

CNC Milling and Turning

Boxford Combined CNC Lathes and Mills



**DUETi
Combined CNC
Lathe & Mill**

A versatile entry level combination lathe and vertical machining centre, housed in a single enclosed cabinet. This model is ideal for schools and training colleges and can easily be moved between rooms. Suitable for machining wax, plastics and other synthetic materials, it can be converted from lathe to mill in less than a minute and has full 2D and 3D capability. It includes slant bed configuration in lathe mode, 10 position automatic lathe tool changer, preloaded anti-backlash ball screws, 80mm diameter precision three jaw self-centering chuck and quick change vice for mill work holding. Includes on-site training for UK mainland customers.

Specifications

Machine:	DUETi
Lathe Mode	
Distance Between Centres:	330mm
Swing Over Bed:	225mm
X Axis Travel:	125mm
Z Axis Travel:	360mm
Mill Mode	
Axis Travel:	125 x 75 x 260mm
Table Size:	180 x 110mm
General	
Max Feedrate:	16mm/sec (1000mm/min)
Spindle Speed:	200-3500rpm (variable)
Motor:	380W
Interface:	USB
Weight:	80kg
Dimensions (mm):	890(W) x 480(D) x 590(H) 960(H) with guard open
Power Requirements:	240V 0.4kW, 13A Socket
Other Requirements:	Computer with USB
Warranty UK Mainland:	1 Year On-Site
Elsewhere:	1 Year Return and Collect



**MT2i
Combined CNC
Lathe & Mill**

All the features of the DUETi, this floor standing combination lathe and vertical machining centre has stronger, precision components suitable for machining mild steel, alloys and synthetic material to close tolerances. It has a generous 400mm between centres, with optional tailstock steady, precision ground linear slides and preloaded anti-backlash ball screws on all axes and a 100mm diameter self-centering chuck. Integrated lockable storage cupboards and removable laptop shelf also fitted as standard. Includes on-site training for UK mainland customers.

Specifications

Machine:	MT2i
Lathe Mode	
Distance Between Centres:	400mm
Swing Over Bed:	210mm
X Axis Travel:	150mm
Z Axis Travel:	350mm
Mill Mode	
Axis Travel:	150 x 110 x 320mm
Table Size:	180 x 110mm
General	
Max Feedrate:	25mm/sec (1500mm/min)
Spindle Speed:	200-4000rpm (variable)
Motor:	2.2kW
Interface:	USB
Weight:	310kg
Dimensions (mm):	1500(W) x 720(D) x 1530(H)
Power Requirements:	240V 2.2kW, 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-CNCCOMB1	Boxford DUETi Combined CNC Lathe and Mill <i>Supplied with Boxford software, 80mm and 100mm 3-jaw self centering chuck, vice, external automatic and internal quick-change toolchangers, turning, parting & basic milling cutters</i>	
Recommended Extras		
MM-CNCCOMB1F	Cabinet base for MM-CNCCOMB1 with braked castors, shelf and locking doors	
MM-CNCCOMB1G	Laptop shelf for cabinet base	
Optional Extras		
MM-CNCCOMB1B	Comprehensive Set of Lathe Tooling for MM-CNCCOMB1	
MM-CNCCOMB1C	Comprehensive Set of Mill Tooling and Holders for MM-CNCCOMB1	
MM-CNCCOMB1D	Additional 3D Tooling for MM-CNCCOMB1	
MM-CNCCOMB1E	Tailstock for MM-CNCCOMB1	

Recommended Design Software

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

Prices £*

*See Pricing Information on page 2

MM-CNCCOMB2	Boxford MT2i Combined CNC Lathe and Mill <i>Supplied with Boxford software, 100mm 3-jaw self-centering chuck, vice, basic milling cutters, 8 station indexing turret and comprehensive set of tooling to fully populate indexing turret. (Machine is cabinet mounted.)</i>	
Optional Extras		
MM-CNCCOMB2D	Comprehensive set of mill tooling and holders for MM-CNCCOMB2	
MM-CNCCOMB2E	Additional 3D Tooling for MM-CNCCOMB2	
MM-CNCCOMB2F	Tailstock for MM-CNCCOMB2	
MM-CNCCOMB2G	Flood Coolant for MM-CNCCOMB2	

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.