



DATASHEET M5S CNC ROUTER

Designed to our UK spec, our M5S series 8x4ft CNC routers are a high performance cost effective machine. A great all round performer and are suited to a wide range of industries cutting up to aluminium and copper. They feature a powerful 5.5Kw spindle, hybrid servo motors, vacuum bed, LED light indicator, colour handheld controller and many other features as standard. All of our machines come with our comprehensive 1 year's parts and labour warranty for your peace of mind.



STANDARD FEATURES

Machine dimensions LxWxH:	3000mm x 2100mm x 1900mm
Working area X Y Z:	1300mm x 2500mm x 180mm
Weight:	1600Kg
Construction:	Steel frame, steel gantry
Max rapid speed:	40m/min
Max cutting speed:	20m/min
Accuracy:	0.05mm (0.002")
Control system:	XDW 4.3" colour screen handheld
Linear guides:	25mm Linear square rail on Y, 20mm X/Z
Data Transfer:	USB
Vacuum bed:	Yes, with integrated t-slots
Vacuum pump:	7.5Kw side channel
Vacuum pump filter:	Yes
X/Y drive system:	Helical rack, gear reducer
Z drive system:	Ballscrew, Taiwan
Vac bed + dust on/off:	Yes, located on side console
Motors:	Hybrid servo motors
Spindle:	5.5kw, water cooled, 24k/rpm. ER25
Spindle chiller unit:	Yes, included CW3000
Spindle inverter:	Delta drive MS series
Spindle brake resistor:	Included
Auto tool height sensor:	Included
Power supply:	3ph 380v +10%. 15.6Kw
Levelling:	self levelling feet
Side console:	Included, houses electrics
Dust foot included	Yes
Lubrication:	Automatic oiling system
Software:	Ucancam V11 included
Warranty:	12 months as standard

OPTIONS

- Spindle upgrade HSD 6.0kw air cooled Italian
- Spindle swap 4.5Kw air cooled
- Mist coolant
- Dust extraction 3hp twin bag
- 750w full servo motors
- Light curtain guarding
- Delivery
- Oscillating Knife
- Upgrade to 1.5m x 3m machine
- Upgrade to 2m x 3m machine
- Upgrade to 2m x 4m machine

EXAMPLE APPLICATIONS

- Plastic fabrication
- Furniture processing
- Kitchens
- Signage and advertising
- Stairs, cabinets
- Composites, Aerospace
- Musical instruments
- Laminates
- Medical, orthotics