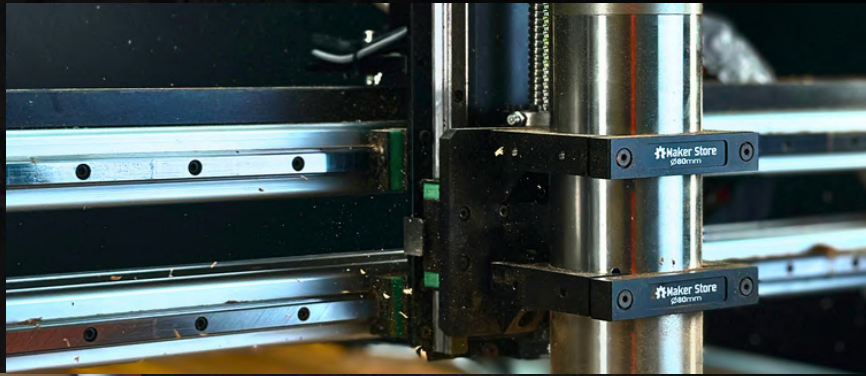
Whether it's cutting a custom bracket or creating precise holes in existing products, FORTIS is here to save you time and money.



Features

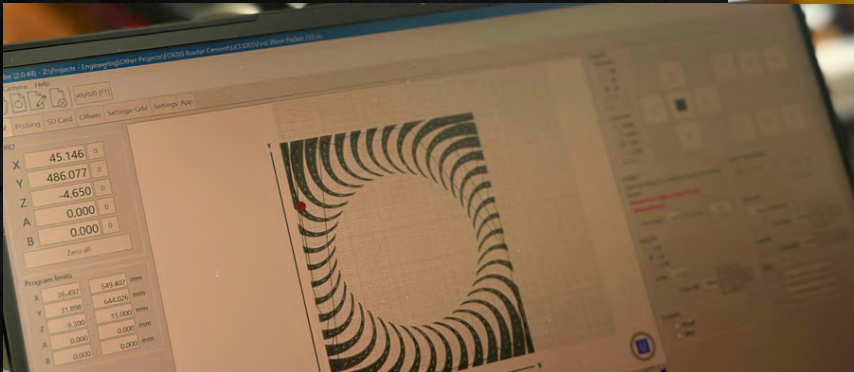
Rigid & Smooth HGR15 Linear Rails

The HGR15 Linear Rails provide a smooth and rigid motion system guaranteeing precise and strong cuts.



Intuitive CNC Control Software

The E5X MCS controller provides intuitive CNC control via IOSender, the leading gbrlHAL GCODE Sender.



40 Series T-Slot Rigid Aluminium Frame

The T-Slot aluminium frame used in the FORTIS design ensures precision, durability, and easy customisation for demanding industrial, hobby, and commercial use.



Strong T-Track Spoiler board System

Work-holding has never been easier thanks to Maker Store's innovating T-Track spoiler board system. Clamp everything from small to large with ease!



Inductive Limit Switches

The Inductive limit switches provides a non-mechanical solution to detecting the extremes of the CNC machine ensuring safety and preventing damage.





FORTIS

ROUTER CNC

FORTIS Router CNC 1000 x 1000mm Kit

RRP
A\$5,702.73



Order Now

INCLUSIONS

Cutting Tool	2.2kW ER20 Spindle + VFD + Water Pump
Controller	E5X MCS T4.1 5-Axis Motion Controller
Motors	3Nm NEMA23 High Torque Stepper Motor
Limit Switches	LJ12A3 NPN Inductive Limit Switches
Probing	XYZ Touch Plate
Warranty	12 Months
Setup Assistance*	Up to 2 Hours of FREE 1 on 1 Training

SPECIFICATIONS

Working Area	780mm x 840mm x 150mm	VFD Power Input	1 Phase 240V @ 15A
Footprint	1197mm x 1020mm x 750mm	Electronics Power Input	1 Phase 240V @ 7.2A
X/Y/Z Motion System	HGR15 Linear Rails	GCODE Software	IOSender
X/Y Transmission	Helical Rack/Pinion Mod 1.0	Max Feed Rate	35,000mm/min
Z Transmission	SFU1204 Ball Screw	Spindle Speed	8,000 RPM - 24,000 RPM
Frame Material	40-Series T-Slot Aluminium	Repeatability	±0.03mm
Spindle Cooling	Water Cooled Spindle	Accuracy	±0.1mm

