

VMC 1300/1300 Pro

CNC MILLING MACHINE

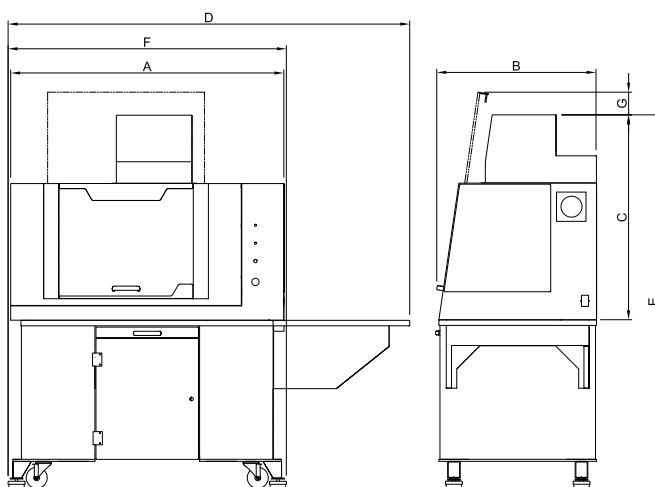


AVAILABLE WITH:

- Flood Coolant & Industrial Cabinet Base
- 6 or 8 Station Automatic Tool Changer
- Automatic Lubrication System

VMC 1300 Pro shown with optional machine bench and computer support extension.
(PC not included)

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. The VMC 1300 Pro has a more powerful, higher speed spindle (6000 rpm) for heavy duty cutting. Available with 6 or 8 Station Automatic Tool Changer and the option of Flood Coolant with Industrial Cabinet Base.



Machine Dimensions.



VMC 1300/1300 Pro

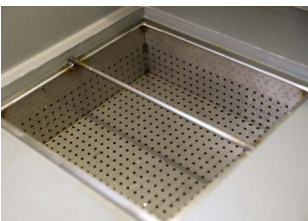
THE VMC 1300/1300 PRO COME AS STANDARD WITH:

- VR CNC Milling Operating Software (PC not included)
- QuickCAM 2D Design Software (1 seat)
- Power Drawbar with Manual Actuation
- Workholding Clamps
- Installation and Instruction Manuals
- USB Connection

NB The Flood Coolant model comes complete with Industrial Cabinet Base.

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, 4th Axis Programmable Rotary Fixture (not available with flood coolant model) and Machine Bench (flood coolant model comes as standard with industrial cabinet base).



RECOMMENDED SYSTEM REQUIREMENTS

Please refer to page 27.

RECOMMENDED SOFTWARE PROGRAMS

All software necessary to control the VMC 1300/1300 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 40 - 41).

MECHANICAL DETAILS	VMC 1300	VMC 1300 PRO
Machine Length (A)	1300mm - 51.18in	
Machine Depth (B)	750mm - 29.53in	
Machine Height (C)	1325mm - 52.17in	
Length with Optional PC Arm (D)	1910mm - 75.20in	
Machine Height with Optional Base (E)	1765mm - 69.49in	
Machine Length with Optional Base (F)	1330mm - 52.36in	
Additional Height door open (G)	65mm - 2.56in	
Machine Weight	353kg - 778.23lb	
Machine Weight with Opt. Base	456kg - 1005.31lb	
Table Size	600 x 180mm - 23.62 x 7.09in	
Travel X Axis Without ATC	375mm - 14.76in	
Travel X Axis With ATC Fitted	250mm - 9.84in	
Travel Y Axis	160mm - 6.30in	
Travel Z Axis	235mm - 9.25in	
Table to Spindle	305mm - 12.01in	
Max. Spindle Speed	4000rpm	6000rpm
Max. Feed Rate	5000mm/min - 196.85in/min	
Max. 3D Profiling	4500mm/min - 177.17in/min	
Spindle Motor	1.1kW - 1.48HP	1.6kW - 2.15HP
Axes Motors	Stepper	
Power Requirements	Single Phase, 230V - 10A / 110V - 16A	
Frequency	50/60 Hz	