

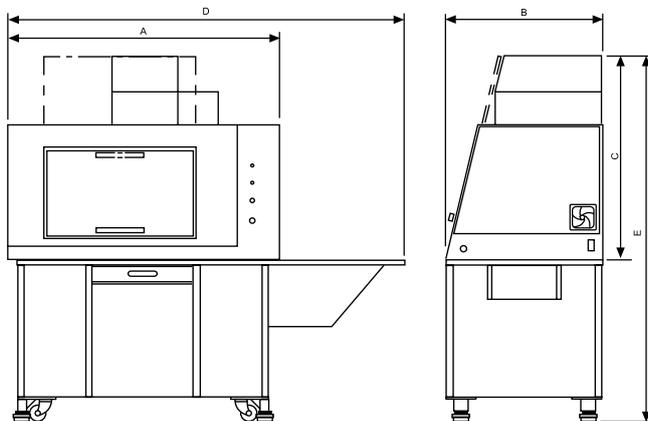
**DENFORD**

# VMC 1300/PRO

CNC MILLING MACHINE



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



Machine Dimensions.

A 3 axis CNC milling machine available either floor standing or for bench mounting, with totally enclosed high visibility interlocking guard, suitable for all levels of education and training. Programmable spindle speeds and feedrates make the VMC 1300 ideal for cutting a range of resistant materials such as wax, plastic, acrylic, free cutting alloys, aluminium and steel.

Now available with 6 or 8 Station Automatic Tool Changer and the option of Flood Coolant.

## VMC 1300/PRO

### THE VMC 1300/1300 PRO COME AS STANDARD WITH:

- VR CNC Milling Operating Software (PC not included).
- Power Drawbar with Manual Actuation.
- Workholding Clamps
- Installation and Instruction Manuals.
- USB Connection.

### OPTIONAL EQUIPMENT INCLUDES:

Table Mounted 6 or 8 Station Automatic Tool Changer (which can be removed to enable full 375mm X axis travel), Pneumatic Vice and Guard, Spray Mist Coolant, Automatic Lubrication System, Flood Coolant and 4th Axis Programmable Rotary Fixture.



### SYSTEM REQUIREMENTS

Please refer to page 27.

### RECOMMENDED SOFTWARE PROGRAMS

All software necessary to control the VMC 1300/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, Autodesk Inventor and SolidWorks etc. when used in conjunction with QuickCAM Pro.

MECHANICAL DETAILS	VMC 1300	VMC 1300 PRO
Machine Length (A)	1300mm	
Machine Depth (B)	750mm	
Machine Height (C)	1000mm	
Length with Optional PC Arm (D)	1900mm	
Height with Optional Base (E)	1765mm	
Machine Weight	353kg	
Machine Weight with Opt. Base	456kg	
Table Size	600 x 180mm	
Travel X Axis Without ATC	375mm	
Travel X Axis With ATC Fitted	250mm	
Travel Y Axis	160mm	
Travel Z Axis	235mm	
Table to Spindle	305mm	
Max. Spindle Speed	4000rpm	6000rpm
Max. Feed Rate	5000mm/min	
Max. 3D Profiling	4500mm/min	
Mains Supply Requirements* [* Alternative supplies available on request]	Single Phase	
Spindle Motor	1.1kW	1.6kW
Axes Motors	Stepper	
Volts	230Volts	
Amps	8Amps	10Amps
Hz	50Hz	
Electric Connection	13A Socket	