

VMC 1300 Pro

CNC Milling Machine with optional Flood Coolant



CHAT TO THE TEAM

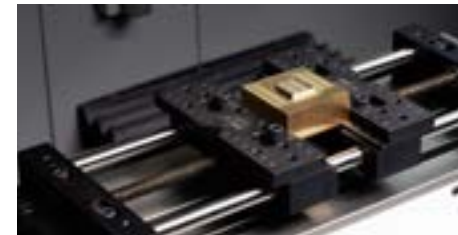
VMC 1300 PRO

Technical information

Equipment as standard

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

The Flood Coolant model comes complete with Industrial Cabinet Base



Brass block in a Self-Centring Vice

Optional extras

- Recommended Set of Tools
- Recommended Set of Toolholders
- Self-Centring Vice
- 6 or 8 Station Automatic Tool Changer (which can be removed to enable full 375mm X axis travel)*
- Spray Mist* or Flood Coolant
- Automatic Lubrication System
- 4th Axis Programmable Rotary Fixture (Inc QuickCAM 4D site licence) Not available with Flood Coolant
- Machine Bench (Flood Coolant model comes as standard with Industrial Cabinet Base)
- Computer Support Extension for Machine Bench/ Cabinet Base
- Pneumatic Vice*
- Pneumatic Guarding*
- QuickCAM Pro Software

*Requires Compressed Air

*Machine Benches sold separately (see pg. 34)



Totally enclosed,
safe to use



Ideal for cutting a
range of resistant
materials



Heavy duty
cutting

Industrial-level CNC milling in an education-ready format

The Denford VMC 1300 Pro is a versatile 3-axis CNC milling machine suitable for all levels of learning and is available as desktop or bench-mounted configurations. With a powerful spindle, optional coolant systems and tool changers, it brings true industrial milling capability into the classroom.

Key Benefits:

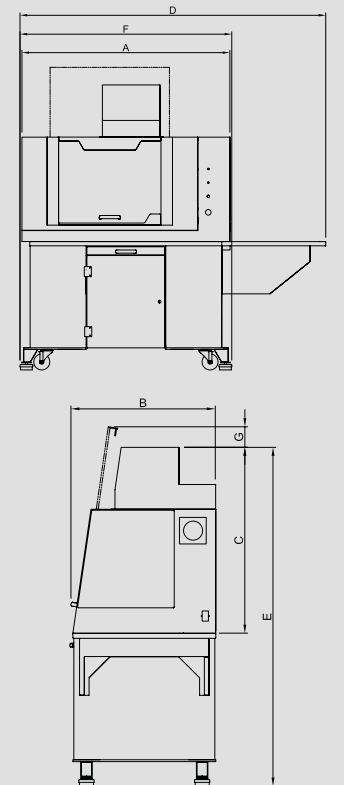
- Cuts wax, plastics, acrylics, non-ferrous and ferrous metals
- Optional spray-mist or flood coolant
- 6 or 8 station automatic tool changer options
- Fully enclosed with high-visibility guarding



6 station Automatic Tool Changer

Mechanical details

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 Optional Base	456kg	1005.3lb
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	6000rpm
Max Feed Rate	5000mm/min	196.85in/min
Max 3D Profiling	4500mm/min	177.17in/min
Mains Supply Requirements	Single Phase	Single Phase
Spindle Motor	1.6kW	2.15HP
Axes Motors	Stepper	Stepper
Voltage	230V	110V
Current	10A	15A
Frequency	50/ 60Hz	50/ 60Hz



Machine Dimensions