

APOLLO

4 Axis ATC CNC Routers

**High Performance Multi-Axis
Automatic Tool Change CNC System**



Apollo 4 Axis ATC CNC Router - Engineered with 0-180°

A feature-rich CNC router built to last, offering advanced functionality, **including 0-180 degree spindle adjustment for unmatched versatility**, making it ideal for any industry.

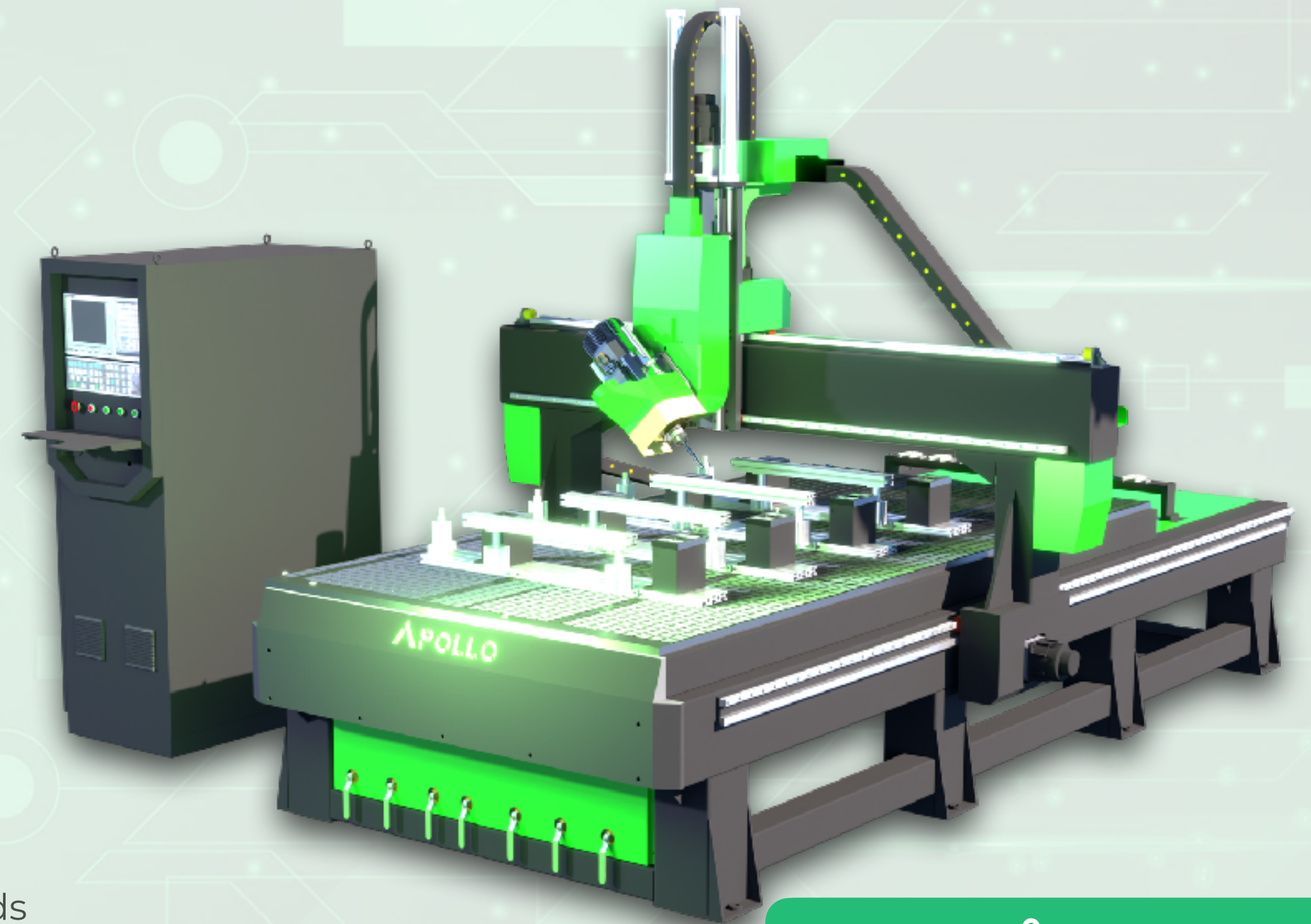
The Apollo 4-Axis CNC Router is a cutting-edge, automatic tool-change machine designed for unmatched performance and versatility. Built with a rigid, stress-tested body, it boasts advanced 4-axis operational capability and features such as an integrated pneumatic cutter cooling and lubrication system. Powered by the world-renowned Syntec 4-axis CNC control system, it ensures exceptional precision and control. This professional-grade machine is competitively priced and comes with full installation and training, empowering you to maximise its potential in your workshop.

