



GERBER ROUTERS. NOT ONLY THE BEST IN THE BUSINESS...

BUILT TO LAST WITH CUTTING-EDGE TECHNOLOGY.

Gerber Scientific Products, Inc. is one of four wholly-owned subsidiaries of Gerber Scientific Inc., premier designer and manufacturer of the world's most sophisticated automation equipment. For more than fifty years, Gerber flatbed plotter/cutter technology has literally revolutionized every major industry — from electronics, aerospace, automotive, optical, and apparel to printing, metalworking, woodworking, graphic arts, and sign making.



IMPRESSIVE RESOURCES. When you invest in a Gerber router, you're buying more than just the most solid, reliable equipment on the market. Listed on the New York Stock Exchange, Gerber remains at the forefront of new product development with over 900 global patents, a worldwide distribution network, and a massive ongoing investment in R&D. Gerber's



ever-expanding array of precision products combines leading-edge technology with the expressed needs and requirements of professionals just like you the world over.



UNPARALLELED SUPPORT. At Gerber, we don't just pride ourselves on customer support, we've built our reputation on it. With every Gerber router comes a team of Installation, Application, and Field Service Specialists — and a worldwide distributor network — so you're assured of peak performance in your shop. That means a full understanding of system capabilities and the profit potential for your business. Router Product Specialists will walk you through your jobs with helpful information regarding operations, software, new materials and cutting techniques.



BUILT
to *last*

WHEN YOU'RE PLANNING YOUR FUTURE, do you envision expansion: new markets, new capabilities, more profit, less dependency on wholesale suppliers? You'll achieve all this, and more — and without adding people or space or learning complex new skills.

A Gerber router is your entry ticket to a wide variety of lucrative new markets. It's the best investment you'll ever make — just ask anyone who's got one.



CARVED SIGNS AND LETTERING
Incised 3-D letters, graphics, and borders produced with computerized precision.

WITH A GERBER ROUTER

YOU'VE got the *power!*



ENHANCING FLAT GRAPHICS
Add value to your EDGE® and Vinyl graphics with dimensional components.



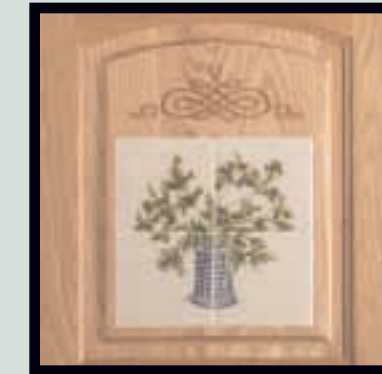
EXHIBITS
Dramatic effects for trade show booths, theme parks, or movie and theater productions.



REVERSE CARVING
Directories, room identification, and wayfinding for hotels, hospitals, and offices.



3D CONTOURING
Produce 3D images for all types of signage, woodworking and vacuum molding applications.



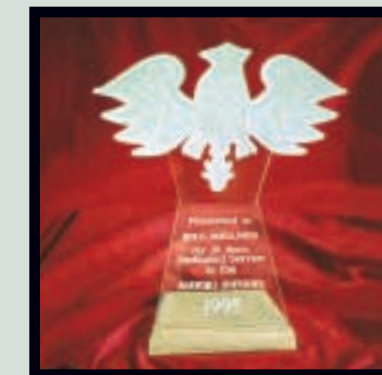
WOODWORKING
Customize cabinet doors and produce various woodworking products.



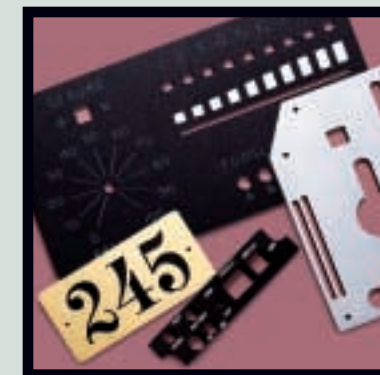
LARGE LETTERING AND LOGOS
Big businesses with big names mean big jobs and repeat orders.



ELECTRICAL
Stencil-cut illuminated faces for internally or externally illuminated signs of any size or shape.

