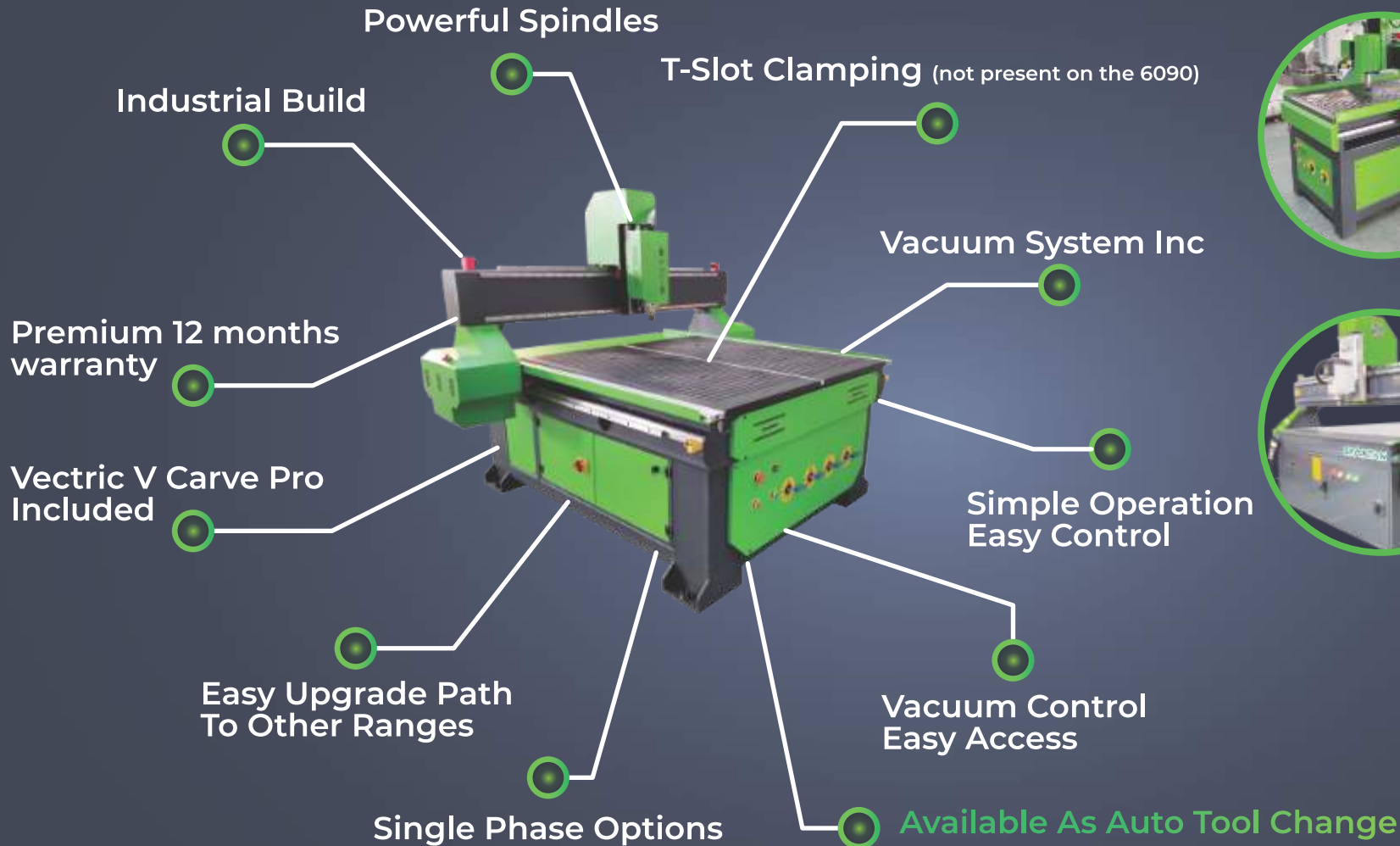




# CNC Routers

Affordable Machinery



ATC Model

Model 1313 shown

[www.mantechmachinery.co.uk](http://www.mantechmachinery.co.uk)

**SPARTAN**  
Fast, Industrial, Affordable CNC Routers



**WOOD SOFT METALS ACRYLIC HDPE POLYCARBONATE SOLID SURFACE MATERIAL ACM SIGN PANELS FOAMEX FOAM SHEET**

Our NEW Spartan range of CNC router combines extremely good value with exceptional build quality, to give our customers an industrial grade CNC router without the pitfalls of going with a hobbyist class CNC. In fact this machine range can also suit the hobbyist wanting the very best performance for very little in comparison to some of the competition. The Spartan range also has an excellent **Auto Tool Change model available** in bed sizes of 1325 and above.

