

Sabre



THE FUSION OF STRENGTH AND PRECISION

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

Cut, Carve, Engrave, Inlay, and More



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	Benefits
Aluminum construction	Lighter, but more rigid, than steel
Superior lead-screw drive	Accurate tolerance, minimal maintenance, no lubrication
Paneling (long-sign mode)	Rout seamless signs of unlimited length from a continuous sheet
Superior Z-axis depth control	Accurately rout to the table surface without cutting the table
Cut-to-mask accuracy	Precisely rout to material mask for securing small shapes
T-VAC slotted vacuum table	Use vacuum, clamps, or both to hold down material to table
Patented material hold-down & chip removal	Maintains material flatness and collects debris for clean surface
Intuitive user interface	Short learning curve
Exclusive Gerber routing, engraving, and ADA bits	Superior edge quality and longer machine life with lower costs
Affordable to own and operate	Increased shop capacity & rapid ROI





SPECIFICATIONS	SABRE 404	SABRE 408
ACTIVE CUTTING AREA	53.5" x 54" (1350mm x 1370 mm)	53.5" x 101" (1350mm x 2565mm)
OVERALL SIZE	68" x 75" (1727mm x 1900mm)	68" x 123" (1727mm x 3120mm)
WEIGHT	1,245 lbs (564.7 kg)	1575 lbs (714.4 kg)
MAX MATERIAL THICKNESS	4.4" (110 mm)	4.4" (110 mm)
MAX MATERIAL WIDTH	59" (1500 mm)	59" (1500mm)
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	1400 ipm (593 mm/sec)	1300 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

Your Authorized Gerber Distributor:

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 ¾” plywood and 1½” 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.