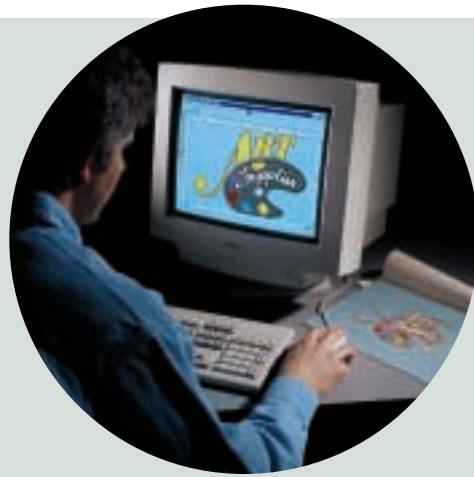


ENGRAVED AWARDS
Trophies, plaques, and accessories for corporations, municipalities, and sports teams.



INDUSTRIAL APPLICATIONS
Cut, drill or engrave automobile, aircraft and marine instrument panels and components.

It couldn't be easier



ART PATH SOFTWARE WORKS WITH GRAPHIX ADVANTAGE – AND ANY DESIGN SOFTWARE EXPORTING STANDARD FILES:
.AI • .EPS • .DXF • .HPGL

EVEN IF YOU'VE NEVER USED A ROUTER BEFORE, THERE ARE NO COMPLICATED NEW SKILLS TO LEARN.

ART PATH™ — the industry's most comprehensive open architecture router software — makes it simple, directing and executing all key system operations automatically:

- Generating tool paths
- Implementing standard templates for common tasks, material types, and sizes, as well as custom templates you easily design yourself
- Open architecture file conversion for easy design integration
- Nesting feature positions shapes to maximize material usage — less scrap
- Auto-Inlay™ produces rounded corners on male and female shapes — no manual filing
- Tool List in dialogue box enables you to stage all required tools in advance, increasing your production efficiency
- Smart Spindle lets you assign individual spindle speeds to every tool path for maximum cutting performance

1 DESIGN WITH GERBER GRAPHIX ADVANTAGE® SOFTWARE OR IMPORT FROM EXISTING .AI, .EPS, .DXF, OR .HPGL FILES.



2 ROUT CUT-OUTS, INLAYS, AND SHOULDERS INTO MAHOGANY.



3 "CUT-TO-MASK" MAKES ROUTING METALS AND ACRYLICS A SNAP.



4 APPLY GERBER'S PATENTED "PRISMATIC" FEATURE TO THE WORD "ART".



5 USE GERBER'S 3M™ SCOTCHCAL™ SERIES 230 TRANSLUCENT FILM FOR "PAINT COLORS".

6 WITH YOUR GERBER ROUTER'S PRECISION AND ACCURACY, FABRICATION TAKES NO TIME AT ALL!

INVEST IN GERBER — QUALITY AND UPGRADABILITY — NOT SHORTCUTS AND DEAD-ENDS.

A Gerber router, designed for safety, ease of use, maximum productivity, and minimal maintenance, is an unparalleled value. Take a good, close look at other routers. When you put them up against a Gerber, you'll see exactly what we mean.

SOLID CONSTRUCTION

Manufactured with industrial-grade components. Designed for premier performance. Custom-engineered to the tightest possible specifications. No exposed gears or racks to be easily damaged by cutting debris.

WORLDWIDE GOVERNMENT STANDARDS

Gerber has an ongoing commitment to meet the ever-changing worldwide quality and design standards. Current certifications for Emissions and Safety include "CE Compliance", "ETL Listed", and "FCC Certification".



QUALITY CONTROL — AT EVERY STAGE

Before it's shipped, every Gerber router must pass incredibly rigorous assembly and quality control tests for final performance certification. No Gerber router ships until it meets or exceeds our specifications.

SUPERIOR DRIVE TRAIN

Precision, speed, reliability, and longevity: the design criteria for every Gerber drive mechanism. Other routers use rack and pinion — it's less expensive, but loses accuracy over time as material debris gets lodged in the gears. Chips caught between the rack and pinion cause chatter in the cut, reducing edge precision and smoothness.