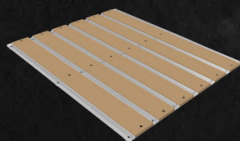
ADD-ONS

A\$369.90



**1000 x 1000mm
Machine Table**

A\$303.11



**1000 x 1000mm
T-Track Spoiler Board**

A\$532.99



**11pc Machining
Clamp Set**

FREE



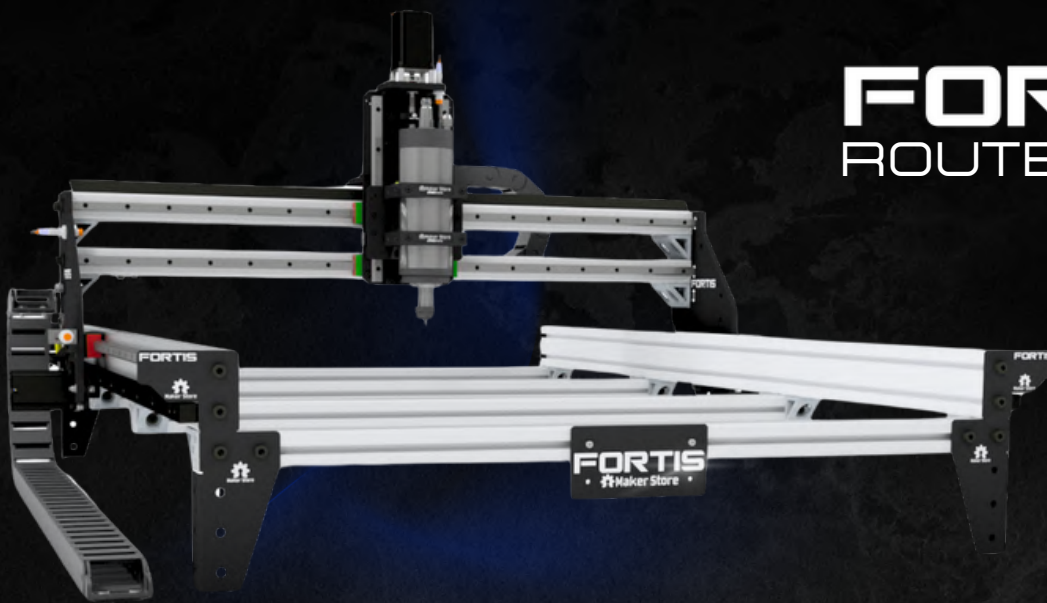
**5pc End Mill
Starter Kit**

All prices are inclusive of GST. E&OE.

*Pre-Order period subject to stock. Terms & Conditions Apply.

**Setup Assistance is provided remotely via a phone call and does not include physical assistance.

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FORTIS

ROUTER CNC

FORTIS Router CNC 1000 x 1500mm Kit

RRP
A\$6,039.24



Order Now

INCLUSIONS

Cutting Tool	2.2kW ER20 Spindle + VFD + Water Pump
Controller	E5X MCS T4.1 5-Axis Motion Controller
Motors	3Nm NEMA23 High Torque Stepper Motor
Limit Switches	LJ12A3 NPN Inductive Limit Switches
Probing	XYZ Touch Plate
Warranty	12 Months
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SPECIFICATIONS

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X/Y/Z Motion System	HGR15 Linear Rails	GCODE Software	IOSender
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Frame Material	40-Series T-Slot Aluminium	Repeatability	±0.03mm
Spindle Cooling	Water Cooled Spindle	Accuracy	±0.1mm

