

VMC 1300 Pro

CNC MILLING MACHINE



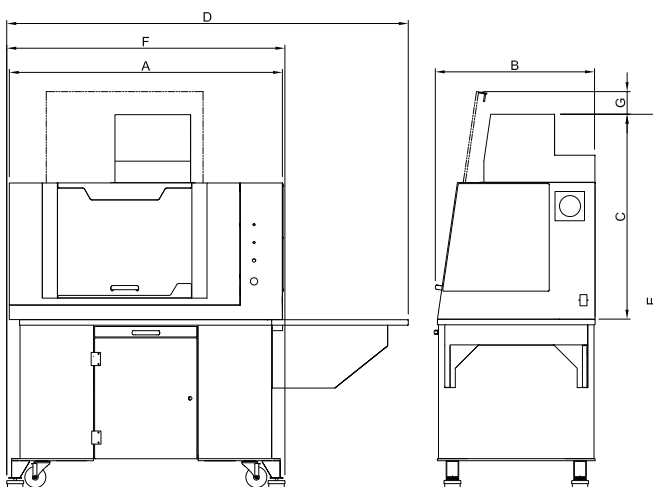
AVAILABLE WITH:

- 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. A powerful, high-speed spindle (6000 rpm) makes the VMC 1300 Pro ideal for heavy duty cutting, as well as cutting a range of resistant materials such as wax, plastic, acrylic, free cutting alloys, aluminium and steel.

Available with 6 or 8 Station Automatic Tool Changer and the option of Flood Coolant with Industrial Cabinet Base.



Machine Dimensions.



VMC 1300 Pro

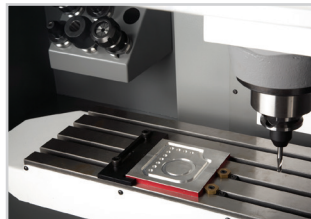
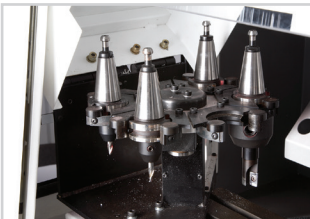
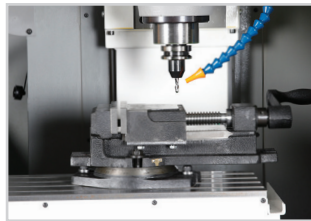
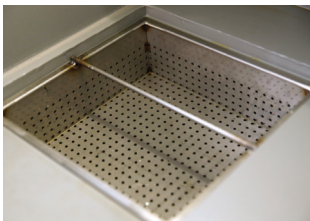
THE VMC 1300 PRO COMES AS STANDARD WITH:

- 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
- Ethernet or 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 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	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	6000rpm
Max. Feed Rate	5000mm/min - 196.85in/min
Max. 3D Profiling	4500mm/min - 177.17in/min
Spindle Motor	1.6kW - 2.15HP
Axes Motors	Stepper
Power Requirements	Single Phase, 230V - 10A / 110V - 16A
Frequency	50/60 Hz