

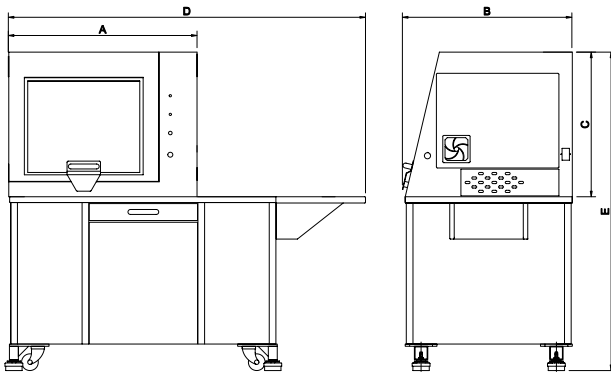
# Compact 1000/1000 Pro

COMPACT 3 AXIS CNC ROUTER



**QUALITY, PRECISION,  
MAINTENANCE FREE  
ROUTING**  
For full details - See page 9

Compact 1000 Pro shown with optional universal bench and computer support extension. (PC not included)



Machine Dimensions.

A compact 3 axis CNC Router with totally enclosed interlocking guard, suitable for all levels of education and training. The Compact 1000/1000 Pro is ideal for cutting a range of resistant materials such as hard and soft wood, plastic, modelling foam, acrylic and prototyping materials. In addition, the Compact 1000 Pro can cut non-ferrous metals.



APPROVED

Ideal for use in conjunction with



## Compact 1000/1000 Pro

### THE COMPACT 1000/1000 PRO COME AS STANDARD WITH:

- VR CNC Milling Operating Software (PC not included)
- QuickCAM 2D Design Software (1 seat)
- Aluminium T Slot Table
- Outlet for Dust Extraction System
- Workholding Clamps
- Installation and Instruction Manuals
- USB Connection

### OPTIONAL EQUIPMENT INCLUDES:

Vacuum Pads, F1 in Schools Car Manufacturing Fixture, 4th Axis Programmable Rotary Fixture, 3D Scanning Attachment, Universal Machine Bench and Dust Extraction Unit.



### RECOMMENDED SYSTEM REQUIREMENTS

Please refer to page 25.

### RECOMMENDED SOFTWARE PROGRAMS

All software necessary to control the Compact 1000/1000 Pro is included. Also included is a seat of QuickCAM 2D Design - an easy to use 2D CAD package.

- 2D Designs: The VR Milling software can import DXF, DWG, EPS and Gerber files in addition to G & M code programs and as such will link with programs such as Techsoft 2D Design and CorelDraw.
- 3D Designs: To enable import of STL files from 3D design packages, QuickCAM Pro software is required. (see pages 38 - 39).

MECHANICAL DETAILS	COMPACT 1000	COMPACT 1000 PRO
Machine Length (A)	875mm - 34.45in	
Machine Depth (B)	765mm - 30.12in	
Machine Height (C)	675mm - 26.57in	
Length with Optional Base (D)	1678mm - 66.06in	
Height with Optional Base (E)	1440mm - 56.69in	
Machine Weight	116kg - 255.74lb	
Machine Weight with Opt. Base	230kg - 507.06lb	
Table Size	400 x 240mm - 15.75 x 9.45in	
Travel X Axis	400mm - 15.75in	
Travel Y Axis	240mm - 9.45in	
Travel Z Axis	110mm - 4.33in	
Beam Clearance	140mm - 5.51in	
Max. Spindle Speed	29000rpm	24000rpm
Non-Ferrous Metal Cutting	No	Yes
Spindle Speed Control	No	Yes
Spindle Speed Override	No	Yes
Max. Feed Rate	5000mm/min - 196.85in/min	
Max. 3D Profiling	4500mm/min - 177.17in/min	
Spindle Motor 110V Supply	800W - 1.07HP	1.0kW - 1.34HP
Spindle Motor 230V Supply	530W - 0.71HP	
Axes Motors	Stepper	
Power Requirements	Single Phase, 230V - 8A / 110V - 10A	
Frequency	50/60 Hz	