Advanced Syntec CNC Control

Powered by the globally respected Syntec 4-axis control system, the Apollo ensures precise and seamless 4-axis CNC functionality, all controlled from the control tower (included)

Why not call us today and book your very own personalised demonstration?

- | | | | |
|-------------------------|---------------------|-----------------|-------------------------|
| + Custom Joinery | + Industrial Design | + Point of Sale | + Custom Furniture |
| + Personalised Products | + Plylining | + Woodwork | + Architectural Design |
| + Camper Conversions | + Fabrication | + Aerospace | + Exhibition and Stands |
| + Product Design | + Signmaking | + Shopfitting | + Marine Applications |
| + Education | + Bespoke Products | + Automotive | + Set Design |



0-180° Degree
Spindle Rotation

Apollo CNC Routers are available in a range of standard bed sizes (custom sizes may be available upon request)

Model	Bed Size (mm)	Electrics	Spindle size (kW)
Apollo 1325	1300 x 2500	3-Phase	9.0 kW (ATC) Air Cooled (8 Tool Positions)
Apollo 1530	1600 x 3100	3-Phase	9.0 kW (ATC) Air Cooled (8 Tool Positions)
Apollo 2030	2050 x 3050	3-Phase	9.0 kW (ATC) Air Cooled (8 Tool Positions)
Apollo 2040	2050 x 4000	3-Phase	9.0 kW (ATC) Air Cooled (8 Tool Positions)

High Performance
CNC Routers



The **Falcon ATC CNC Router** is the perfect choice for any workshop. With its automatic tool change feature, you can quickly and easily switch between tools for maximum efficiency. Its impressive performance and competitive price make it an ideal choice for any project.

Integrated POD & Rail

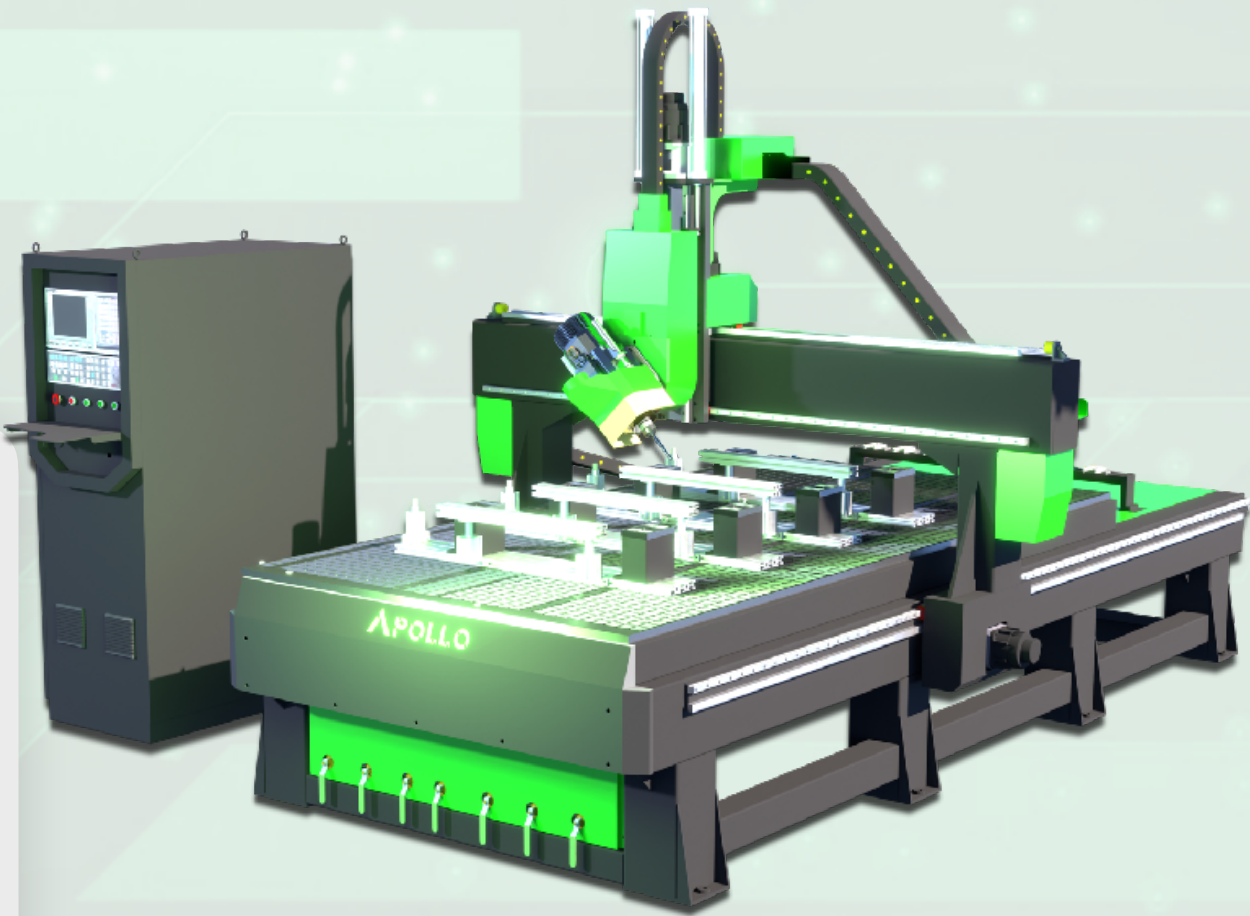
Our Apollo 4 Axis features a POD and Rail system for securing work pieces of various shapes and sizes, and is designed to enhance machining accuracy and is supported by software for advanced 4-axis machining.

