

THE ULTIMATE CUTTING SYSTEM  
TO OPTIMIZE YOUR WORKFLOW.

GERBER Z1 CUTTER  
LECTRA®

MORE FLEXIBLE.  
MORE PRODUCTIVE.  
MORE COST-EFFECTIVE.  
MORE PROFITABILITY.

Choice of standard 3-tool or optional state-of-the-art powered reciprocating Pivex® cutting heads

Touch screen adds increased control.



Gerber Technology has spent the last 50 years working side-by-side with companies all around the world to develop revolutionary new ways to bring their products to market. With Gerber's innovative GERBERcutter® Z1, you now have an automated cutting system capable of maximizing your productivity and profitability, reducing work in process, shortening lead times and ensuring precisely cut parts.

# Z1 CUTTER

## EXPAND YOUR OPTIONS.

GERBERcutter Z1 is the next generation computer-controlled, automated cutting system and the optimal solution for single-ply cutting of a wide range of apparel fabrics.

Modular vision systems for printed apparel or stripe and plaid matching applications.

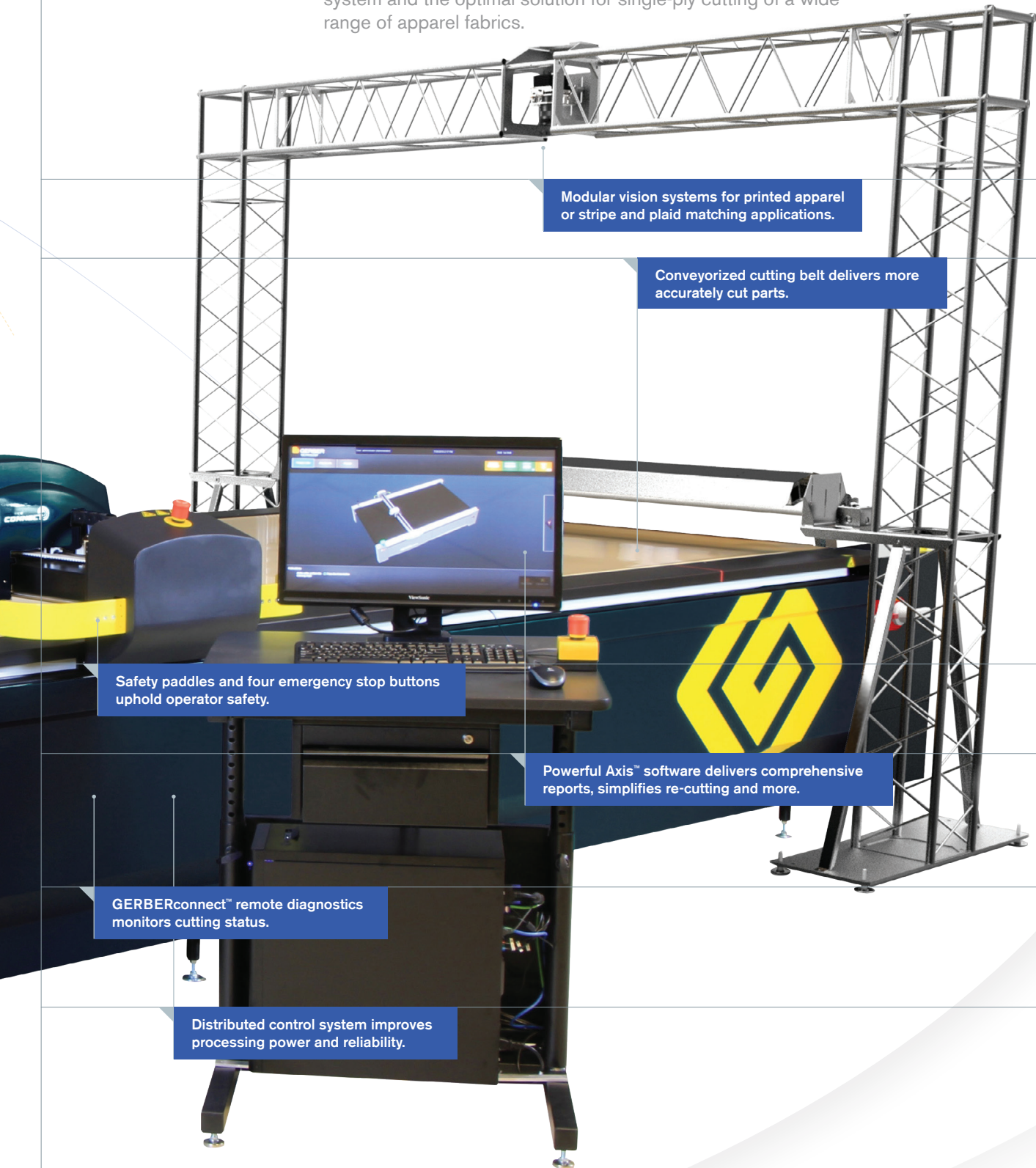
Conveyorized cutting belt delivers more accurately cut parts.

Safety paddles and four emergency stop buttons uphold operator safety.

Powerful Axis™ software delivers comprehensive reports, simplifies re-cutting and more.

GERBERconnect™ remote diagnostics monitors cutting status.

Distributed control system improves processing power and reliability.





# INCREASED PRODUCTION AND PRODUCTIVITY IN A SINGLE SYSTEM.

## *SIMPLIFIED EXPANDABILITY*

The GERBERcutter Z1 is built upon a new distributed control system, the foundation upon which many powerful options like part identification, scan-to-cut, and stripe or plaid matching can be added. By distributing the intelligence away from the main controller, the system is more modular and flexible, installation is simplified, processing power is significantly improved and the system is more reliable.

