

The GERBER EDGE® Production System At-A-Glance

What: A comprehensive, state-of-the-art thermal transfer graphics production system that includes the world-renowned GERBER EDGE digital color imaging system, GRAPHIX ADVANTAGE® PREMIER™ design software, sophisticated Gerber vinyl-cutting plotters, the Edge Ready™ family of advanced printing materials, and the advanced color capabilities of GerberColor™ foil cartridges, GerberColor Spectratone™ color assignments and PANTONE®-calibrated color simulations to create outdoor durable graphics.

Who: Designed for sign makers, screen printers and other graphics professionals seeking to produce indoor and outdoor highly-customized, highly-profitable short run graphics quickly.

How: Utilizes the power of GRAPHIX ADVANTAGE and numerous incremental firmware and design innovations to facilitate ease of use and image consistency. Key among these innovations are:

- **SmoothPlane™ print head technology** – for superior panel color alignment.
- **EvenGlide™ clutches** – to reduce banding in halftones.
- **Advanced user interface controlware** – for even easier operation.

Here's how this technology works:

1. A job is created using the GRAPHIX ADVANTAGE, Gerber's leading edge, Microsoft® Windows®-based design and production system.
2. Once designed, the job is electronically sent to the GERBER EDGE for printing. The GERBER EDGE prints outdoor durable continuous-length spot and process colors onto adhesive-backed vinyls and a wide variety of Edge Ready materials, including:

- Gerber ImageCal™ “P” Permanent Clear Vinyl
- Gerber ImageCal “R” Removable Clear Vinyl
- Gerber ImageCast™ Clear Vinyl
- 3M FloorMinders™ from Gerber
- Gerber InstaChange™ Removable Film
- Gerber Vision™ Window Film
- Gerber Security Label Stock
- Gerber PlastiGraphix™ PVC-10 Direct-print Substrate
- 3M Deluxe Silver Series 210 Film

- 3M Label Material 7777
- Gerber Holographix™ Prismatic Vinyl
- EDGE Positive™ Screen Print Positive Material
- 3M™ Scotchcal™ Series 220
- 3M Scotchcal Series 225
- 3M Scotchlite™ Series 280 Reflective
- 3M Scotchlite Series 280i White Reflective
- 3M Scotchcal Series 230 Translucent
- 3M Scotchcal Series 210 Fluorescents
- 3M Controltac™ Series 180
- GerberCal® Gloss and Matte
- Static Cling Clear and White
- GerberMag™
- Heat Transfer Paper and L.T. Series Foils
- LexEdge™ II 10 mil polycarbonate with velvet and polished finishes
- Gerber Label Stock (1 & 2 mil)
- Gerber AutoMag™ Vehicle Grade Magnetic
- 3M Panaflex™ 645 – Sign Face Substrate

Color separation and ripping is automatically performed by GRAPHIX ADVANTAGE, and color registration is automatic -- courtesy of the GERBER EDGE. For each color printed, the GERBER EDGE rewinds to the start of the job, and even prompts the user to load the proper color.

Repeats are fast and easy. The GERBER EDGE prints at the same speed, regardless of image complexity.

3. Once all colors are printed on the appropriate Edge Ready material, the material is then removed from the GERBER EDGE and re-positioned in any Gerber 15-inch GERBER EDGE-compatible plotter. Depending on the desired final product, the user can cut simple contours around the printing, or cut every piece of a job.

4. The result? Indoor/outdoor durable, custom-cut graphics.

Why:

Consider these key benefits:

- Outdoor-durable graphics with no lamination.
- Drastically-reduced cutting, weeding and production times.
- Quick, easy creation of beautiful fades, outlines, shadows and other special effects.
 - Large, medium and small graphics -- all from the same system.
 - Perfect for signs, exhibits, vehicle graphics, decals, window graphics, point-of-purchase, ad specialty items, manufacturing prototypes, retail, etc.
 - The shorter the decal run, the higher the value -- and the greater the profit.
 - Shorter turn around time.
 - Every piece of a job can be customized, allowing for sequential and serial numbering, bar codes and more.

Other

Benefits: Ever-expanding color line, including 40 spot colors, 11 transparent colors for backlit and reflective applications, two shiny medal colors, and seven heat transfer colors. Plus all the flexibility of process color and GerberColor Spectratone. The latter is a powerful tool that combines any two GerberColor foils to create a range of delicate pastels, vivid reds, dynamic blues and many other colors in 100 percent solid fills.

Color simulations of solid PANTONE* Colors can be created with the GERBER EDGE and Gerber's Matched Technology System™ (MTS™).

Depending on the job, the entire GERBER EDGE production process (printing and cutting) can take as little as a minute or two -- making it simple and profitable to create multiple-color runs of only one copy.

Produced

By: Gerber Scientific Products Inc. -- the industry leader in the development and manufacture of automated sign making and graphics systems, materials and accessories worldwide.

Based in Manchester, Conn., the company operates as a wholly owned subsidiary of Gerber Scientific Inc., an international manufacturer of advanced automation systems for the sign making, screen printing, graphic arts, commercial printing, electronics fabrication, apparel and sewn goods, optical, automotive and aerospace industries. Gerber Scientific Inc. is an NYSE-listed company headquartered in South Windsor, Conn.

###

GERBER EDGE, GRAPHIX ADVANTAGE and GerberCal are registered trademarks of Gerber Scientific Products. Edge Ready, Gerber Vision, Gerber Holographix, EDGE Positive, GerberMag, LexEdge, Gerber AutoMag, GerberColor Spectratone, ImageCal, ImageCast, PlastiGraphix, SmoothPlane, EvenGlide, Matched Technology System and MTS are all trademarks of Gerber Scientific Products.

PANTONE is a registered trademark of Pantone, Inc.

Microsoft and Windows are registered trademarks of Microsoft Corp.

3M, Scotchcal, Scotchlite, FloorMinders, Panaflex and Controltac are trademarks of 3M Corporation.

*Requires SUPER CMYK™ GerberColor foils and GRAPHIX ADVANTAGE 6.0 Revision E or later .