

MULTICAM "M" SERIES ROUTERS

INNOVATIVE DESIGN • USER FRIENDLY • LOCAL SERVICE • LOCAL SUPPORT



STANDARD FEATURES

- ★ Auto Cut Sequencing
- ★ Multipass Cutting
- ★ Multiple Bridging
- ★ "V" Ramp Entry/Exit
- ★ Drill Hole Patterns
- ★ Spindle Speed Control
- ★ Globe & Cylinder Wrap
- ★ Auto Plate Centering
- ★ 2D Hatch Engraving
- ★ 2D Island Engrave
- ★ 3D Engrave
- ★ 100's more features as standard

Presenting the Multicam "M" Series CNC routers

The Multicam M Series of routing machines have been engineered to suit the needs of manufacturers with nominal floor space. The M Series are ideal for routing, milling and engraving operations in 2D and 3D on a broad range of materials including Aluminum, Brass, Plastic, Timber, Foam Sheet, or Engrave into Traffolyte and Stainless Steel. Advanced features and flexibility, combined with an economical and affordable set of configurations make the M Series of routers ideal for manufacturers in many diverse industries.

Due to their format and affordable price, the M Series are popular with Secondary School Technical Education programs, Signmakers, Woodworkers, Plastic & Metal Fabricators, Engravers and many other businesses with smaller processing needs. Built with the robust construction that Multicam

products are known for, the M Series are equipped with the same brands of components as you find on all Multicam machines, including THK bearings, paired rack & pinion, industry standard AMC electronics, Flash RAM and more. All this ensures high speed data processing capability, and motion control that is second to none.

The M Series of Routers are also easy to learn. Using our Toolpath CAM program (which is included with all M Series routers) your existing software, or a software program of your choice, is connected to the machine. Programs such as MultiCAD, Enroute, Autocad, Signlab, Illustrator and CorelDraw are a popular choice. Every feature required to quickly turn your design into a routing file is available in our Toolpath program

Streamline Operation

The MULTICAM M Series of CNC Routers fits easily into any production setup, no matter how high your production or how demanding the pace. The onboard computer (AMC) utilises advanced microprocessors components with flash RAM technology. The AMC Smart Control allows the machine operator to design, resize,

rotate, array, mirror & perform automatic sequencing at the machine. Operators also have full control over cutter size compensation, feed rates, plunge speeds, cut direction, depth control & stop & re-start at any shape or time. All this makes the M series a streamline production machine.

Performance

Multicam CNC routers are designed & manufactured to suit the need of Australian manufacturers. Sturdy construction ensures a long & profitable service life. The aluminium T-Slot top provides a long lasting utility while the powerful drive system ensures trouble free & accurate running. Downtime represents lost revenue & all

our machines are designed to virtually eliminate downtime. At Multicam Systems we have been successfully selling & servicing CNC routing machinery in Australasia since 1987, a track record you can depend on.

Applications

If you are presently using templates, hand routers, band saws, drills, knives, or table saws, a MULTICAM M-I Router can make your manufacturing process more efficient & accurate. The MULTICAM series of CNC machinery are easily configured to perform a variety of tasks including

routing, engraving, drilling & pattern making. Process material such as aluminium, brass, copper, stainless steel, plastics, timbers, foam, solid surface materials, composite materials & much more.

Machine Options

The M series is available with a number of optional items. Our unique vacuum table grid includes valved vacuum zones, also available is a Push Button Tool change spindle, Trico Mist Spray Unit for metal cutting & several different knife cutting heads. Each of these options allow the operator a wider range of machine use possibilities.



Specifications

	MI	MII
Overall Length	1850mm	3150mm
Overall Width	1450mm	1950mm
Process Length	1200m	2500mm
Process Width	1000mm	1300mm
Z-Axis Stroke	170mm	170mm
Z-Clearance	150mm	150mm
Repeatability	+/-0.05mm	+/-0.05mm
X,Y & Z Bearings	THK Precision linear rails & bearings	
Power Requirements	15amp single phase	15amp single phase
Warranty	12months	12months

Note: optional vacuum pump & quick tool change spindle require 3phase power

Construction

Table top	Aluminium T-Slot Extrusion
Frame	Fully fabricated steel RHS

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MULTICAM
CNC ROUTING MACHINERY