

**High Performance UK Designed CNC Routers**



**Touch Screen Control**

Control your CNC router via touch operation (including traditional methods such as mouse and keyboard).



**Windows PC**

Familiar operating environment – easy to use, not many people/operators don't know how to use MS Windows.



**Powerful Spindles**

At the heart of the Apollo is an air-cooled 7.5kW high-performance HQD Spindle. Impressive performance with rotational speeds of upto 24,000rpm



**T-Slot Clamping**

Securely clamp awkward and warped materials with the built-in T-slot system, expanding the range of materials you can work with and improving precision.



**Powerful Vacuum**

Control your vacuum zones via touch – vacuum can also be automatically operated when the machine starts and stops.



**Wireless Pendant**

Control your machine with your wireless pendant for ultimate granular controls. Including custom macro functions assigned to your pendant.



**Material Location Stops**

Automatic operation of location stops, enabling you to accurately 'locate' your work material onto the vacuum bed for location in the same place, every time.



**Workpiece Simulation**

Get a 3D view of your project and simulate processing just before cutting. Saving on waste materials by checking for errors before you commence.



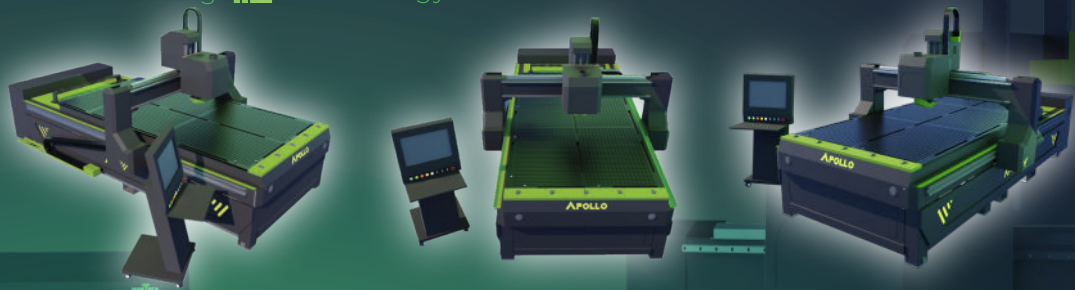
**Servo Drives**

The Apollo range also comes with Delta Servo Drives and offers extremely accurate positional performance.



**Advanced Algorithms**

The system constantly reads g-code multiple steps ahead of the actual movement, analysing and adjusting pre the event. Extremely efficient operation.



**Fully Featured**



**Enhanced Spindle Control**

Control your CNC router via touch operation (including traditional methods such as mouse and keyboard).



**G-Code Editor**

Familiar operating environment – easy to use, not many people/operators don't know how to use MS Windows.



**Project Duration**

Easily see how long the cutting process will take with accurate time measurements.



**UK Designed Electrics**

All of the Apollo electrical system has been designed from the ground up by our in-house electrical design engineers to CE/UKCA standards



**Advanced CNC Technology**

The Apollo CNC router series is managed by our in-house MTECH CNC Motion control system. Complete command over your CNC operations.



**Robust Build Quality**

With its robust design and build the apollo range is built to last. Treated and stress tested frames are designed to improve rigidity and performance.



**Multiple Bed Sizes**

With popular bed sizes such as 1313, 1235, 1530, 2030, 2040 and custom systems available upon request, we're sure to have a machine option for your application.



**Upgrade To ATC Later**

With our manual Apollo M, you're not stuck with this configuration. You can upgrade to an ATC system at any point in the future.



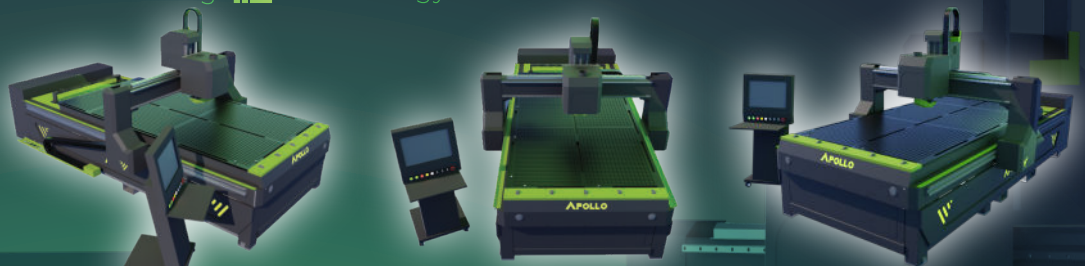
**First Class Support**

Our 5-star after-sales service is UK based and available to all of our customers if needed. Lifetime technical support via email and telephone.



