

## 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 with 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 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 stiffness

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

Supplied complete with Vec tric Cut2D Pro

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



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

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