Automatic Tool Change

For additional advanced functionality, our Apollo 4-axis includes a fast linear autotool change system with positions for 8 different tools.

Flexible Table Sizes

Available in a range of popular sizes, including 1300 x 2500 mm and 2000 x 4000 mm, the Apollo 4-axis CNC Router can also be customised to meet specific requirements.



The **Apollo 4-axis ATC CNC Router** is equipped with a 9.0 kW air-cooled spindle and an integrated POD system, enabling precise and intricate carvings of complex designs. Enjoy seamless operations and enhanced craftsmanship for all woodworking projects.

Finance Options are available. Why not spread the cost of your machinery purchase? Our finance partner Percy Finance Ltd is an appointed representative of AFS Compliance Ltd which is authorised and regulated by the Financial Conduct Authority. Firm number 625035, Percy Finance Ltd is a franchisee of Asset Finance Solutions (UK) Ltd.

Advanced Syntec Control

Powered by the globally respected Syntec 4-axis control system, the Apollo ensures precise and seamless operation for advanced 4-axis CNC functionality.

Versatile POD System

The Apollo includes a POD and rail system for flexible and secure workpiece holding, accommodating materials of various shapes and sizes for precise machining.

High Performance Spindle

The Apollo 4 Axis features a 9.0kW air-cooled auto tool change spindle, capable of 0-180 degree operations, providing unmatched performance and versatility.

Material Location

With automatic location stops, the Apollo ensures precise material positioning on the vacuum bed, providing consistent alignment for every project.

Vacuum System

The Apollo's powerful vacuum system ensures secure material holding, with model-dependent vacuum pump configurations for optimal performance.

Durable Construction

Built with a tank-like steel frame, the Apollo 4 Axis CNC Router offers industrial-grade durability for long-lasting performance in demanding production environments.

Proven Reliability

Built with dependable, high-quality components, the Apollo ensures smooth operation so you can focus on creating outstanding products.

Precision Servo Technology

Equipped with Yaskawa servo drives, the Apollo delivers precise movement and consistent repeatability, backed by a globally trusted brand.

Flexible Table Sizes

Available in a range of table sizes, the Apollo 4-axis CNC Router is designed to optimise workflows and meet the unique needs of your production process.

Integrated Tool Cooling

The Apollo includes a pneumatic cutter cooling and lubrication system, improving cutting performance and extending tool life.

Wide-Ranging Applications

Ideal for industries such as joinery, aerospace, boat building, and plastic fabrication, the Apollo is a versatile solution for diverse manufacturing needs.

Installation & Training

Our expert team provides comprehensive installation and safety training, ensuring you're confident operating the machine when we leave.

Aftersales Support

Backed by a UK-based service team, we offer lifetime technical support via email and phone to ensure your Apollo 4 Axis CNC Router remains in top working condition.

