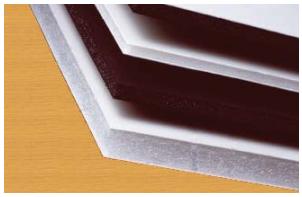
Gerber

M Series

CUT outside the Box



The M Series Flatbed Cutting Tables

Versatile graphics finishing

"It is tremendously versatile and fits the needs of our business model perfectly."

Versatility

- Accurate, digital finishing of a wide variety of graphic materials : from thick rigid substrates to folding carton, pressure-sensitive vinyl and much more.
- T3 cutting head carries and works with up to three tools at a time. A complete ranges of modular graphic finishing tools is available.
- Material hold-down system with 5 individually controlled vacuum zones for optimal configuration of the cutting area.
- Easy to use, powerful operator interface.

Productivity

- M Vision registration system automatically compensates for accuracy errors during printing, ensuring a digitally precise cut every time.
- Auto Tool ID system automatically identifies the tool type and its position on the T3 head, for quick toll changeovers.
- System enables open access to the cutting area for easy material loading and removal.

Value

- Superior build quality and solid construction ensure reliable performance over time.
- A rich list of standard features, tools and accessories in a turnkey system that's ready to address all your finishing requirements.

The Gerber M Series flatbed cutter is a powerful and versatile solution for automatic print-to-cut finishing of a wide spectrum of graphic outputs. From routing inkjet-printed rigid substrates, to kiss-cutting vinyl decals, to contour cutting and creasing of digital offset POP graphics, the Gerber M Series can handle all your finishing needs accurately and 100% digitally, expanding your capabilities while maximizing the productivity and efficiency of your operations.

Standard M Series Configuration Includes:

- **T3 tool head system with 4 modular tools for precision digital graphics finishing**
  - Pneumatic router
  - Reciprocating knife
  - Creasing wheel tool
  - Precision drag knife for cutting highly abrasive substrates
- **M-Vision registration system**
- **Overlay cutting mat**
- **5-zone vacuum hold-down system with 10HP pump**
- **Chip extraction system**
- **Light barrier safety system**
- **PC Workstation with cabinet**
- **Gerber OMEGA CP software suite**
- **Starter kit of Gerber knife blades, router bits, and creasing inserts for each tool**
- **12-month parts & service warranty**

Options / Accessories

- **Additional available modular tools**
  - Reciprocating knife for foam cutting
  - Double-edged fixed blade knife
  - Spring-loaded knife for vinyl & flexible material
  - Tangential knife with micrometer-controlled depth adjustment
  - Bevel knife tool
  - Pen plotting tool
- **High-loft system configuration for increased cut height**
- **High-power vacuum hold-down system with 18HP pump**

Specifications

	M 3000	M Turbo	M 1200
Table Size	103″ x 148″ (2620mm x 3760mm)		95″ x 77″ (2410mm x 1955mm)
Active Cutting Area	75″ x 120″ (1900mm x 3000mm)		66″ x 46″ (1675mm x 1170mm)
Max Cutting Speed	Up to 34″/sec.	30″/sec. (860 mm/sec.)	Up to 34″/sec.
Acceleration	0.75 G	0.5 G	0.80 G
Max Tool Force	60 lbs. (267 N)	80 lbs. (356 N)	60 lbs. (267 N)
Spindle	N/A	1 Kw, 1.4 HP, Liquid Cooled	N/A
Spindle RPM	N/A	6,000 - 50,000 RPM	N/A
Position Accuracy	0.003″/ft of travel (0.25mm/m of travel)		
Standard Vacuum	10 HP; zoned system		
Cutting Underlay	Several types available including: High Friction PVC, Texon and Felt		
Standard Modular Tools	Oscillating Knife; Pneumatic Router; Precision Drag Knife; Creasing Wheel		

World Class Service And Support

Each M Series system is backed by Gerber's world-class customer service organization. Gerber customers benefit from the unique expertise of a highly supportive, value-add distribution network, and rely on the widest and most capable service organization in the industry. Our technical support staff is based locally near our customer operations, and are ready to provide a full range of installation, training and support services whenever you need them, helping you realize maximum return on your equipment investment for many years to come.

Through the value of our product solutions and the expertise of our people, Gerber helps keep your business thriving in today's competitive environment.

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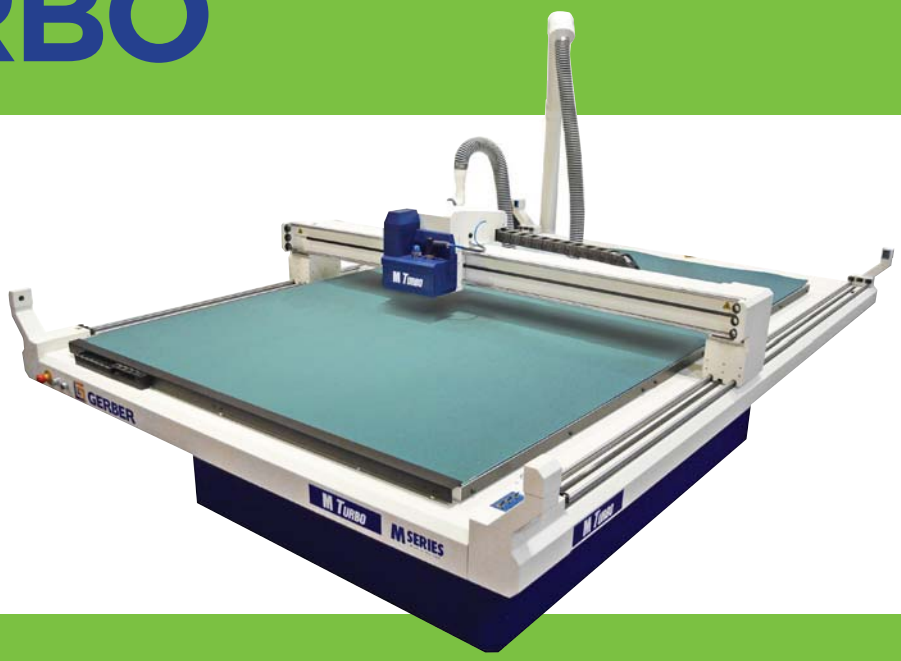
M Series TURBO



- Routs aluminum up to .080
- Routs acrylic & wood up to 3/4 inch
- Cuts & creases like all M Series Routers
- Routs **4X Faster** than the standard M 3000 Router

Specifications

Table Size	103”x 148” (2620mm x 3760mm)
Active Cutting Area	75” x 120” (1900mm x 3000mm)
Max Cutting Speed	30”/sec (762 mm/sec.)
Acceleration	0.5 G
Max Tool Force	80 lbs. (356N)
Spindle	1Kw, 1.4 HP, Liquid Cooled
Spindle RPM	6,000-50,000 RPM
Standard vacuum	10 HP; zoned system
Standard Modular Tools	Oscillating Knife, Pneumatic Router, Precision Drag Knife, Creasing Wheel

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