


DENFORD

Compact 1000 PRO

COMPACT 3 AXIS CNC ROUTER


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



4th Axis Programmable Rotary Fixture
See Router Accessories on page 33.



Shown with optional
universal bench and computer
support extension (PC not included)

THE COMPACT 1000 PRO COMES 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.

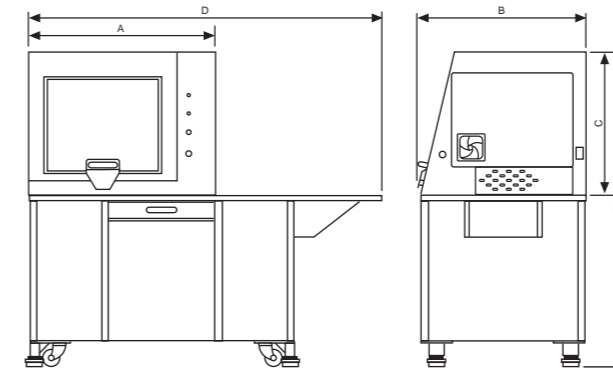
SYSTEM REQUIREMENTS

Please refer to page 13.

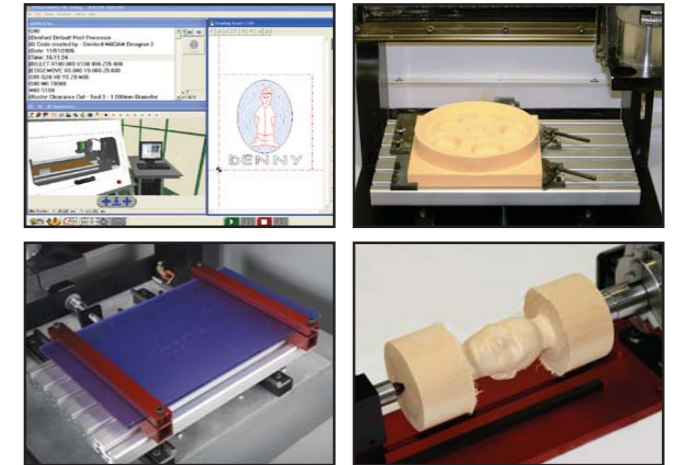
RECOMMENDED SOFTWARE PROGRAMS

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

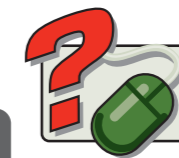
- For 2D Designs - will link to packages able to export 2D dxf files such as QuickCAM 2D Design, TechSoft Design Tools - 2D Design, CorelDraw etc.
- For 3D Designs - will link to packages able to export STL files such as Pro/DESKTOP, ArtCAM and Autodesk Inventor SolidWorks etc. when used in conjunction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



Machine Dimensions.



MECHANICAL DETAILS	COMPACT 1000 PRO
Machine Length (A)	875mm
Machine Depth (B)	750mm
Machine Height (C)	675mm
Length with Optional Base (D)	1600mm
Height with Optional Base (E)	1440mm
Machine Weight	116kg
Machine Weight with Opt. Base	230kg
Table Size	400 x 240mm
Travel X Axis	400mm
Travel Y Axis	240mm
Travel Z Axis	110mm
Beam Clearance	140mm
Max. Spindle Speed	24000rpm
Non-Ferrous Metal Cutting	Yes
Spindle Speed Control	Yes
Spindle Speed Override	Yes
Max. Feed Rate	5000mm/min
Max. 3D Profiling	4500mm/min
Mains Supply Requirements* (* Alternative supplies available on request)	Single Phase
Spindle Motor	1.0kW
Axes Motors	Stepper
Volts	230 Volts
Amps	8 Amps
Hz	50 Hz
Electric Connection	13A Socket



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