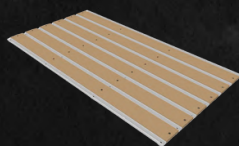
ADD-ONS

A\$791.97



**1000 x 1500mm
Machine Table**

A\$406.19



**1000 x 1500mm
T-Track Spoiler Board**

A\$532.99



**11pc Machining
Clamp Set**

FREE



**5pc End Mill
Starter Kit**

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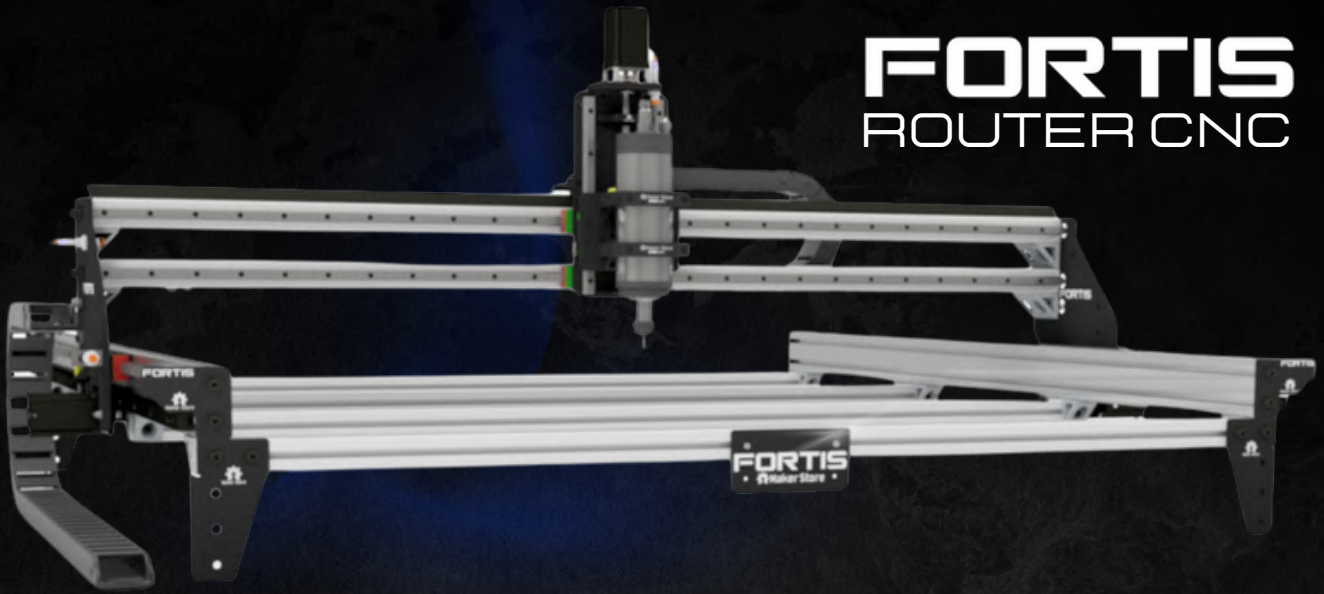
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FORTIS

ROUTER CNC



FORTIS Router CNC 1500 x 1500mm Kit

RRP
A\$6,287.26



Order Now

INCLUSIONS

Cutting Tool	2.2kW ER20 Spindle + VFD + Water Pump
Controller	E5X MCS T4.1 5-Axis Motion Controller
Motors	3Nm NEMA23 High Torque Stepper Motor
Limit Switches	LJ12A3 NPN Inductive Limit Switches
Probing	XYZ Touch Plate
Warranty	12 Months
Setup Assistance**	Up to 2 Hours of FREE 1 on 1 Training

SPECIFICATIONS

Working Area	1280mm x 1340mm x 150mm	VFD Power Input	1 Phase 240V @ 15A
Footprint	1697mm x 1520mm x 750mm	Electronics Power Input	1 Phase 240V @ 7.2A
X/Y/Z Motion System	HGR15 Linear Rails	GCODE Software	IOSender
X/Y Transmission	Helical Rack/Pinion Mod 1.0	Max Feed Rate	35,000mm/min
Z Transmission	SFU1204 Ball Screw	Spindle Speed	8,000 RPM - 24,000 RPM
Frame Material	40-Series T-Slot Aluminium	Repeatability	±0.03mm
Cooling	Water Cooled Spindle	Accuracy	±0.1mm

