

CNC1325 CNC ROUTER

The CNC1325 is your ideal partner for most industrial production requirements. Ideally suited to signmakers, woodworkers, exhibition stand manufacturers and general fabrication.

It has a large work area, able to take a full 8' x 4' sheet of material and the generous spindle motor power and high tool speed allows it to machine a wide range of materials and thicknesses. It is available with spindle power upgrade and toolchange options for added productivity and flexibility.



Image shows CNC1325 with optional 4th axis head and linear toolchange

MACHINE FEATURES:

3.5kW air cooled spindle motor (power and tooling upgrades available)

Inverter driven spindle system, offering precise adjustment of cutting speed, smooth acceleration, deceleration and elimination of high inrush current

2 x 2.2kW single phase zoned vacuum bed arrangement with integral T-slots for added flexibility

Intuitive hand held control system with USB interface

Heavy duty base frame and gantry, offering a perfect balance between weight and rigidity

High quality machined helical racks and linear rails offering precise accuracy control

Supplied complete with Vectric Cut2D Pro (optional upgrade to Vectric VCarve Pro available)

Wide range of upgrades available including spindle motor power and tool change options

MATERIAL PROCESSING:

Woods and MDF

Acrylic

PVC

Foamex

Model Board

Aluminium, brass & other soft metals

Polycarbonate

Corian

Polypropylene

Carbon Fibre and other composites

ABS



Working size	1300mm x 2500mm x 200mm
Operating Voltage	230V single phase 50Hz (3 phase available)
Operator control	DSPA 11 handheld controller
Spindle motor	3.5kW air cooled
Spindle speed	6,000-18,000 RPM
Spindle control	3.7kW variable speed drive (frequency inverter)
Motion control	Stepper motors
Table surface	Zoned vacuum bed with 2 x 2.2kW single phase vacuum pumps and T-slots
Location precision	<0.05mm
Structure	Cast iron heavy duty welded frame and gantry
Axis transmission	Helical rack and pinions
Axis rails	20mm linear rails
Dust extraction	Dust cover, extraction pipe and support, dust bag extractor (optional)
Machine weight	1300kg
Collet size	ER20
Software	Vectric Cut2DPro
Electrical requirements	1 x 13A single phase socket (machine) 2 x 16A single phase sockets (vacuum pumps)
Dimensions	
Machine	3010mm long x 2100mm wide x 1690mm high
Control panel	580mm wide x 350mm deep x 960mm high
Dust extractor (optional)	700mm long x 440mm wide x 895mm high
Warranty	12 months onsite excluding consumables

OPTIONAL EXTRAS:

Spindle power upgrades

3.2kW water cooled spindle motor (max speed 24,000 RPM)

Linear and rotary tool change options

4th axis arrangement

Integrated knife and creasing wheel

415V 3 phase operating voltage

1x 5.5kw 3 phase vacuum pump

Vectric VCarve Pro software upgrade

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