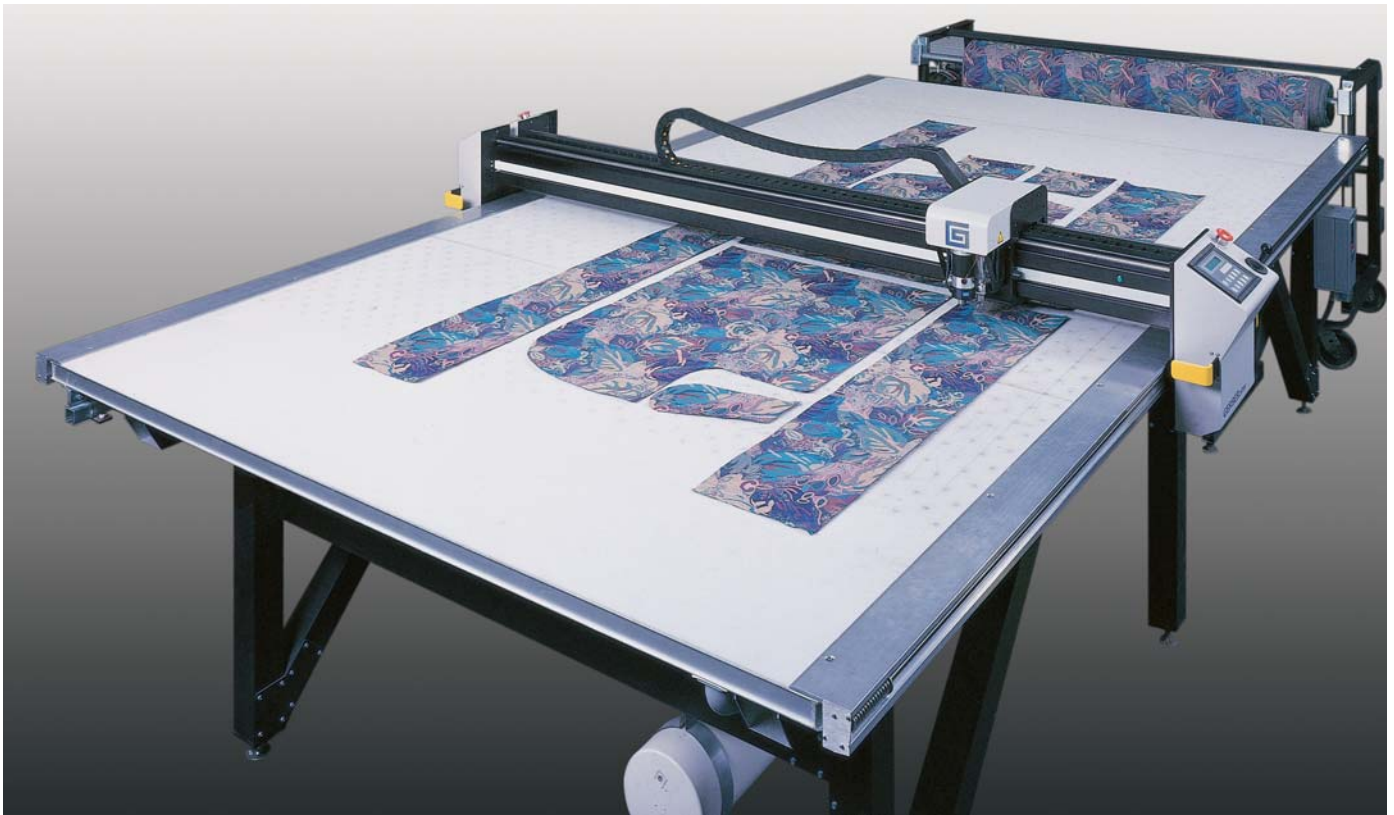


DCS 2500

Static Cutting System



The economical solution to accurate, fast, low-ply cutting

The DCS 2500 GERBERcutter system is a high-speed, single- or low-ply, static table cutting system, designed to cut a wide variety of materials and fabrics. Cutting accuracy is to within thousandths of an inch, at speeds up to 1.1 m/sec. (45 in./sec.). The DCS 2500 easily cuts cloth, composites, leather, industrial fabrics, and most other rolled goods for use in apparel, furniture, automotive, aerospace, and other industries.

