

 **GERBER TECHNOLOGY**

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GERBER
PARAGON

Simple by Design



 **GERBER TECHNOLOGY**

PARAGON Cutting System

250 million. That's the number of hours Gerber's cutters have been producing parts since the company invented automated cutting decades ago.

Building on nearly 50 years of cutting experience, Gerber dedicated 70,000 hours of the most experienced engineering minds in the business to bring you the most advanced cutting system in the world – PARAGON.

When we set out to create PARAGON, we spoke to hundreds of business owners like you around the world. You told us you needed a cutting system that was easy to use, easy to maintain and capable of producing the highest quality cut parts the first time around. And that's what PARAGON delivers!

But we didn't stop there, we generate business-critical metrics from the system to give operators and cutting room managers the information they need to analyze and continually improve their operations.

With PARAGON, you don't just cut better, every aspect of your business moves to an entirely new level.



Imagine

Producing highest quality cut parts at maximum throughput after just a few hours of training.

Operating a highly-advanced, easy-to-use interface that simplifies cutting, maximizes uptime and ensures flawlessly cut parts every time.

Knowing how many parts were cut per shift, per day, and understanding where process improvements can be made.

Staying ahead of your competition, exceeding your customers' expectations, and improving the profitability of your business.

Exceptional Return on Investment

When higher quality and more cut parts can be achieved with reduced labor and material costs, you get more than just a solid return on your investment. Your current customers will value your increased capabilities and new customers will be eager to partner with an advanced cutting room operation. PARAGON gives you that distinction. It's so advanced it will put you years ahead of the competition – just where you want your business to be.

PARAGON CUTTING SYSTEM WHAT YOU NEED TO SUCCEED

EASE OF USE

You won't find a cutter that's easier to use. With PARAGON, operators don't require prior cutting experience. The interface systematically guides you through each step of the process and then assists with any issues along the way.

MAXIMUM THROUGHPUT

Quick, accurate set-up and self-adjusting cutting intelligence allow operators to start cutting faster and with greater efficiency. Better productivity and workflow increase your output of cut parts and shorten lead times.

OPTIMAL FIRST-RUN YIELD

PARAGON is intelligent enough to understand that there's a fine balance between cut speed and part quality. It analyzes the requirements of each job and tailors parameters to maximize speed and optimize quality – delivering cut parts that are perfect the first time.

UPTIME

Reliability is built into every PARAGON cutter. Its simplified design along with new technologies such as brushless motors, distributed controls and extended-life sharpening stones deliver the highest possible uptime of any cutting system.

METRICS THAT MATTER

Workflow issues that were once difficult and time consuming to analyze are now captured with a single click, giving managers access to critical data that helps them eliminate inefficiency in the cutting process.

GERBER
PARAGON

Advanced Technology. Easy to Use.



PARAGON automates material cutting with breakthrough easy-to-use technology that delivers value far beyond its best-in-class speed and precision.

INTUITIVE SOFTWARE

Guides operators through the cutting process and automatically adjusts parameters according to specific job types and materials

POWERFUL ONE-CLICK REPORTS

Give operators and managers critical data to analyze and improve cutting operations

INTEGRATED DATA SHARING

Between CAD, spreading and cutting systems accelerates productivity and eliminates costly human error

EVER SHARP™ SYSTEM INNOVATION

Includes quick-change sharpening stones that last up to three times longer than traditional sharpening methods

STATE-OF-THE-ART CONTROL TECHNOLOGY

Facilitates future enhancements that enable the system to grow along with your business