THE LEAD SCREW DRIVE MECHANISM used in Sabre™ and Dimension 200®

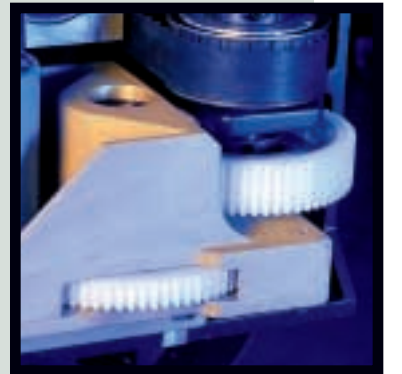
Series routers is located beneath the table and gantry — well-protected from flying debris. The turning, Teflon®-coated lead screws are self-cleaning, so chip build-up is virtually impossible. Anti-backlash nuts in X, Y, and Z axes take up backlash automatically. Our lead screw drive requires minimal maintenance and needs no lubrication. An unbeatable combination of speed, accuracy, and longevity.

THE SYNTHETIC SYNCHRONOUS DRIVE BELTS AND HIGH-PRECISION

DELTRIN® GEARS used in the ADVANTAGE Router™ 600 Series eliminate backlash and require no lubrication. Exceptional longevity, accuracy, and reliable maintenance-free operation.

SUPERIOR MATERIAL-HOLDING

- **PATENTED VACUUM SHROUD/ PRESSURE FOOT ASSEMBLY** maintains material flatness and continuously removes chips from the cutting area, ensuring a clean working environment.
- **T-VAC™ VACUUM TABLE**, for precision work-holding and maximum flexibility. Use clamps, vacuum, or both. Whatever the job, count on fast, convenient set-up, maximum productivity, and minimal material waste.
- **T-SLOT TABLE**, standard on all Gerber routers, has a precision-milled, high-performance surface for convenient top and side clamping.
- **CUT-TO-MASK PRECISION.** Superior Gerber work-holding technology saves you time and money. Cut precisely to your mask or backing paper — not through it. No material shifting. No secondary processing, like hand-finishing, required.



AT GERBER, WE BUILD THEM RIGHT.

no! SHORT CUTS

READY TO GROW YOUR BUSINESS AND BOOST PROFITS?

Not ready for more staff, more space, or disrupting your routine?

A **DIMENSION 200 SERIES ROUTER** is the perfect solution if you have limited manufacturing floor space. Simple to operate, virtually all the capabilities of a large-bed router — yet sits on a tabletop.

DIMENSION 200 SERIES

- Incredible new profit-potential — routing, engraving, inlaying, channel letters, 3-D letters and graphics, and ADA signage
- Cuts aluminum, brass, wood, plastics, and foamboards up to 2.25" (57mm) thick
- Same T-Slot work table and motorized Z-axis technology as our large-bed routers — comes standard with the T-VAC Vacuum Table for maximum production efficiency
- Choose from a selection of Router Motor/Spindles depending on application needs - 3.25 Hp Motor, 1.35 Hp Spindle or an Engraving Spindle.

DIMENSION 200 SERIES	
TABLE SIZE:	39" X 47" (990MM X 1194MM)
ACTIVE CUTTING AREA:	35.4" X 31.4" (900MM X 800MM)
FEED RATE:	54 INCHES/MINUTE (23MM/SECOND)
POSITIONING RATE:	76 INCHES/MINUTE (32MM/SECOND)
Z AXIS SPEED:	44 INCHES/MINUTE (19MM)
MAX. MATERIAL THICKNESS:	2.25" (57MM)
MAX. MATERIAL WIDTH:	37" (940MM)
MINIMUM WORK-SPACE:	10' X 14' (3048MM X 4267MM)
GOVERNMENT STANDARDS:	CE, FCC, ETL



DIMENSION 200 — HEAVY DUTY PERFORMANCE

- Perfect for routing, but also engraves
- 1.35 Hp High Frequency Spindle provides quiet, variable-speed operation at up to 28,000 rpm



DIMENSION 200 — ENGRAVING OPTION

The accuracy of an engraver with all the capabilities of a router. Engrave, burnish, or diamond-drag letters as small as .025" (.635mm) with the 1/4" (6mm) engraver spindle/motor.



THE perfect router for YOU

ONLY GERBER OFFERS A RUGGED ROUTER/ENGRAVER FOR YOUR PRECISE NEEDS AND SPACE — WHETHER YOU'RE A SINGLE-PERSON OPERATION OR A HUGE, DIVERSIFIED SHOP WITH HUNDREDS OF EMPLOYEES.