Several standard cutting bed lengths, widths, heights, and configurations are available to suit

your needs. Split table operation affords tremendous versatility in the cutting room. It allows you to spread from both ends of the table, and cut on one half of the table while parts are removed from the other half. Different fabrics, patterns, and colors can be cut on each side.

Multiple tool mounts, capable of utilizing three tools and a pen at once, provide increased flexibility and no lost time during tool changes. Multiple stations can be used on the cutting table so that a different operation can be performed at each station.

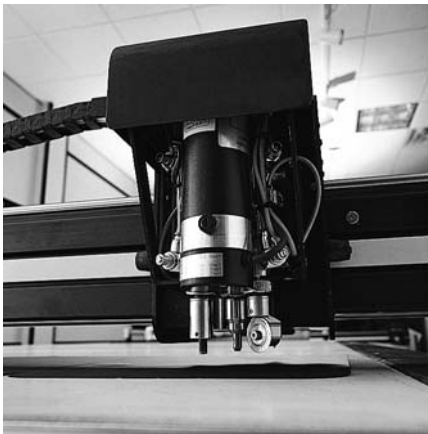
The DCS 2500 offers reliable, accurate, consistent cutting at an affordable price. The system is compatible with AccuMark™ and most other CAD and apparel software. Driven by a Windows®-based operating module, the plotter/cutter uses standard hardware and software interfaces, making it easy to integrate the DCS with your existing computer system and parts file library.

DCS 2500

Product Specifications

Features

- Windows-based operating system
- Multiple tool mounts for up to three tools and a pen at once, including straight knife, wheel blade, pounce (perforating) wheel, drill punch, or notching tools
- Disposable blades are inexpensive and easily changed.
- Pen for plotting and annotation. Standard pen mount accepts a wide variety of pens.
- Pneumatic system permits adjustment of pen and cutter down force.
- Split table operation for different applications on either side of table
- Cutting table is self-contained with a vacuum system that includes a porous table surface, for maximum fabric hold-down capability.
- Cut data can be stored with files for subsequent use.
- Automatic preprocessing includes all program editing functions, including toolpath optimization.



Overall Dimensions

Lengths:

3.7, 7.3, 11, 14.6, 18.3, 22, 25.6, 29.3, 32.9, or 36.6 m
(12, 24, 36, 48, 60, 72, 96, 108, or 120 ft.)

Widths:

1.47, 2.4, 3, 3.6, 4.2, or 4.8 m
(58, 93, 117, 141, 165, or 189 in.)

Cutting Area

Lengths:

2.7, 6.4, 10, 13.7, 17.4, 21, 24.7, 28.3, 32 or 35.6m
(9, 21, 33, 45, 57, 69, 81, 93, 105 or 117 ft.)

Widths:

0.91, 1.8, 2.4, 3, 3.7, or 4.3 m
(36, 72, 96, 120, 144 or 168 in.)

Table Height

0.8 or 0.9 m (31.5 or 36 in.)

Maximum Cutting/Plotting Speed

1.1 m/sec. (45 ips)

Acceleration

0.5 g (200 ips²)

Computer

Pentium® processor

Software Features

- CutWorks 5.0

Options

- InfoMark Label System
- InfoJet Inkjet System

Digitizing

Digitize your existing patterns and markers with joystick and keypad.

Keypad

The keypad can control many local machine functions at the table.

Drive System

Rack and pinion/belt drive hybrid

Electrical Requirements

Vacuum blower:

220–440 VAC, 10–32 amps, single and three phase

Drive system:

110 VAC at 20 amps or 220 VAC at 10 amps

Compressed Air Requirements

80–120 psi at 0.5 scfm

Operating Environment

Maximum temperature: 43°C (110°F)

Maximum humidity: 95% (non-condensing)

Standard vacuum system to 760 m (2,500

feet) above sea level (optional vacuum

control available for higher altitudes)

NOTE: Configurations vary according to options selected by customers.

Specifications are subject to change without notice.

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Pentium® is a registered trademark of Intel Corporation.

Windows® is a registered trademark of Microsoft Corporation.



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