GERBER
DCS 1500 CUTTER

Reach your **optimum.**

Get the most from your cutting system

THE GERBERCUTTER® DCS 1500 IS A COMPACT, HIGH-SPEED, SINGLE- OR LOW-PLY, STATIC TABLE CUTTING SYSTEM, DESIGNED TO CUT A WIDE VARIETY OF MATERIALS. THE SYSTEM IS MOST SUITED TO CUTTING SAMPLES, PROTOTYPES, OR SHORT PRODUCTION RUNS. ITS CUTTING ACCURACY IS MEASURED IN MILLIMETERS AND IT CUTS AT SPEEDS UP TO 1.1 METERS PER SECOND (45 INCHES PER SECOND).

Get accurately cut parts every time.

- The DCS 1500 employs a powerful vacuum system to hold material firmly in place during cutting to ensure quality cut parts.

- Adjust pressure on the cutting tools to cut a wide variety of materials with precision.

- The cutting head is designed to accommodate three tools simultaneously to minimize tool changes. Choose from multiple types of straight knives, wheel knives, notching tools and punches. Includes a pen for annotation. Disposable blades are inexpensive and easy to change.

Easy to use.

- Because the DCS 1500 is highly intuitive, migration from manual cutting is easy. It is typically installed in one day.

- Windows®-based software employs a graphical user interface to simplify operator training and daily use. Includes wizards to automate repetitive processes and speed preparation of the cutting job.

- Easily stores cutting setup files for quick retrieval to accelerate future cut jobs.

- The DCS 1500 is network-compatible for easy transfer of data from a wide variety of CAD systems.
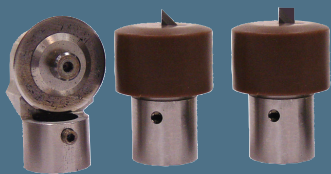
Realize a fast return on your investment.

- Automatic end cutting eliminates material waste by cutting precisely at the end of each marker.

- Single-ply cutting enables you to cut to order. Reduce work in process, lead times and work planning.

- The optional Toolpath module in CutWorks® software optimizes cut times by sequencing parts (and internal cuts) in the most efficient order for cutting. Automatically removes common lines between parts to achieve zero buffer cutting.

- No paper underlay or plastic overlay required for most materials.

- The DCS 1500's small footprint minimizes floor space requirements.
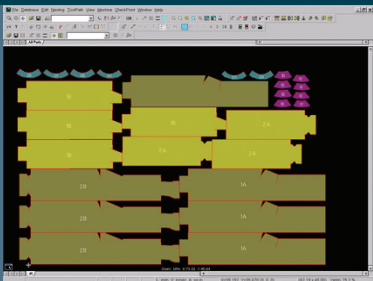
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DCS 1500 *CUTTER*

The easy-to-use keypad controls many machine functions at the cutter.

Use up to three cutting tools and a pen on the head assembly for maximum flexibility.

CutWorks software offers a complete design, nesting and cutting solution.

Gerber Technology
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Tolland, CT 06084 USA

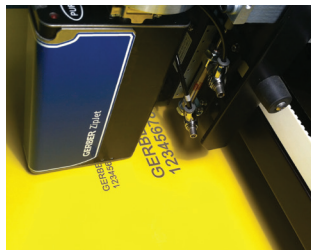**TOLL FREE** (USA)
800.826.3243

TELEPHONE (International)
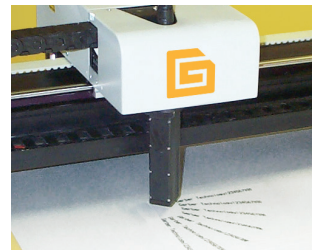+1.860.871.8082

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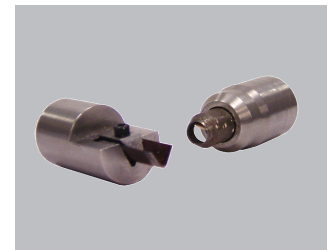
Available Options & Services

- Complete service and parts supply packages
- Training for operators, technicians and applications personnel is available
- Porous or drilled plastic cutting surface
- Large wheel package with 44.5 mm (1.75") diameter wheel to cut lofty materials
- Nesting Video Projector: Project parts onto material to enable manual adjustments

ZipJet™, inkjet part identification system

InfoJet™ inkjet labeling system offers fast, accurate identification of cut parts with visible and UV inks

V-notch and punch tools are available for additional cutting capability

Technical Specifications

Characteristics		
Fabric Height	Single Ply	
Cutting Speed (maximum)	1,1 m/second	45 in./second
Machine Dimensions	2,44 x 2,03 m 2,44 x 2,36 m	96 x 80 in. 96 x 93 in.
Cutting Area	1,52 x 1,47 m 1,52 x 1,80 m	60 x 57.77 in. 60 x 70.77 in.
Table heights	0,84 or 0,86 m	33 or 34 in.
Electrical Requirements		
Control and Drive System	110V @ 20 amps or 220V @ 10 amps, single phase	
Table Vacuum	Single phase 220V 50Hz 16A rated/112A start up	
	Single phase 115V 60Hz 29A rated/172A start up	
	Single phase 208/230V 60Hz - 15A rated/95-86A start up	
Compressed Air	5,5 - 8,3 bar @ 14 liters/min (80 - 120 PSI @ 0.5 SCFM)	
Operating Environment		
Temperature (maximum)	43°C	110°F
Humidity (maximum)	95% (non-condensing)	
Vacuum System	760 m above sea level	2,500 ft. above sea level

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

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