"I added the Dimension 200 and it has more than tripled my business. That's right. Tripled!"

KEN COMPTON
COMPTON SIGNS, WEST MONROE, LA

"Accuracy and repeatability of the Sabre are incredibly good. The craftsmanship of the end product is perfect. We love it!"

FRANCISCO SANCHEZ
EXPRESSARTE, ZAMORA, MEXICO

"We've run our Gerber router hard for over 10 years. The machine is top notch and the Gerber support team is always quick to listen and help."

PHILIP KEESEE
SMITHCRAFT, PHOENIX, AZ

"Productivity has gone up tremendously because we've been able to utilize material more efficiently, and the router is so fast, it would probably take three or four people working by hand with pin routers to accomplish the same as on the Sabre."

GLEN HARMISON
PROTO-FAB, INC., ELKHART, IN

"Getting the Sabre was a wonderful thing for our company. It's driving our profitability through the roof!"

JEFF MUELLER
MUELLER CUSTOM SIGNS, INC., MILWAUKEE, WI

"The learning curve was minimal. ART Path software is very user-friendly and I haven't found anything I can't do."

GREG CARRADINO
CLASSIC DESIGNS, OAKWOOD VILLAGE, OH

"My ADVANTAGE Router 600 paid for itself in one year. A lot of new jobs opened up for me as did a lot of wholesale work for other sign shops."

GREG JANOWIAK
SIGN WORKS, INC., BENSENVILLE, IL

"The repeatability of the cut takes away all worry about the precision of inlaid work."

REX LOWIN
NORTHAMPTON SIGNS, NORTHAMPTON, ENGLAND

WANT STATE-OF-THE-ART THREE AXES MOTION TECHNOLOGY?

Need heavy-duty construction plus fast set-up and feed rates for maximum output — day in and day out?

Then, a **SABRE** is the router for you.

All the capabilities of the Dimension 200 series, **PLUS:**

- High feed rate and positioning speeds increase capacity while reducing customer lead times and overall labor costs
- Execute intricate designs, while saving on materials and reducing secondary processing
- Extra-rugged custom extrusions and castings ensure unsurpassed accuracy at high speeds
- 32-bit microprocessor controls and the most advanced servo-technology

AUTOMATIC TOOL CHANGER OPTION FOR SABRE 404 AND SABRE 408

One-person shop or large

manufacturing facility, increase your efficiency and production output for multi-tool cutting applications.

Includes 10 Hp Spindle, 10-Tool Indexing Turret, ATC and Spindle Controllers — pre-installed or field-retrofitted.

SABRE SERIES 404 AND 408

TABLE SIZE:	SABRE 404	54" X 71.5" (1372MM X 1816MM)
	SABRE 408	54" X 121" (1372MM X 3073MM)
ACTIVE CUTTING AREA:	SABRE 404	53.5" X 54" (1350MM X 1370MM)
	SABRE 408	53.5" X 101" (1350MM X 2565MM)
FEED RATE:		600 INCHES/MINUTE (254MM/SECOND)
POSITIONING RATE:	SABRE 404	1400 INCHES/MINUTE (593MM/SECOND)
	SABRE 408	1300 INCHES/MINUTE (550MM/SECOND)
Z AXIS SPEED:		300 INCHES/MINUTE (127MM)
MAX. MATERIAL THICKNESS:		4.4" (110MM)
MAX. MATERIAL WIDTH:		59" (1500MM)
MINIMUM WORK-SPACE:	SABRE 404	16' X 18' (4877MM X 5486MM)
	SABRE 408	16' X 22' (4877MM X 6705MM)
GOVERNMENT STANDARDS:		CE, ETL



NEED THE BEST IN THE BUSINESS FOR LARGE,

CUSTOM WORK?

Ready to branch out into trade show exhibits, retail displays, large illuminated faces, cut-out letters, or free-standing structures?