**2 Years Warranty**

All Apollo CNC routers come with our excellent 2 years parts & labour warranty with extensions available

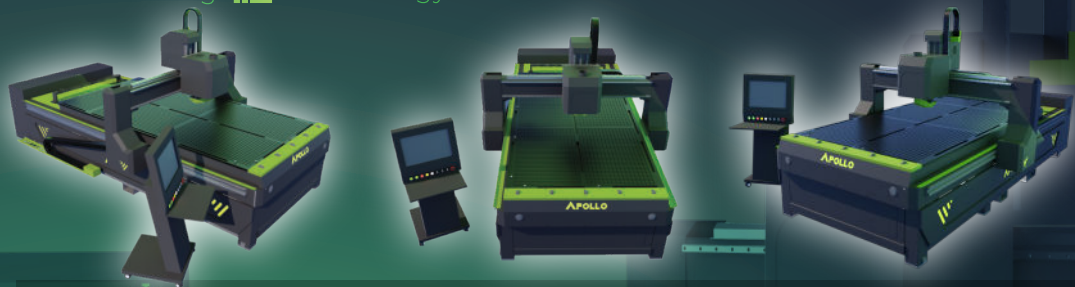


## Impressive CNC Routers

### Main features



Unrivalled control system	In-house developed MTECH CNC Motion Control
Spindle type	7.5 KW (8hp) ER32 air-cooled spindle system – manual tool change
Mechanical drive	Helical rack and pinion, reciprocating ball screw drives on Z.
Drive system	Delta servo drive system – exceptional performance with lower power consumption
Linear guide rails/carriers	HIWIN oil inject centralised linear rail lubrication.
Material Positioning Stops/Guides	Pneumatic pop-up end stops for material location.
Vacuum system	Yes – Multi-zone matrix bed with touch screen activation controls, including pump system and filter.
Extraction system	Enhanced, 'Focused' dust extraction system included.
Tool cooling	Integrated pneumatic cutter cooling/lubrication system.
Safety features	Modular Safety fences with optical IR guarding.
Software package	M-TECH Control & Vectric V Carve Pro (Optional AlphaCAM)
Delivery	UK Mainland included. (offloading and siting option available if required).
Installation	Our professional installation team will fully commission your new machine – It is the customer's responsibility to ensure they have the correct electrical and air outputs (we will advise you on what is required).
Machine power	Voltage 380V 3ph 50hz



## Bed Sizes



HIGH PERFORMANCE



ROBUST DESIGN



RELIABLE



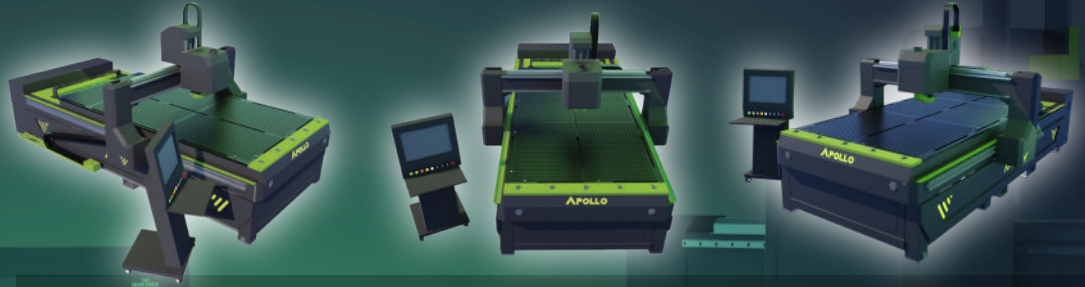
INSTALLATION INCLUDED

Model	Bed Size
1313	1300 x 1300 mm
1325	1300 x 2500 mm
1530	1600 x 3050 mm
2030	2050 x 3050 mm
2040	2000 x 4000 mm
Custom model	Please ask one of the team about custom sizes

## Weights & dimensions

Model	Length (mm)	Height (mm)	Width (mm)	Weight (Approx) (kg)
1313	3100	2200 (2717 with dust holder fitted)	2220	1500
1325	3940	2200 (2717 with dust holder fitted)	2220	1700
1530	4547	2200 (2717 with dust holder fitted)	2500	1800
2030	4547	2200 (2717 with dust holder fitted)	2850	1995
Custom models	Please ask one of the team about custom sizes	Examples 2040, 2050, 2060		





## FAQ's



HIGH PERFORMANCE



ROBUST DESIGN



RELIABLE



INSTALLATION INCLUDED

### Do you offer delivery, training and installation?

Yes, delivery is included (standard delivery, HIAB available upon request) to the UK mainland. Out-of-area or complex locations may incur a delivery charge. As is installation and training unless otherwise agreed.

### Do you supply software with the machine?

All of our range is supplied with Vectric V Carve Pro, should you wish to upgrade to Aspire, that is also an option.

### Do you offer custom bed sizes?

Yes, we can offer custom sizes should you not find a machine that would suit your processing requirements. Ask a member of our team to discuss your options.

### Do you supply tooling?

We have a range of options to suit a variety of applications as tooling packs such as sign making, vehicle refitting, cabinet making for example.