


**DENFORD**

# Compact 1000/1000 PRO

COMPACT 3 AXIS CNC ROUTER



Shown with optional universal bench and integral dust extraction.



## Compact 1000/1000 PRO

COMPACT 3 AXIS CNC ROUTER

A compact 3 axis CNC Router with totally enclosed interlocking guard, suitable for all levels of education and training. The Compact 1000 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.

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

VR CNC Milling Operating Software (PC not included).  
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, Industrial Keypad, 4th Axis Programmable Rotary Fixture, 3D Scanning Attachment, Universal Machine Bench and Dust Extraction Unit.

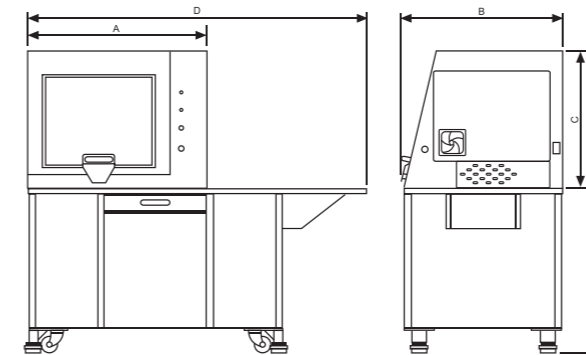
### SYSTEM REQUIREMENTS

Please refer to page 13.

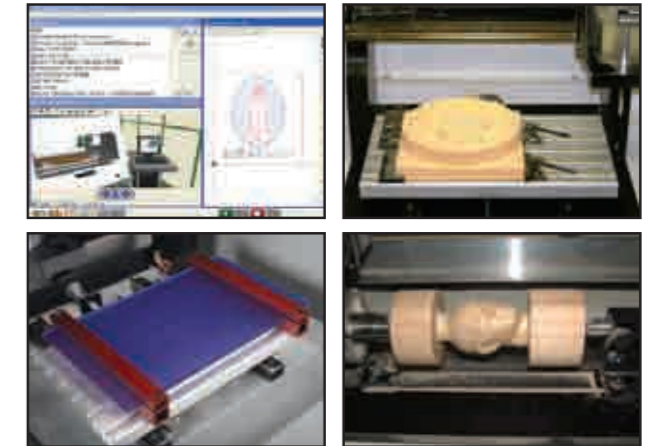
### RECOMMENDED SOFTWARE PROGRAMS

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

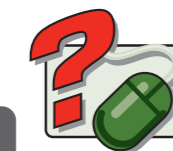
- For 2D Designs - will link to packages able to export 2D dxf files such as QuickCAM 2D Design, TechSoft Design Tools - 2D Design, CorelDraw etc.
- For 3D Designs - will link to packages able to export STL files such as Pro/DESKTOP, ArtCAM and Autodesk Inventor SolidWorks etc. when used in conjunction with QuickCAM Pro.



Machine Dimensions.



MECHANICAL DETAILS	COMPACT 1000	COMPACT 1000 PRO
Machine Length (A)	875mm - 34.45in	
Machine Depth (B)	750mm - 29.53in	
Machine Height (C)	675mm - 26.58in	
Length with Optional Base (D)	1600mm - 62.99in	
Height with Optional Base (E)	1440mm - 56.69in	
Machine Weight	116kg - 255.74lb	
Machine Weight with Opt. Base	230kg - 506.06lb	
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	23000RPM	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	
Mains Supply Requirements *	Single Phase	
(* Alternative supplies available on request)		
Spindle Motor	1.1kW - 1.48HP	1.0kW - 1.34HP
Axes Motors	Stepper	
Volts	230 Volts - 110/120VAC	
Amps	8 Amps	
Hz	50/60 Hz	
Electric Connection	13A Socket	



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