

The GERBER EDGE® FX Production System At-A-Glance

What: A comprehensive, state-of-the-art thermal transfer graphics production system that includes the world-renowned GERBER EDGE FX thermal transfer digital color imaging system, GERBER OMEGA™ design and output software, accurate and reliable Gerber vinyl-cutting plotters, the Edge Ready™ family of advanced printing materials, and the advanced color capabilities of spot and process GerberColor™ Foil cartridges, GerberColor Spectratone™ color assignments and OMEGA-generated simulations of PANTONE®- colors to create customized, short-run indoor and outdoor-durable graphics.

Why: **Consider these key features and benefits:**

- Outdoor-durable graphics with no lamination.
- Dozens of professional materials, and scores of true digital spot colors
- Every piece of a job can be customized, allowing for sequential and serial numbering, variable data, bar codes and more.
- Print and contour-cut signs, graphics, labels and decals
- Drastically-reduced cutting, weeding and production times as compared to traditional vinyl cutting and application. Print the complex, contour cut the outside border.
- Quick, easy creation of beautiful fades, outlines, shadows and other sign-oriented special effects.
- Large, medium and small graphics -- all from the same system. Large graphics are paneled automatically for easy application onto larger surfaces.
- Perfect for signs, exhibits, vehicle graphics, labels and 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.

Uses: Designed for small to medium format, short to medium-run signs, vehicle graphics, safety signs, screenprint emulation, kiss-cut/die-cut emulation, labels and decals (including variable data and barcodes), industrial graphics and logos, and other durable spot and process color applications that demand fast-turnaround, material flexibility, high-customization and short runs, and long-term graphic performance.

How: Here's how this technology works:

1. A job is created using the GERBER OMEGA, 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. See below for a list of GerberColor foils and Edge ready materials.
3. Color separation and ripping is automatically performed by GERBER OMEGA, 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.
4. Repeats are fast and easy. The GERBER EDGE prints at the same speed, regardless of image complexity. 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.

5. Depending on the desired final product, the user can cut simple contours around the printing, or cut every piece of a job.

The Result? Indoor/outdoor durable, custom-printed, custom-cut graphics on dozens of materials.

Here are the EDGE-Ready Materials onto which the GERBER EDGE can print:

Full Color Permanent films

- 220 High Performance cast (more than 80 colors)
- 220 Metallic (14 colors)
- 225 High Performance 19 colors
- 225 Metallic
- 280 Reflective (10 colors)
- 280i Reflective White
- 230 Translucent (50 colors)
- 210 Fluorescent
- 180 Controltac Film White

Quantum 2000 calendered

Specialty Permanent films

- 210 Fluorescent
- 250Cv2 Controltac
- FloorMindors
- GerberGlow novelty-grade glow film
- Luminous Film safety-grade glow film
- GerberVision perforated window film
- HoloGraphix (4 holographic patterns)
- ImageCal "P" (calendered clear permanent adhesive)
- ImageCast (cast clear permanent adhesive)
- PermaGrip (white film with aggressive permanent adhesive)

Removable films

- Automag II printable magnetic
- Gerbermag II printable magnetic
- Imagecal "R" removable adhesive
- Instachange removable adhesive
- Static Cling Clear and White

Semi-Rigid films

- EDGE Positive for scree print positives
- LexEdge II clear polycarbonate
- LexEdge FR65 fire resistant polycarbonate
- LexEdge Clear polycarbonate
- LexEdge Outdoor polycarbonate
- PVC-10 Shelf and Tag

Polyester Label Stocks (clear white gold silver brushed and shiny)

- 1 mil Label Stock
- 2 mil Label Stock
- Security Label Stock Silver and white
- PermaGrip Label Stock white and clear

Overlaminates

- GerberGuard
- StrikeGuard
- UVGuard

See the next page for the complete list of GerberColor Foils

GerberColor Foils as of 12-13

Process Pro™ GCP	Spot Color (Continued)	Transparent Series GCT
MAGENTA Process Pro	LIGHT PURPLE	BLUE Trans
CYAN Process Pro	LIME GREEN	BURGUNDY Trans
BLACK Process Pro	NAVY	RED Trans
Spot Colors GCS	OLYMPIC BLUE	SAPPHIRE BLUE Trans
APPLE GREEN	ORANGE	GREEN Trans
AQUA	PEACOCK BLUE	ORANGE Trans
ATOMIC RED	PINK	TOMATO RED Trans
ARCTIC WHITE	PURPLE	GOLD Trans
BEIGE	RASPBERRY	PLUM PURPLE Trans
BLACK	RUBY RED	BROWN Trans
BRICK RED	SILVER – METALLIC	YELLOW Trans
BROWN	SUNFLOWER	SPECTRATINT (Trans White)
BURGUNDY	TAN	SPECTRASHADE (Trans Grey)
CHAMP GOLD – METALLIC	TEAL	Specialty Series
COBALT BLUE	TERRA COTTA	FLOOD COAT WHITE
COPPER – METALLIC	TOMATO RED	JET BLACK
DARK GREEN	TRAFFIC GREY	SPECTRATINT (Trans White)
DARK GREY	VIOLET PURPLE	SPECTRASHADE (Trans Grey)
ELECTRIC GREEN	VIVID BLUE	
FIREBALL RED	WHITE	
FOREST GREEN	YELLOW	
GOLD – METALLIC	Finish Colors (GCF)	
GRAY	ABRASION GUARD SPF	
GREEN	MATTE CLEAR	
IMITATION GOLD – MET.	LT Series GCLT	
INTENSE BLUE	BLACK	
INTENSE RED	YELLOW	
KELLY GREEN	CYAN	
KUMQUAT	Medal Series GCM	
LEMON YELLOW	SILVER MEDAL II	
LIGHT GREY	GOLD MEDAL	
LIGHT NAVY		

**Other
Benefits:**

Ever-expanding color line, including dozens of spot colors, 11 transparent colors for backlit and reflective applications, two shiny medal 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.

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