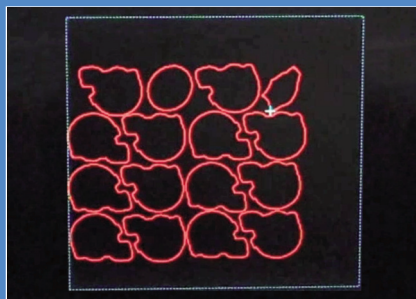


With ContourVision automated scan-to-cut system, manufacturers can scan custom printed textiles, automatically generate cut files and cut directly from textile rolls at speeds up to 1.1 meters per second.



High speed scanning



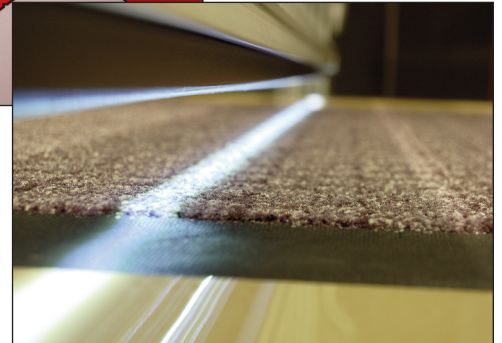
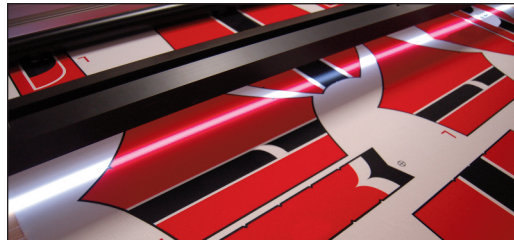
Automatically generated cut files



Automated cutting

ContourVision™

Automated Scan-to-Cut System



The ContourVision system is an option on GERBERcutter® Z1 conveyORIZED cutting systems. It is comprised of intelligent software, a color scanner and a LED (light-emitting diode) bar. The scanning/cutting surface is available in 1.8 meter (6 ft.) or 2.5 meter (8 ft.) widths and lengths of either 1.8 meters (6 ft.) or 3 meters (10 ft.).

Improve productivity.

The scanner captures an image of the custom-printed pattern/image and sends it directly to the ContourVision software. Image processing is extremely fast and cutting begins immediately with no need to create time-consuming cut files.

Reduce labor and material costs.

By automating the cutting process and eliminating the need for cut files, the system enables you to reduce labor costs.

The ContourVision system is highly accurate so material is never wasted. It calibrates automatically to compensate for misaligned patterns and bow/skew in the material. It captures all patterns provided the scanner is able to detect a contrast between the edge of the pattern and the material being cut.

The user can easily add negative or positive offsets to the detected border. The software also detects notches automatically. For example, it will automatically detect a v-notch and will add the notch to the cut.

Accommodates many materials and applications.

The ContourVision system is also ideal for pattern detection applications like floor or bathroom mats as well as countless other applications.

ContourVision

Technical Specifications

Characteristics

Cutting Speed (maximum)		
Z1-1.8 Standard Cut Window	1,1 m / second	45 in / second
Z1-1.8 Long Cut Window	1,1 m / second	45 in / second
Z1-2.54	1,1 m / second	45 in / second
Head Acceleration (maximum)		
Z1-1.8 Standard Cut Window	15 m / second ²	1.5 G
Z1-1.8 Long Cut Window	15 m / second ²	1.5 G
Z1-2.54	10 m / second ²	1 G
Table Height	0,80 - 0,96 m	31.3 - 38 in
Cutting Area		
Z1-1.8 Standard Cut Window	1,81 x 1,82 m	71.4 x 71.5 in
Z1-1.8 Long Cut Window	1,81 x 3,04 m	71.4 x 120 in
Z1-2.54	2,54 x 3,04 m	100 x 120 in

Electrical Requirements

Control and Drive System	3-wire, 200V-240V, Single Phase, 50/60 Hz, 15 Amp
Table Vacuum	220VAC (200V – 240V) 3 Phase 50/60hz 60 AMP 380-480VAC 3 Phase 50/60hz 30 AMP
Compressed Air	14 liters/min @ 5,5 - 8,2 bar 0.5 SCFM @ 80-120 PSI

Operating Environment

Temperature (maximum)	43°C	110°F
Humidity (maximum)	95% (non-condensing)	



NOTE: Configurations vary according to options selected.
Specifications are subject to change without notice.

ContourVision™ and Z1™ are trademarks of Gerber Technology.
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GERBER Technology products are patent protected.

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