ADVANTAGE ROUTER 600

SERIES provides all the capabilities of the Dimension 200 series, **PLUS:**

- Large work area accepts large material sheets
- Rugged belt/Delrin gear drive mechanism
- Same T-Slot work table and motorized Z-axis technology as our other routers — or choose the optional T-VAC Vacuum Table for maximum production efficiency
- Twin mist coolant applicators for metal cutting and patented Vacuum/Pressure foot

ADVANTAGE ROUTER 600

TABLE SIZE:	6'8" X 10' (2032MM X 3048MM)
ACTIVE CUTTING AREA:	6'8" X 10' (2032MM X 3048MM)
FEED RATE:	102 INCHES/MINUTE (43MM/SECOND)
POSITIONING RATE:	144 INCHES/MINUTE (61MM/SECOND)
Z AXIS SPEED:	44 INCHES/MINUTE (19MM)
MAX. MATERIAL THICKNESS:	3.5" (89MM)
MAX. MATERIAL WIDTH:	6'8" (2032MM)
MINIMUM WORK-SPACE:	22' X 22' (6705MM X 6705MM)
GOVERNMENT STANDARDS:	CE



GERBER ROUTERS ARE DESIGNED TO GROW, RIGHT ALONG WITH YOUR BUSINESS. Our modular growth platform lets you add significant new capabilities, on-site, should you decide to enter new markets, expand your business focus, or increase your in-house capabilities.

Available field-upgrades include High Frequency Spindles, Automatic Tool Changer, Engraving Options, software enhancements for dimensional sign carving and ADA signage, and T-VAC Vacuum Table.



AUTO-CARVE™ 3D

A Complete Carving Package, only from Gerber. Even if you've never carved before, Auto-Carve 3D is your ticket into lucrative new markets you may have thought were out of reach. Traditional carved signs, point-of-purchase displays, engraving applications, prototypes, personalized products, vacuum forming molds, die making, boat signs, and more! And, with Gerber's patented

prismatic lettering process, you'll be an instant master of this highly sought-after classic style.

AUTO-CARVE 3D SOFTWARE PROVIDES THREE DISTINCT CARVING STYLES:

- Incised carving for V-Bevel shapes and letters
- Chamfered Carving for flat-bottomed shapes and letters
- Prismatic Carving for raised shapes and letters

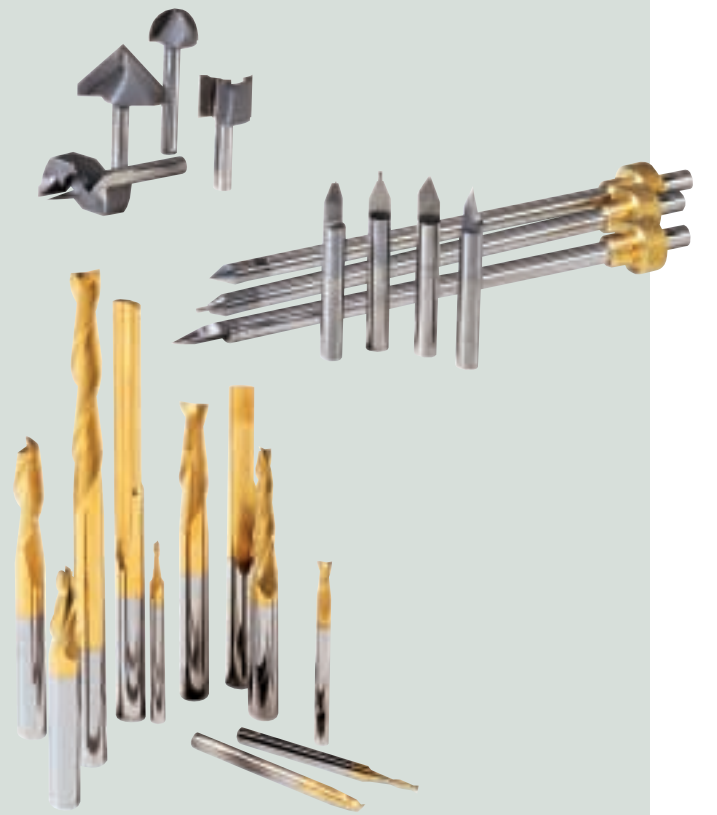


GERBER ROUTING BITS

At Gerber, our goal is to produce precision cutting bits of superior quality, ensuring maximum cutting performance for all the work you do — from routing and engraving to ADA signage and 3-D carving.