Warranty Coverage

Backed by a 2-year parts and labour warranty (excluding consumables), the Apollo 4 Axis CNC Router provides peace of mind and reliable performance.

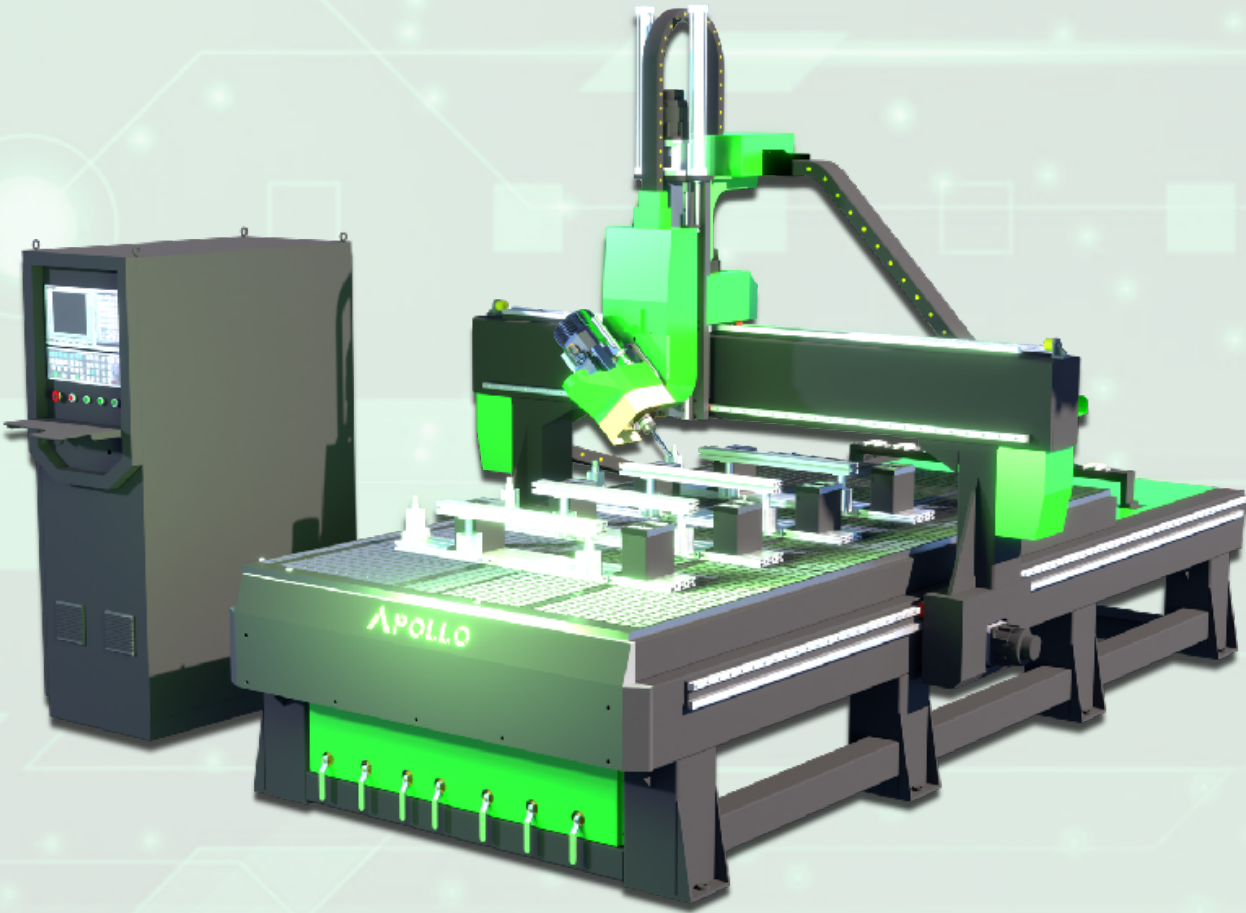


Model: Apollo 1325	
Power requirements	3-Phase
Tool Change	ATC (9.0kW) options
Spindle Information	
Air Cooled	Auto Tool Change Electro Spindle
Tool Positions	8 Tool Positions - ISO30 Tool Standard
Collet Size	ER32
Tool Cooling	Integrated pneumatic cutter cooling
Bridge Height	
Standard height	Max Z travel 465mm (without tooling/ material/ spoil board)
Bed Design	
Bed Size (mm)	1300 x 2500
Material Positioning Stops	Pneumatic pop-up end stops for material location
Vacuum Bed	Matrix Vacuum Holding System
Vaccum Pump System	Yes - Included
POD system	Included for side processing operations
Extraction	
Swarf/Spoil Extraction	Yes Included
Control System	
Syntec Contorol	Syntec 4 axis motion control system and tower
Drive System	
Servo	Yaskawa drives
Mechanical Drive System	
Z	Reciprocating Ballscrew
X,Y	Helical Rack & Pinion

