



**190VMCxi
CNC Milling
Machine**

A versatile bench top machining centre, housed in a single enclosed cabinet, it is ideal for schools and training college and can easily be moved between rooms. With full 2D and 3D Capacity, it is capable of machining mild steel, alloys and synthetic materials to close tolerances. Includes pre-loaded anti-backlash ball screws on all axes, closed loop spindle control, and available with automated accessories and robot interface port for FMS/CIM system integration. Includes on-site training for UK mainland customers.



Specifications

Machine:	190VMCxi
Axis Travel:	225 x 150 x 140mm
Table Size:	410 x 130mm
Max Feedrate:	33mm/sec (2000mm/min)
Spindle Speed:	350-3500rpm
Motor:	450W
Interface:	USB
Weight:	150kg
Dimensions (mm):	890(W) x 610(D) x 600(H) 1280(H) with guard open
Power Requirements:	240V 0.5kW, 13A Socket
Other Requirements:	Computer with USB
Warranty UK Mainland:	1 Year On-Site
Elsewhere:	1 Year Return and Collect



**300VMCxi
CNC Milling
Machine**

Floor standing machining centre with all the features of the 190VMCxi but with a larger machining capacity, plus one shot integrated lubrication system and flood coolant fitted as standard. Also includes integrated lockable storage cupboards and removable laptop shelf. Includes on-site training for UK mainland customers.



Specifications

Machine:	300VMCxi
Axis Travel:	304 x 157 x 213mm
Table Size:	505 x 135mm
Max Feedrate:	83mm/sec (5000mm/min)
Spindle Speed:	200-4000rpm
Motor:	1260W
Interface:	USB
Weight:	500kg
Dimensions (mm):	1955(W) x 820(D) x 1550(H) 2040(H) with guard open
Power Requirements:	240V 1.3kW, 13A Socket
Other Requirements:	Computer with USB
Warranty UK Mainland:	1 Year On-Site
Elsewhere:	1 Year Return and Collect

Prices £*

*See Pricing Information on page 2

MM-CNCMILL2	Boxford 190VMCxi CNC Milling Machine Supplied with Boxford software, vice, set of 6 toolholders, comprehensive set of tooling and additional 3D tooling	
Recommended Extras		
MM-CNCMILL2G	Cabinet base for MM-CNCMILL2 with braked castors, shelf & locking doors	
MM-CNCMILL2H	Laptop shelf for cabinet base	
Optional Extras		
MM-CNCMILL2F	Air-mist coolant for MM-CNCMILL2 (compressed air required)	
MM-COMPRESSOR3A	Bambi BB24V Compressor (0.5hp, 50 litres/min, receiver 24 litres, oil lubricated)	
MM-CNCMILL2J	Automatic 6-position toolchanger (needs compressed air and automation machine controller upgrade)	
MM-CNCMILL2K	Automation machine controller upgrade for MM-CNCMILL2	

Recommended Design Software

*TechSoft Design V3 (page 12); SOLIDWORKS (page 18)

Prices £*

*See Pricing Information on page 2

MM-CNCMILL3	Boxford 300VMCxi CNC Milling Machine Supplied with Boxford software, vice, set of 6 toolholders, comprehensive set of tooling and additional 3D tooling	
Optional Extras		
MM-CNCMILL3G	Automatic 8-position toolchanger (needs compressed air and automation machine controller upgrade)	
MM-COMPRESSOR3A	Bambi BB24V Compressor (0.5hp, 50 litres/min, receiver 24 litres, oil lubricated)	
MM-CNCMILL3H	Automation machine controller upgrade for MM-CNCMILL3	
MM-CNCMILL3J	Set of 2 toolholders (in addition to the supplied 6) to fully populate 8-position ATC	

Recommended Design Software

*TechSoft Design V3 (page 12); SOLIDWORKS (page 18)

* Each machine is supplied with a single copy of the Boxford CAD/CAM software which contains Mill Design (a cut-down version of TechSoft Design). TechSoft Design files will load directly into this. Alternatively, a Boxford Extension for TechSoft Design V3 can be purchased at a cost of £14871+VAT to allow seamless integration via File > CNC Output.