



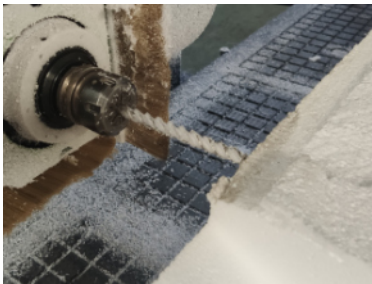
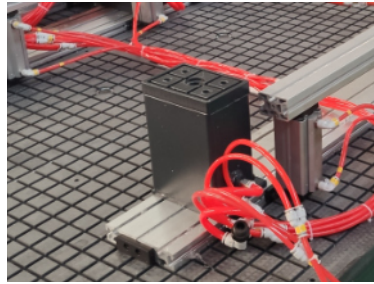
Premium 2 year warranty included



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APOLLO CNC

Machine Overview



Syntec 60W-E As Standard

The all NEW Apollo 4 Axis CNC router is our newest multi axis CNC router packed full of features offering you a superior experience and control over your projects.

Combined with a world renowned control system made by Syntec, auto tool change and a unique removable pod and rail system - this 4 axis machine gives you both side control as well as your standard 3 axis CNC operation, perfect for processing doors, frames and furniture.

With it's advanced closed loop servo motors and fast transmission the Apollo 4 axis offers you high speed operation with versatile productivity options.



Side operation via our unique, removable pod and rail system

Connected directly to the machines vacuum system.

Aerospace | Automotive | Sign Making | Fabrication | Prototyping

“A high performance, yet affordable 4 Axis CNC router. Packed with Useful feature at a reasonable price. Unbeatable.”

APOLLO ATC CNC ROUTERS

Standard Features & Equipment

High performance spindles	9.0KW (12hp) ER32 air cooled 4 Axis spindle system 24,000rpm with automatic tool change function. 8 x ISO 30 tool holders/positions.
Vacuum System	Multi-zone Matrix - including pump system and filter. Pod and rail system included to enable processing of material sides.
Drive Motors	Rapid Servo drives by YASKAWA
Mechanical Drive type	Rack and pinion X & Y axis for rapid movement , with reciprocating ball screw on the Z axis.
Linear Guid Rails/Carriers	HIWIN oil inject centralised linear rail lubrication.
Dust Extraction System	NEW enhanced , 'Focussed' dust extraction system included.
Material Positioning Stops	Pneumatic pop-up end stops for material location.
Tool Cooling	Integrated pneumatic cutter cooling/lubrication system.
Control System	Syntec 4 axis/auto tool change control
Safety Features	Modular safety fences with optical IR guarding
Software	AlphaCam Standard Is required (or similar - ask for options).
Delivery	UK mainland included (Offloading and siting of the machine is the end user's responsibility; additional cost option if required). HIAB delivery also available, ask for details.
Installation	Our professional installation team will fully commission your new machine - customer must have the correct electrical/air outputs available (we will advise you on what is required).
Training	Full operational training included, combined with basic software use.
Warranty	2 years standard parts and labour warranty with extended warranty periods available.
Extras available	Additional ISO tool holders and docks, vacuum pumps.

Syntec 6W-E 4 Axis CNC Control

Control tower	Control tower integrating the Syntec control panel and functions
Network Capable	Connect the machine to your network - easy transfer files from your design department to the CNC.
Vacuum Control	Control your vacuum zones control tower
Wired Pendant control	MPG control via the easy to use hand pendant for precise control
Pneumatic Material Location Stops Control	Operation of hardware (pneumatic) location stops
Project Duration	Easily see how long the cutting process will take with accurate time measurements.
Enhanced Spindle Control	As our motion control system uses an analogue rather than digital signal, you can get granular control over your spindle speed, right down to 1rpm increments.
Enhanced Tool Change Control ATC Models Only	Direct control over tool changes including speed, distance and clearance.
Accurate tool measurement	Extremely accurate tool length measurement, taking tool wear into consideration.
G-Code viewer	Enables the user to make alterations to the g-code. Including a jump to line function.

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Machine size options

Apollo 4AX 1325

1300 x 2500 mm bed

Apollo 4AX 1530

1500 x 3000 mm bed

Apollo 4AX 2031

2000 x 3100 mm bed

When the **head is rotated at + 90 deg** the max working width is (working with a tool Length of 100mm as reference):

Model 1325 max width 500mm

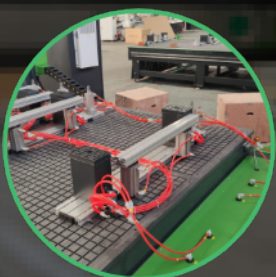
Model 1530 max width 800mm

Model 2031 max width 1200 mm

Range dimensions (appx)

Model	Length (mm)	Height (mm)	Width (mm)
Apollo 4AX 1325	3900	2500	2400
Apollo 4AX 1530	4400	2500	2600
Apollo 4AX 2030	4400	2500	3000

**Custom bed sizes are available,
Please ask for details.**



APOLLO 4 AXIS CNC ROUTER

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Samples