Weights & Dimensions	
Length (mm)	3950
Height (mm)	2750
Width (mm)	2280
Weight (Approximately)	
Weight (kg)	1500
Software	
CAD/CAM	Vectric V Carve Pro (Fusion 360 Supported)
Post Processor	Apollo Post Processor Supplied
Warranty	
Parts & Labour	24 Months
Safety Features	
Guards	Modular safety fencing & optical IR guarding
Upgrades	
Rotary Indexer	Perfect for cylindrical items (posts, etc)

Apollo CNC Routers are available in a range of standard bed sizes (**custom sizes may be available upon request**)

Most Popular Table Size
Full Auto Tool Change



Apollo 1325 shown for illustration only.

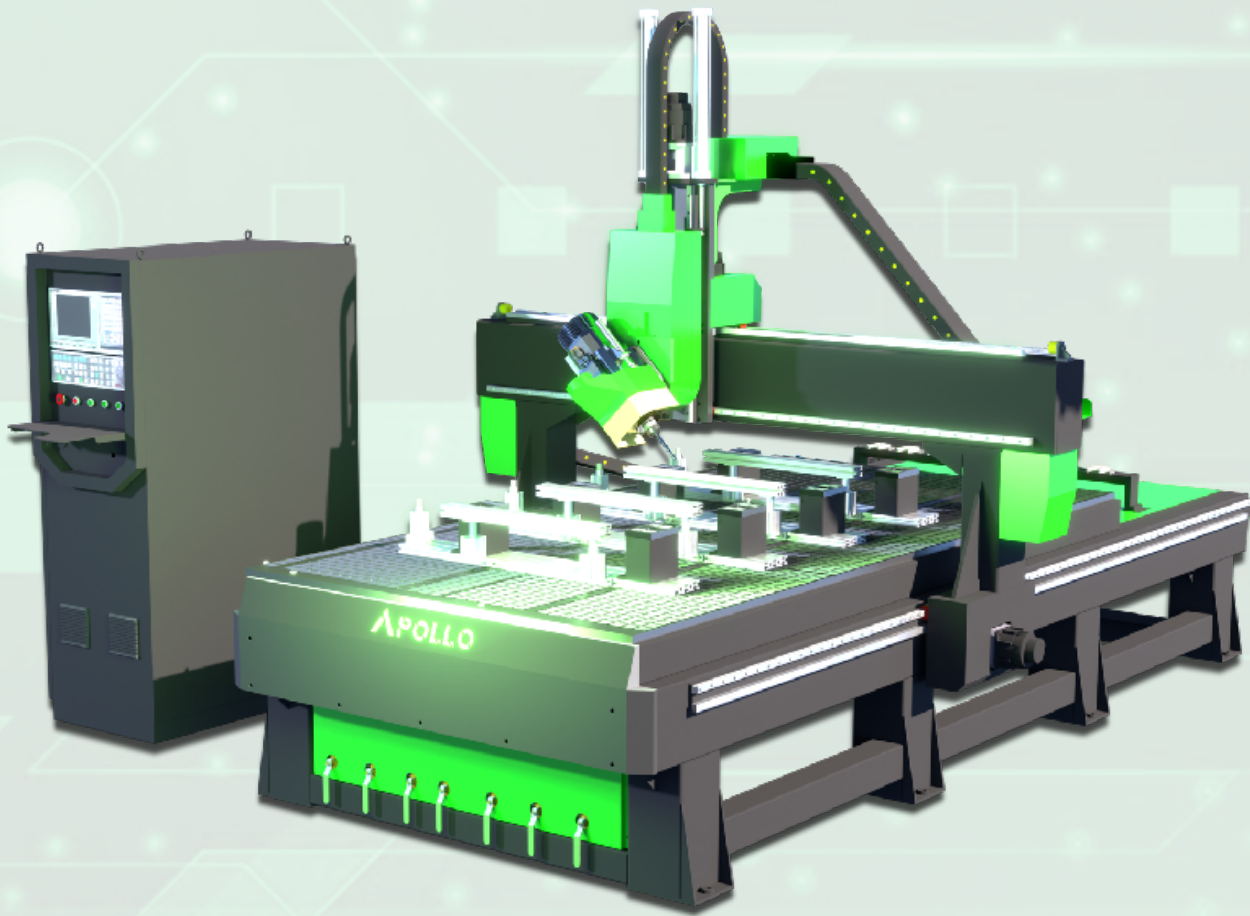
NOTE: When the head is rotated at $\pm 90^{\circ}$ the **max working width is 500 mm**