This industrial grade starter CNC router system can be used in a wide range of applications such as (but not limited to):

**Sign making, furniture making, general woodworking, plastics fabrication, kitchen manufacturing, automotive applications, van conversions and plying.**

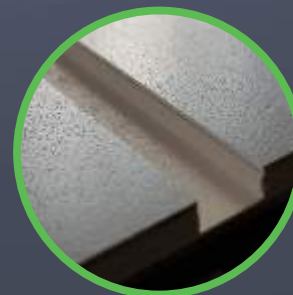
Robust components and a great design, our Spartan range come in

**“Fast, affordable and extremely reliable. Built with the same attention to detail as our more expensive models, the Spartan CNC router is an excellent choice”**



Model 1325 shown

**SPARTAN**  
Fast, Industrial, Affordable CNC Routers





## Bed Size Options For Manual Tool Change

Model	Width (mm)	Length (mm)	Z Height (mm)
<b>Spartan 6090</b>	600	900	150
<b>Spartan 1313</b>	1300	1300	200
<b>Spartan 1325</b>	1300	2500	200
<b>Spartan 1530</b>	1500	3000	200
<b>Spartan 2030</b>	2000	3000	200

## Machine Dimensions & Weights For Manual Tool Change

Model	L*W*H	Weight (kg)
<b>Spartan 6090</b>	1390*1220*1500	450
<b>Spartan 1313</b>	1830*2100*1720	650
<b>Spartan 1325</b>	3100*2100*1800	800
<b>Spartan 1530</b>	3700*2350*1800	1000
<b>Spartan 2030</b>	3700*2350*1800	1100



## Bed Size Options For Automatic Tool Change

Model	Width (mm)	Length (mm)	Z Height (mm)
<b>Spartan ATC 1325</b>	1300	2500	200
<b>Spartan ATC 1530</b>	1500	3000	200
<b>Spartan ATC 2030</b>	2000	3000	200
<b>Spartan ATC 2040</b>	2000	4000	200

## Machine Dimensions & Weights For Automatic Tool Change

Model	L*W*H	Weight (kg)
<b>Spartan ATC 1325</b>	3050*2050*1900	1400
<b>Spartan ATC 1530</b>	3800*2300*1900	1700
<b>Spartan ATC 2030</b>	3800*2845*1900	2000
<b>Spartan ATC 2040</b>	5000*2845*1900	2050



## Standard Features & Equipment Spartan 6090



High performance spindles	Water Cooled 2.2kW spindle with chiller.
Mechanical Drive	Ballscrew on XYZ Axis
Drive Motors	Performance stepper drives
Control System	NK105 Hand Controller.
Vacuum System	Vacuum System included with a 2.2kW vacuum pump.
Extraction	Standard Bag based extraction system is included
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	12 months standard parts and labour warranty with extended warranty periods available.



## Standard Features & Equipment Spartan 1313



High performance spindles	Water Cooled 3kW spindle with chiller.
Mechanical Drive	TBI Ballscrew on Z, Helical Rack & Pinion On X,Y
Drive Motors	Performance stepper drives
Control System	NK105 Hand Controller.
Extraction	Bag based extraction system is included
Vacuum System	Vacuum System included with a 2.2kW vacuum pump.
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	12 months standard parts and labour warranty with extended warranty periods available.





## Standard Features & Equipment Spartan 1325, 1530 & 2030

High performance spindles	Air Cooled 4.5kW High performance spindle.
Mechanical Drive	TBI ballscrew on Z, helical rack & pinion on X,Y
Drive Motors	Performance stepper drives
Control System	NK105 Hand Controller.
Vacuum System	Multi zone Vacuum System included including vacuum pump (no. Depending upon bed dimensions)
Extraction	Bag based extraction system is included
Software	Vectric V Carve Pro
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	12 months standard parts and labour warranty with extended warranty periods available.



## Standard Features & Equipment Spartan ATC 1325, 1530, 2030 & 2040

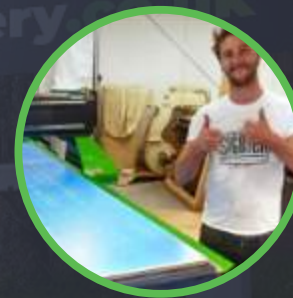
High performance spindles	Air Cooled 9.0kW High performance <b>Auto Tool Change</b> spindle.
Mechanical Drive	TBI ballscrew on Z, helical rack & pinion on X,Y
Drive Motors	Performance hybrid servo drives for excellent precision and repeatability
External Control Cabinet	External control cabinet allowing for easy servicing
Control System	DSP control system with handheld controller
Vacuum System	Multi zone Vacuum System included including vacuum pump (no. Depending upon bed dimensions)
Extraction	Bag based extraction system is included
Software	Vectric Vcarve Pro
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	12 months standard parts and labour warranty with extended warranty periods available.





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## Affordable Machinery



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## Affordable Industrial CNC Routers

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