GERBER GOLD™ ROUTING BITS — made from the highest quality micrograin carbide, manufactured to the tightest tolerances in the industry, then coated with titanium nitride to further enhance durability. The result: superior edge quality and lower tooling costs.

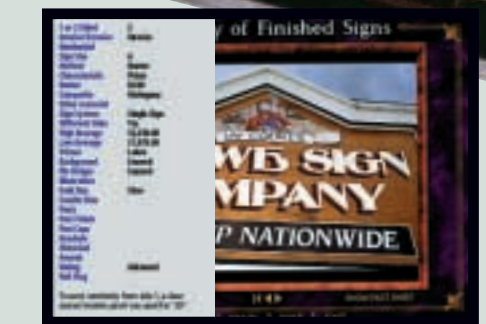
GERBER'S SPECIAL V-SHAPED CUTTING TOOLS for automatic 3-D carving create the precise beveled cuts, graceful slopes, and curves that characterize traditional hand-carved signs.



JAY COOKE'S

"CUSTOM DIMENSIONAL SIGNAGE" CD-ROM

At last! Another first — a multimedia tool that covers every dimension of custom dimensional signage from technique and materials to sales presentation and pricing — from Jay Cooke, internationally recognized designer and educator, based on his more than twenty years of experience. This landmark resource puts it all at your fingertips: photos, video, audio, charts, written content — even a Sign Gallery with 500 full-color finished signs.



OPTIONS & accessories

THE *best* in the business

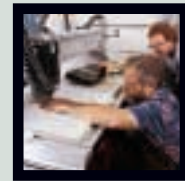
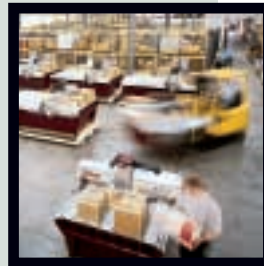


FROM INSTALLATION AND TRAINING to real-time problem solving, Gerber router customers receive a level of after-sale support that's unmatched by any other manufacturer or distribution network.

FAST, PROBLEM-FREE START-UP AND

COMPREHENSIVE TRAINING.

Our installation team gets your router up and running fast. With extensive on-site training on routine operations, ART Path software, and materials selection, you and your staff are producing high-quality results in record time.

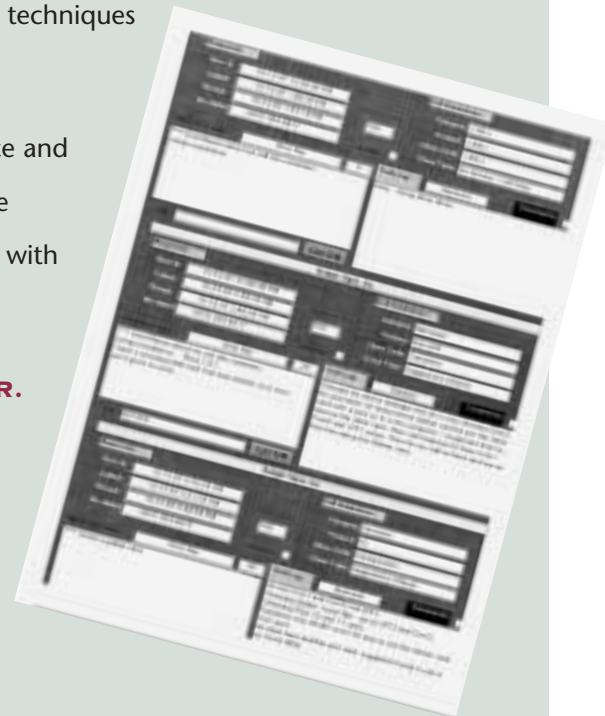


ONGOING TECHNICAL SUPPORT. Seasoned machine operations experts walk you through every daily shop concern, from new materials and application techniques to software considerations.

WE'VE GOT YOU COVERED! Your entire service and communications history is maintained on-line, so the technical representative you reach is already familiar with your equipment and shop situation.

YOU'RE ALWAYS GROWING WITH GERBER.

Gerber distributors offer an extensive portfolio of continuing education workshops and learning aids on Router Operations, ART Path Software, and Auto-Carve 3D designed specifically for all levels of experience — from beginner to advanced.



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