Model: Apollo 1530	
Power requirements	3-Phase
Tool Change	ATC (9.0kW) options
Spindle Information	
Air Cooled	Auto Tool Change Electro Spindle
Tool Positions	8 Tool Positions - ISO30 Tool Standard
Collet Size	ER32
Tool Cooling	Integrated pneumatic cutter cooling
Bridge Height	
Standard height	Max Z travel 465mm (without tooling/ material/ spoil board)
Bed Design	
Bed Size (mm)	1600 x 3100
Material Positioning Stops	Pneumatic pop-up end stops for material location
Vacuum Bed	Matrix Vacuum Holding System
Vaccum Pump System	Yes - Included
POD system	Included for side processing operations
Extraction	
Swarf/Spoil Extraction	Yes Included
Control System	
Syntec Contorol	Syntec 4 axis motion control system and tower
Drive System	
Servo	Yaskawa drives
Mechanical Drive System	
Z	Reciprocating Ballscrew
X,Y	Helical Rack & Pinion

Weights & Dimensions	
Length (mm)	4450
Height (mm)	2750
Width (mm)	2484
Weight (Approximately)	
Weight (kg)	1800
Software	
CAD/CAM	Vectric V Carve Pro (Fusion 360 Supported)
Post Processor	Apollo Post Processor Supplied
Warranty	
Parts & Labour	24 Months
Safety Features	
Guards	Modular safety fencing & optical IR guarding
Upgrades	
Rotary Indexer	Perfect for cylindrical items (posts, etc)

Apollo CNC Routers are available in a range of standard bed sizes (**custom sizes may be available upon request**)

Increased Productivity
Full Auto Tool Change



Apollo 1325 shown for illustration only.

NOTE: When the head is rotated at $\pm 90^\circ$ the **max working width is 800 mm**

