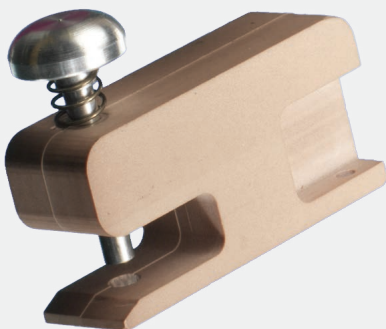
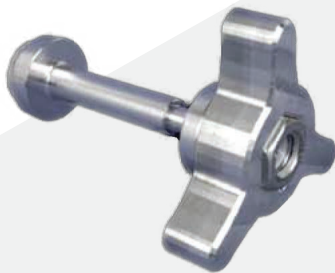
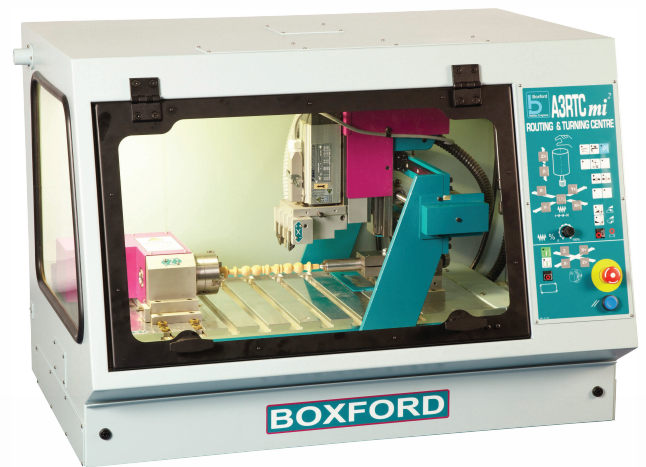


CNC Combination Machines

The innovative and unique Boxford range of combined lathes, machining centres and routers, offer users unrivalled performance and ease of use. Within a matter of minutes, both lathe components incorporating external and internal profiles, including screw threads, 2½D mill/router components incorporating pockets, slots, holes and text can be designed, simulated and manufactured in a variety of materials.

Featuring a high-end machine controller, utilising the latest motion control technology, they can satisfy all your turning, 2½D milling or routing and 3D milling or routing requirements.





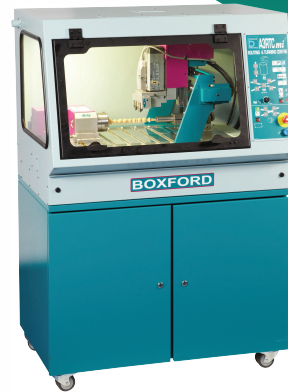
DUETi

Entry level bench top PC controlled combined CNC lathe and vertical machining centre, suitable for machining wax, plastics and other synthetic materials. Unique conversion from lathe to mill in less than 1 minute. The Machine can also be orientated vertically for milling.



MT2i

Floor standing PC controlled combined CNC lathe and machining centre, capable of machining mild steel, alloys, plastics and other synthetic materials. Unique conversion from lathe to mill. Includes lockable storage cupboards and removeable laptop shelf. Optional flood coolant.



A3RTCmi² & A3RTCmi²Ex

Bench top PC controlled combined CNC router and lathe, suitable for machining hardwoods, softwoods, manufactured boards, plastics and other synthetic materials. Machine is also capable of machining aluminium alloys and brass when in router mode.

Standard features:

- USB interface
- Integrated touch sensitive control panel with illuminated push buttons to allow manual machining
- Integrated machine lighting
- Single seat of Boxford 'CAD/CAM Design Tools' software (incorporating Techsoft 'Mill Design' & import wizards for creating 2, 3 and 4 axes machining routines from 2D and 3D CAD files, JPEG and BMP image files and Gerber PCB files)

Optional accessories:

- Comprehensive lathe tooling set
- Comprehensive mill tooling set
- Comprehensive mill tool holder set
- Machine vice
- Manual tailstock steady
- Portable cabinet base
- Air mist coolant

	Specifications	DUETi	MT2i	A3RTCmi² (Ex)
Lathe Mode	Swing over bed	225mm	210mm	130mm
	X axis travel	125mm	150mm	130mm
	Z axis travel	360mm	350mm	360mm (710mm)
	Chuck diameter	80mm	100mm	125mm
Mill or Router Mode	Spindle bored to pass	20mm	25mm	20mm
	Distance between centres	330mm	400mm	230mm (580mm)
	X axis travel (longitudinal)	125mm	150mm	575mm (925mm)
	Y axis travel (cross)	75mm	110mm	325mm
General	Z axis travel (vertical)	260mm	320mm	130mm
	Table area	180x110mm	180x110mm	750x400mm (1100x400mm)
	Spindle Motor	380 w	1100 w	Lathe - 380 w, Router - 1000 w
	Infinitely variable spindle speeds	200-3500 rpm	200-4000rpm	Lathe - 200-2500 rpm, Router - 8000-23000 rpm
	Electrics	110/220/240 V 1 phase		
	Programmable feed	0-1000mm/min	0-1500mm/min	0-5000mm/min
	Rapid feed rate at 100%	1000mm/min	1500mm/min	5000mm/min
	Machine weight	80kg	310kg	165kg (205kg)
	Max dimensions (w x d x h mm)	890x480x960	1500x720x1530	1050(1400)x750x1120

See our full range of manufacturing systems for education, design and industry on our website: www.boxford.co.uk or call us on +44 (0)1422 324810