

An Intuitive, Easy-to-Use Cutter Designed to Maximize Your Productivity



GERBERCUTTER® Z1 IS THE NEXT GENERATION COMPUTER-CONTROLLED, AUTOMATED CUTTING SYSTEM AND THE OPTIMAL SOLUTION FOR SINGLE- AND LOW-PLY CUTTING OF A WIDE RANGE OF CHALLENGING COMPOSITE MATERIALS, FABRIC AND TECHNICAL TEXTILES.

RELY ON IT TO MAXIMIZE YOUR PRODUCTIVITY AND PROFITABILITY, REDUCE WORK IN PROCESS, SHORTEN LEAD TIMES AND ENSURE PRECISELY CUT PARTS.



Optional AutoMatch™ pattern matching system.

Superb cut part accuracy.

- When you determine the optimum settings for your specific materials, save them to re-use time after time.
- 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.
- With electronic pressure regulation, users are able to monitor and electronically regulate the pressure of the knife to optimize the accuracy of cut parts.

Options that improve workflow productivity.

Inkjet-Printed Part Identification Systems

- Enable accurate identification of cut parts and composite plies by printing alphanumeric text and barcodes on a variety of materials.
- Eliminate workflow bottlenecks caused by traditional pen-plotted part annotation and maximize the productivity of your GERBERcutter Z1.

ContourVision™ Scan-To-Cut System

- Enables manufacturers to cut directly from custom printed textile rolls by scanning and automatically generating cut files.

Part Identification and Re-Cutting Station

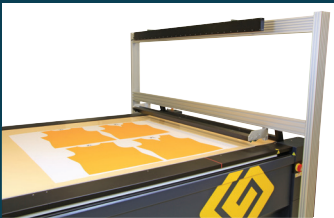
- Enables the operator to identify cut parts quickly, streamlining the kitting and bundling process.
- Users can also select parts that require re-cutting, automatically re-nest them and quickly re-cut them.

AutoMatch Pattern Matching System

- Automatically aligns patterns across cut parts on striped, plaid, and 5-star fabrics.
- Uses state-of-the-art vision technology and advanced algorithms to make adjustments to bows, skews, and repeat variations automatically, radically improving throughput up to 75%.



Optional inkjet part identification system.



Optional ContourVision scan-to-cut system.



Optional part identification workstation to accelerate kitting and bundling.

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Comprehensive reports.

- Analyze system throughput, material yield, processing times, individual job statistics and more.
- Find opportunities to make cutter operators more efficient and to optimize your cutting process.
- Job queue enables simultaneous loading of all jobs to be cut during an entire shift or day's work.
- Wizards automate repetitive processes and accelerate preparation of the cut job.

Energy efficient.

- Equipped with an intelligent variable vacuum regulator.
- Input optimum vacuum levels to cut and convey your materials. The system regulates vacuum levels, minimizing vacuum when the cutter is idle to conserve electricity.

Customizable.

- Choose to cut materials either in sections or continuously to maximize your workflow and your productivity.
- Available in 3 sizes, 1.8, 2.54 and 3.4 meters, to excel in producing a wide range of high-quality output.
- The cutting head accommodates three tools at one time (wheel cutter, drag blade, notch and punch tools) to minimize tool changes and a pen for annotation. Quickly set the cutting origin using the system's laser pointer.



Equipped with remote diagnostics.

- GERBERconnect™ remote diagnostics 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.