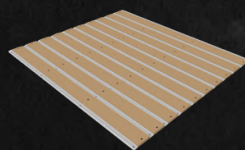
ADD-ONS

A\$898.31



**1500 x 1500mm
Machine Table**

A\$599.47



**1500 x 1500mm
T-Track Spoiler Board**

A\$532.99



**11pc Machining
Clamp Set**

FREE



**5pc End Mill
Starter Kit**

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FORTIS

ROUTER CNC



FORTIS Router CNC 1500 x 3000mm Kit

RRP
A\$7,551.77



Order Now

INCLUSIONS

Cutting Tool	2.2kW ER20 Spindle + VFD + Water Pump
Controller	E5X MCS T4.1 5-Axis Motion Controller
Motors	3Nm NEMA23 High Torque Stepper Motor
Limit Switches	LJ12A3 NPN Inductive Limit Switches
Probing	XYZ Touch Plate
Warranty	12 Months
Setup Assistance**	Up to 2 Hours of FREE 1 on 1 Training

SPECIFICATIONS

Working Area	1280mm x 2910mm x 150mm	VFD Power Input	1 Phase 240V @ 15A
Footprint	1697mm x 3070mm x 750mm	Electronics Power Input	1 Phase 240V @ 7.2A
X/Y/Z Motion System	HGR15 Linear Rails	GCODE Software	IOSender
X/Y Transmission	Helical Rack/Pinion Mod 1.0	Max Feed Rate	35,000mm/min
Z Transmission	SFU1204 Ball Screw	Spindle Speed	8,000 RPM - 24,000 RPM
Frame Material	40-Series T-Slot Aluminium	Repeatability	±0.03mm
Spindle Cooling	Water Cooled Spindle	Accuracy	±0.1mm

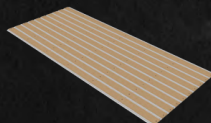
ADD-ONS

A\$1,321.12



**1500 x 3000mm
Machine Table**

A\$1068.73



**1500 x 3050mm
T-Track Spoiler Board**

A\$532.99



**11pc Machining
Clamp Set**

FREE



**5pc End Mill
Starter Kit**

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Why choose Maker Store?

Maker Store is not just another supplier of CNC machines and tools; it's a hub of innovation, driven by a passion for empowering creators. With a team of experts who have spent years mastering the intricacies of CNC technology, Maker Store has earned a reputation for delivering cutting-edge solutions that push the boundaries of what's possible.

Warranty

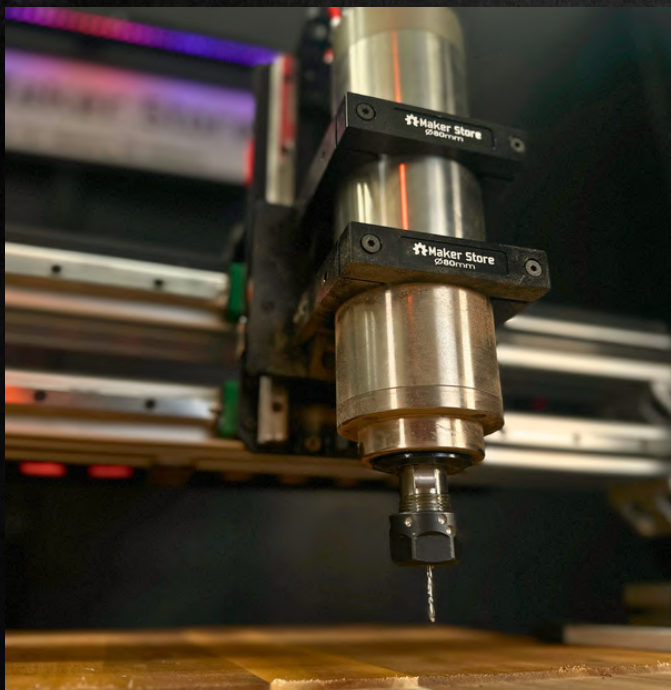
Apart from ensuring you get the best quality products, all our products are also backed by our 12-month comprehensive warranty.

Lifetime Aussie Technical Support

Our Lifetime Assistance ensures you have ongoing support for your CNC machine long after your purchase.

Full Assembly Service (Optional Service)

Our full assembly service provides customers with a ready-to-use CNC machine, eliminating the need for complex and time-consuming assembly.



The FORTIS Router CNC is more than just a machine; it's a promise of precision, reliability, and innovation. Whether you're a seasoned professional or an ambitious hobbyist, FORTIS empowers you to create, cut, and craft with confidence!

Don't wait to elevate your cutting projects.

Order Now!

*All pre-orders are expected to be dispatched between February and March 2025



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