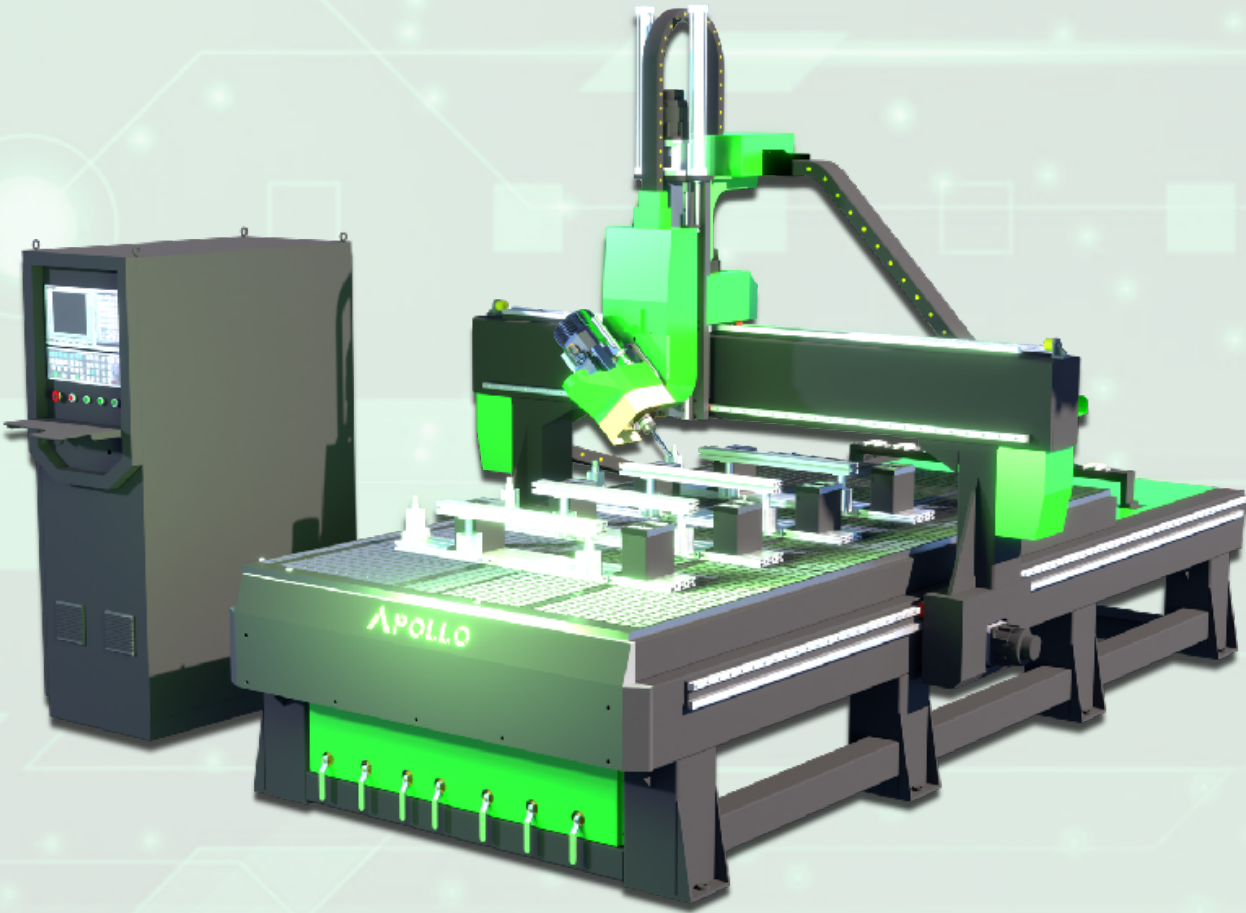
Model: Apollo 2030	
Power requirements	3-Phase
Tool Change	ATC (9.0kW) options
Spindle Information	
Air Cooled	Auto Tool Change Electro Spindle
Tool Positions	8 Tool Positions - ISO30 Tool Standard
Collet Size	ER32
Tool Cooling	Integrated pneumatic cutter cooling
Bridge Height	
Standard height	Max Z travel 465mm (without tooling/ material/ spoil board)
Bed Design	
Bed Size (mm)	2050 x 3050
Material Positioning Stops	Pneumatic pop-up end stops for material location
Vacuum Bed	Matrix Vacuum Holding System
Vaccum Pump System	Yes - Included
POD system	Included for side processing operations
Extraction	
Swarf/Spoil Extraction	Yes Included
Control System	
Syntec Contorol	Syntec 4 axis motion control system and tower
Drive System	
Servo	Yaskawa drives
Mechanical Drive System	
Z	Reciprocating Ballscrew
X,Y	Helical Rack & Pinion

Weights & Dimensions	
Length (mm)	4410
Height (mm)	2698
Width (mm)	3000
Weight (Approximately)	
Weight (kg)	2000
Software	
CAD/CAM	Vectric V Carve Pro (Fusion 360 Supported)
Post Processor	Apollo Post Processor Supplied
Warranty	
Parts & Labour	24 Months
Safety Features	
Guards	Modular safety fencing & optical IR guarding
Upgrades	
Rotary Indexer	Perfect for cylindrical items (posts, etc)

Apollo CNC Routers are available in a range of standard bed sizes (custom sizes may be available upon request)

Most Popular Table Size

Full Auto Tool Change



Apollo 1325 shown for illustration only.

NOTE: When the head is rotated at ±90° the **max working width is 1200 mm**

Each of our CNC Routers is equipped with the **latest edition of Vectric VCarve Pro**, ensuring seamless and user-friendly CAD/CAM capabilities. Designed to enhance productivity and precision, VCarve Pro offers an intuitive interface with powerful design and toolpath creation tools, making it ideal for users at all experience levels. This impressive software package streamlines your process, allowing you to bring your ideas to life with ease and accuracy. **We also support Fusion 360 options**



Supported

2D Import & Editing

VCarve can import 2D designs from other programs but also provides a full set of drawing and editing tools.

2D & 2.5D Toolpath Options

The toolpath options cover all typical 2D routing operations such as profiling, pocketing, auto-inlays, drilling and thread milling as well as 2.5D strategies.

3D Rough & Finish

For 3D you can rough and finish the model and there are options to project 2D and 2.5D toolpaths onto the 3D surface.

