

CNC Routers

The Boxford range of 3-axis CNC high performance routers are ideally suited to fulfil all levels of education and training requirements, as well as a host of design and commercial applications.

Manufactured in the UK, the rigid machine construction, incorporating high quality precision components, facilitates the use of high material removal strategies, giving a component throughput that lower quality machines of lighter construction cannot match.





A3HSRmi²

Bench top CNC routers suitable for machining hardwood, softwood, manufactured boards, plastics, other synthetic materials, aluminium alloys and brass.



A3HSRmi² EX

Extended capacity versions of the A3HSRmi² and A3HSRmi² machines, offering 350mm extra machining area to accommodate a larger variety of work.

Standard features:

- USB interface
- Tooling starter pack
- 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:

- Removeable vacuum bed
- Manual rotary indexer
- Auto rotary indexer
- PCB floating head kit
- Lathe attachment
- Portable cabinet base
- Extraction manifold kit
- High performance extractor
- Standard extractor

Specifications	A3HSRmi²	A3HSRmi² Ex	
Axis travel	X (Longitudinal)	575mm	925mm
	Y (Cross)	325mm	325mm
	Z (Verticle)	130mm	130mm
Table area	750x400mm	1100x400mm	
Spindle motor	1000 watts	1000 watts	
Spindle speed	8000 - 23,000rpm	8000 - 23,000rpm	
Electrics	110/220/240 V 1phase		
Programmable feed	5000mm/min	5000mm/min	
Rapid feed rate at 100%	5000mm/min	5000mm/min	
3D profiling up to	8500mm/min	8500mm/min	
Aluminium alloys/brass	YES	YES	
Machine weight	150kg	190kg	
Max dimensions (w x d x h mm)	1050x750x740	1400x750x740	