

The Fusion of Strength and Precision



Cut, Carve, Engrave, Inlay, and More!

Automated XYZ routing tables ideally suited for cutting wood, plastic, and metal.



Applications

- Push-through letters
- Engraving
- AutoInlay™
- ADA-compliance signage
- Channel lettering
- Drilling
- Reverse Carving
- Architectural uses
- Electrical applications
- Engraved signs
- POP displays
- Commercial activities
- Wholesale sign components
- Exhibits & displays
- Carved signs
- Plastic fabrication
- Woodworking

Features

- Aluminum construction
- Superior lead-screw drive
- Paneling (long-sign mode)
- Superior Z-axis depth control
- Cut-to-mask accuracy
- T-VAC slotted vacuum table
- Patented material hold-down & chip removal
- Intuitive user interface
- Exclusive Gerber routing, engraving, and ADA bits
- Affordable to own and operate

Benefits

- Lighter, but more rigid, than steel
- Accurate tolerance, minimal maintenance, no lubrication
- Rout seamless signs of unlimited length from a continuous sheet
- Accurately rout to the table surface without cutting the table
- Precisely rout to material mask for securing small shapes
- Use vacuum, clamps, or both to hold down material to table
- Maintains material flatness and collects debris for clean surface
- Short learning curve
- Superior edge quality and longer machine life with lower costs
- Increased shop capacity & rapid ROI

GERBER
SABRE ROUTER

Here's what People are Saying:

"Our Gerber SABRE is one of the best investments we've ever made. It has proven to be a robust workhorse for us. It is used every day, cutting all different materials from 3/4" plywood and 1 1/2" MDF to plastics and foams. It was a game changer when we bought it, and has become invaluable since then."

Steve Perez, Wingsite Displays, Inc.

Specifications	SABRE 404	SABRE 408
Active Cutting Area	53.5" x 54" (1,350 mm x 1,370 mm)	53.5" x 101" (1,350 mm x 2,565 mm)
Overall Size	68" x 75" (1,727 mm x 1,900 mm)	68" x 123" (1,727 mm x 3,120 mm)
Weight	1,245 lbs. (564.7 kg)	1,575 lbs. (714.4 kg)
Max Material Thickness	4.4" (110 mm)	4.4" (110 mm)
Max Material Width	59" (1,500 mm)	59" (1,500 mm)
Z Axis Travel	7.5" (190 mm)	7.5" (190 mm)
X, Y Feed Rate	600 ipm (250 mm/sec.)	600 ipm (250 mm/sec.)
Z Feed Rate	300 ipm (125 mm/sec.)	300 ipm (125 mm/sec.)
Max Positioning Rate	1,400 ipm (593 mm/sec.)	1,300 ipm (550 mm/sec.)
Repeatability Accuracy	0.000078" (0.0019 mm.sec.)	0.000078" (0.0019 mm.sec.)
Drive System	Patented anti-backlash lead screw	Patented anti-backlash lead screw
Controller	32-bit servo	32-bit servo
Certifications	CE, ETL	CE, ETL
Power Range	187/264 VAC, 50/60 Hz, single phase	187/264 VAC, 50/60 Hz, single phase
Operating Environment	55°F - 95°F (13°C - 35°C) 0% - 70% RH	55°F - 95°F (13°C - 35°C) 0% - 70% RH

Gerber has expanded its portfolio of routing bits to meet your demanding cutting needs. Contact your local distributor for more information.



Proudly made
in the USA

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Your Authorized Gerber Distributor