Customise & Control

Each toolpath includes appropriate options to customize the settings and provide a high level of control for different types of operation.

3D Model Import

VCarve includes the ability to import multiple Vectric 3D models as well as a single 3rd party model, where they can be assembled to suit your design.

Instant Preview Updates

All toolpaths can be previewed to show just how the part will look when it is actually cut, this allows instant feedback to allow toolpaths to be further optimized

Drawing & Layout Tools

The software has a comprehensive set of drawing tools to let you easily create vectors from scratch or add to imported data.

Merging Templates

All of our Spartan CNC Routers are configured with matrix vacuum holding beds as standard for effective material holding whilst cutting and engraving.

True Shape Nesting

Part Nesting is perfect for Sign and Cabinet makers who need to minimize material wastage and cut as many parts – letters & cabinet doors / panels – as possible from sheet materials. Reduce Material Costs = Increased Profits.

Job Sheet Creation

The create set-up job sheet command allows you to create a summary sheet that details all the important information you will need at your CNC machine when you come to run the toolpaths.

Gadgets

Gadgets are small programs that add additional functionality to Vectric products. They can be used to add new features to the software or automate common sequences of tasks.

2 Sided Machining

Two-sided machining adds the ability to create double-sided projects in the same session. It avoids the need to have 2 sessions, one for each side.

And much more...

Our typical delivery, installation and training process.

Delivery

Your Apollo includes delivery to the UK mainland; however, offloading and siting are the customer's responsibility, and a suitable forklift is required to remove the CNC from the wagon. Note that we will advise you on the method of offloading, such as the correctly rated forklift, and how to move the machine into place. Upgraded delivery methods are available if you have no means to offload the machinery.

Installation

Our professional installation team will promptly arrive on the agreed installation date. Typically, the commissioning of the machine will take one day, with the first half of the day being the commissioning, and the second part of the day being dedicated to your training. Our engineer will take care of everything for you in getting the machine commissioned and ready for operation, the only requirement is to ensure the machine is connected to your electrical supply.

Finance Options

Finance Options are available. Why not spread the cost of your machinery purchase? Our finance partner Percy Finance Ltd is an appointed representative of AFS Compliance Ltd which is authorised and regulated by the Financial Conduct Authority. Firm number 625035, Percy Finance Ltd is a franchisee of Asset Finance Solutions (UK) Ltd.

All quotes are subject to status - minimum trading of 2 years.

Machine Training

Our CNC Router installation engineers are not only highly skilled professionals but also approachable and patient, dedicated to making your experience seamless. They provide comprehensive machinery training in a relaxed and supportive atmosphere, ensuring you feel confident and comfortable every step of the way. With their expertise and commitment to excellence, you can trust that your installation and training will be a smooth, stress-free process, setting you up for long-term success.

Software Training

We include Vectric VCarve Pro with all our CNC Routers and provide training for up to four operators in a calm, supportive setting. Our expert engineers tailor the training to each person's skill level, ensuring everyone can safely import designs, set up tool paths, and prepare files for production. Our goal is to equip your team with the basic knowledge and skills necessary to safely use your new machine.



APOLLO

Mantech's Aftersales and Support are founded on over 25 years of experience providing machinery tools to businesses across the UK, Ireland, and Europe. We offer comprehensive support through our fully staffed 6-person service desk and a team of 15 skilled road engineers, dedicated to delivering prompt and professional assistance. All customers benefit from access to our service portal, enabling them to easily track communications, book services, and stay informed every step of the way. At Mantech, service isn't just a priority—it's the foundation of our business.

Service Desk

Our dedicated 6-person service desk is always ready to assist you with any inquiries or technical issues. With a fully staffed, office-based team, we ensure you receive prompt and reliable support whenever you need it.

Fully Manned Team

Our robust support network includes 15 skilled road engineers who are strategically positioned to provide on-site assistance across the UK, Ireland, and Europe. Whether it's installation, maintenance, or repairs, our expert team is equipped to deliver fast, professional service.

Extended Warranty

For added peace of mind, we offer extended warranty options of up to 5 years, providing you with comprehensive coverage and minimising downtime. Our warranties are designed to keep your equipment running smoothly, ensuring long-term reliability and performance.

Service Portal

Our online service portal offers convenient access for tracking communications, booking services, and monitoring the progress of your requests. It also provides a wealth of resources, including hints, tips, and guides to help you get the most out of your machinery.