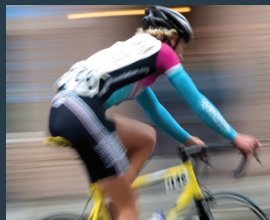
Define cutting parameters such as tool pressure, vacuum levels and cutting speed on the cutter's portable workstation and easily adjust them using the touch screen directly at the cutter.

## *VISION ENABLED*

The GERBERcutter Z1's simplified expandability allows for the integration of state-of-the-art vision technologies that empower automation and create a new level of efficiency in mass customization workflows.

The AutoMatch™ system for apparel seamlessly integrates into the Z1 to provide manufacturers an automated stripe and plaid matching solution that aligns patterns across cut parts with unsurpassed accuracy. Unlike other solutions that rely on the operator to manually make these adjustments, our AutoMatch system uses vision technology to make the adjustments to bows, skews, and repeat variations automatically, improving throughput up to 75%.

The ContourVision™ system for Z1 is a scan-to-cut system that allows printed fabric and other textiles with high areas of color contrast to be cut with an automatically generated cut file. This means customized jobs can be processed in just seconds with virtually no human intervention.



## *CUSTOMIZABLE*

The GERBERcutter Z1 operates according to your workflow. Powerful onboard tools, like the ability to save optimum settings for specific materials, or the option to cut materials in sections or continuously, give you the flexibility to maximize productivity.

An optional workstation enables the operator to identify cut parts quickly, streamlining the bundling process. On the workstation's touch screen, users can also select parts that require recutting, automatically re-nest them and quickly re-cut them.

The system is available with either a 3-tool cutting head or a reciprocating Pivex cutting head depending on your cut application needs. The 3-tool head includes three cutting tools to minimize tool changes, and a pen for annotation. Choose from a wheel cutter, drag blade and a variety of notch and punch tools to best suit your cutting application.

The Pivex cutting head includes a blade that reciprocates through the material to provide accurate cutting of small parts, difficult fabrics and to reduce or eliminate uncut fabric threads.

## *ENERGY EFFICIENT*

Because the GERBERcutter Z1 is designed for maximum efficiency, it's equipped with an intelligent variable vacuum regulator. Simply input the optimum vacuum levels to cut and convey your materials. The system regulates vacuum levels according to the task at hand – even minimizing vacuum when the cutter is idle to conserve electricity.

## *SAFE*

The GERBERcutter Z1 is equipped with emergency stop buttons in multiple locations and safety paddles that immediately halt the cutting beam if it comes into contact with an operator.

The system is UL listed and complies with CE safety standards.

OUR INTELLIGENT SOFTWARE GIVES YOU  
THE POWER OF SPEED AND INFORMATION.

The GERBERcutter Z1 was designed and manufactured to be the ultimate cutting solution. But it takes a little something special on the inside to live up to such high expectations—that's why the heart of this cutting edge machine is the state-of-the-art Axis software. Axis is an easy-to-use Windows®-based system that delivers significant productivity enhancements to simplify processes and boost precision.

HERE'S HOW IT WORKS...



**A SIMPLE INTERFACE  
INCREASES PRODUCTIVITY**

A new operator interface makes the workflow more intuitive even for a novice user, improving productivity while reducing errors and training time.



**GET DETAILED  
INFORMATION QUICKLY**

Axis can compile comprehensive reports that help you take control of your business. Analyze system throughput, material yield, processing times, individual job statistics and more. Discover opportunities to make cutter operators more efficient and to optimize your cutting process.



**BE READY FOR A  
WHOLE DAY'S WORK**

Job queue enables simultaneous loading of all jobs to be cut during an entire shift or day's work.



### PICK UP WHERE YOU LEFT OFF

Job recovery functionality helps you resume the cutting process at the precise point the job was interrupted due to a power outage, for example.



### LET IT HANDLE THE SIMPLE STUFF

Wizards automate repetitive processes and accelerate preparation of the cut job.



### OPTIMIZE OUTPUT

Users are able to monitor and electronically regulate the pressure of the knife to optimize the accuracy of cut parts.

## GERBER CONNECT

### REMOTE DIAGNOSTICS

The GERBERcutter Z1 is equipped with GERBERconnect remote diagnostics. In addition to automatically detecting your cutter's status, GERBERconnect enables Gerber service professionals to analyze your system via a secure Internet connection and to take steps to ensure it's always in optimum working condition.



### SERVICE AND SUPPORT YOU CAN TRUST

With reliable service from Gerber Technology, you'll protect your investment. Gerber Technology has a global network of highly-skilled applications and technical support specialists. And we offer the highest quality consumables and aftermarket products available.



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### **ABOUT GERBER TECHNOLOGY, A LECTRA COMPANY**

In June 2021, Lectra acquired Gerber Technology, a USA-based company founded in 1968. Like Lectra, Gerber Technology develops software and automation solutions for fashion, automotive, furniture and other businesses across the globe.

For companies that breathe life into our wardrobes, car interiors, furniture and more, Lectra crafts the premium technologies that facilitate the digital transformation of their industry. Lectra's offer empowers brands, manufacturers and retailers from design to production, providing them with the market respect and peace of mind they deserve. Founded in 1973, the company reported revenues of 236 million euros in 2020 and is listed on Euronext (LSS).

By uniting, Lectra and Gerber Technology will become the ultimate Industry 4.0 partner for their customers.

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