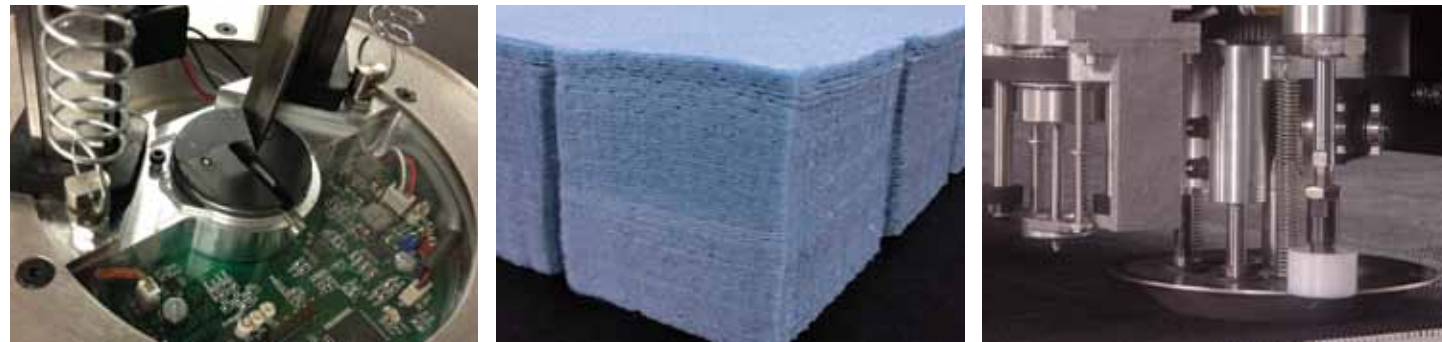
ADVANCED CUTTING HEAD

Senses knife temperature, speed and position, adjusting automatically to ensure parts are cut precisely as conditions change

"We've engineered decades of cutting knowledge and experience into PARAGON. With intelligent sensing technologies, the system can monitor and self adjust automatically or can guide the operator to corrective action, all to maximize accuracy and throughput."

Bruce Plumley, Executive Director of Engineering, Gerber Technology

Intelligent Engineering



Ever Sharp™

With traditional sharpening systems, replacing the sharpening stones can be time consuming and may not be done as often as necessary. PARAGON'S new, patent-pending knife sharpening stones are designed for longer life and change out in seconds.

Temperature Control

Sensors detect knife temperature and adjust cutting parameters accordingly to eliminate common issues like fusing between plies.

Sensors

- Sensors constantly detect the leading edge of the knife, ensuring extremely accurate cutting and notching, even after multiple sharpenings.
- Sensor and analytics technology computes the optimal vacuum level for any material, removing operator guesswork and maximizing run-time savings.

Energy Smart

PARAGON saves energy when compared to standard automated cutters:

- Standard variable frequency drives and smaller, high-efficiency motors optimize vacuum performance, reducing energy costs by up to 20%.
- High efficiency IE3 motors are years ahead of mandatory standards and save an additional 2-5% on electricity costs, in addition to the efficiency gained with brushless motors.

Quiet Operation

PARAGON is so quiet, workers are able to carry on a normal conversation beside the system while it is cutting.

Intuitive Interface

At the heart of the PARAGON system is KERI®, Gerber's Knowledge, Experience & Reference Interface. KERI is intuitive, easy to use and requires just a few hours of training – not only do you get better performance, you get it right away.



KERI® – Your Virtual Cutting Assistant

KERI guides operators through the cutting process. The operator simply chooses the job and material and KERI does the rest.

To assure cut quality, KERI can make automatic adjustments to accommodate notch shape and depth, minimize fusing between parts, and eliminate overcuts or undercuts in part perimeter. Your operator will feel at ease even when cutting a variety of materials because the system constantly senses and monitors cut quality. KERI knows what to do in every situation so there's no need for the operator to modify settings using trial and error.

Integrated Control

Management Insight

Workflow issues are not always easy to detect and correct. PARAGON helps managers identify ways to streamline workflow processes by providing easy-to-understand metrics that matter. Get single click reports detailing PARAGON's total cutting time vs. idle time, time between jobs, total units cut and more.

Operator Feedback

Operators need to track the details of each cut job, including number of parts cut and cut time per job. With PARAGON, these metrics are available in an instant.



Gerber Service and Support



Around the World. Around the Corner.

Gerber stands behind its cutting systems not only during the first year after installation, but for the lifetime of the cutter. Gerber Service maximizes your investment through a global network of highly skilled technical support and applications professionals, remote diagnostics capabilities and the highest quality consumables and replacement parts.

Wherever you are in the world, Gerber Service is there to keep your business thriving in today's competitive environment.

Fully Integrated Real-Time Support

GERBERconnect™ is a proactive support package that maximizes the uptime and productivity of your Gerber system. GERBERconnect enables certified Gerber Service professionals to analyze and diagnose your system in real time via a secure internet connection so you enjoy fast, effective support remotely.

