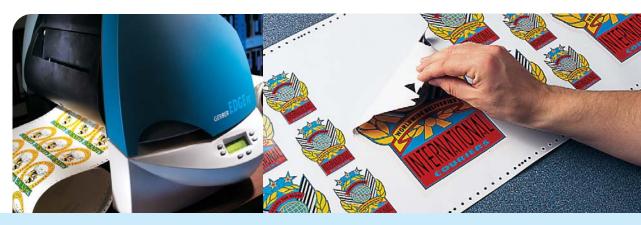# GERBER
# EDGE FX™

UNSURPASSED VERSATILITY AND PERFORMANCE

HIGHLY-PROFITABLE SHORT-RUN GRAPHICS

EXCEPTIONAL COLOR RANGE

SHOP-FRIENDLY PRINTING SOLUTION



The GERBER EDGE FX is an advanced digital printing solution that is designed for sign makers, screen printers, and other graphics professionals seeking to quickly produce indoor and outdoor highly-customized, highly-profitable short-run graphics. The EDGE FX is a thermal transfer device that uses heat and pressure to transfer resin-based pigments to over 30 different substrates. EDGE FX provides an exceptional color range with its GerberColor™ FX foil line and Spectratone™ color matching process. The foil line features GerberColor Spot, Process, Transparent, Medal, L.T. Heat Transfer, Special Effects, and Finishing Series. EDGE FX accommodates a variety of materials including cast, calendered, magnetic, reflective, metallic, polyester label stock, holographic, and much more. The EDGE FX is part of a total print-and-cut solution through the Gerber Matched Technology System™.

## STANDARD FEATURES

EDGE FX is a shop-friendly printing solution that is exceptionally easy to use. The **small system footprint** requires minimal shop space, occupying less than 6' of table space for the total print and cut setup. The efficient, environmentally-friendly thermal printing process produces instantly dry prints with no waste, odor, or harmful emissions and has no ventilation requirements.

This new generation EDGE® printer has been thoroughly transformed and optimized to provide efficient workflow and maximum productivity. The **user interface** is simple and easy to use, enabling virtually any user to quickly learn and operate the EDGE FX. Consisting of operational and setup menus, operators can quickly navigate through the intuitive job and support options. The display guides the user through the printing process to ensure error-free output. A convenient web status feature allows users to view the printer status and change settings via any network browser.

EDGE FX features a **network-friendly Ethernet connection** to maximize data throughput and

reliability. It's designed to interface with either a direct connection to the computer or with a network connection through a network hub or switch. Jobs can be sent using GERBER's OMEGA™ design and production software or third party software packages.

EDGE FX employs an **advanced foil system** that includes the new GerberColor FX foil cartridge assembly. Operators can rapidly insert and remove the assembly via a slide-in door on the side of the unit without lifting the cover. The GerberColor FX foil cartridge assembly consists of a re-useable EDGE FX foil caddy and removable foil insert. Completely re-loadable, the foil caddy can accommodate 15m, 45m, and 91m foil lengths, which enable shops to order foil amounts that best match their needs. This modular design also reduces waste and improves the cost of output.

The EDGE FX and GerberColor foil system features **intelligent RFID (radio frequency identification) technology** to accelerate production and help prevent costly errors. An RFID tag is included with each foil insert and contains color and foil ID information. An RFID reader/writer

device is integrated into the printer, which acts as a Smart GerberGauge™ by continually updating the tag with the remaining foil length. During jobs, the EDGE FX compares the foil ID and actual roll length to the job requirements and notifies the operator of any discrepancies. If the incorrect foil is loaded, the EDGE FX allows the user to replace the foil or make an on-the-fly substitution so jobs quickly continue to print with an alternate foil. In the Continuous Print Mode, the EDGE FX recognizes the foil present and begins printing immediately upon insertion, providing rapid production with minimal operator intervention.

**EDGE READY™ Materials** are the specified substrates for EDGE FX. They are processed, prepared, and qualified for optimum image quality. EDGE FX allows operators to load the material before or after the job is sent to the printer, and the user is prompted via the user interface screen. Once installed on the table roll holder, the material is loaded onto the patented sprocket roller and held in place with the bail arm. This type of sprocketed material loading system moves the material through the EDGE FX consistently, ensuring that registration is always on, and the print-to-cut accuracy is maintained.

## GERBER SCIENTIFIC PRODUCTS

*A Gerber Scientific Company*

EDGE FX is one component in **Gerber's Matched Technology System, a complete print-to-cut solution.** With the addition of a sprocketed plotter, shops now have a completely integrated system. Gerber offers a broad selection of rugged and reliable cutting plotters to meet virtually every shop requirement. After printing, operators simply load the materials into the cutting plotter, register using the tool provided, and contour cut with speed and accuracy. This print-to-cut workflow greatly reduces weeding requirements, speeds production, and improves quality and consistency.

# GERBER
# EDGE FX

## TECHNICAL INFORMATION



## SPECIFICATIONS

| | |
|---|---|
| PRINTING TECHNOLOGY | Thermal transfer, tuned, and optimized |
| PRINT RESOLUTION | 300 or 600 dpi on material axis<br>300 dpi on head axis |
| **PRINT SPEED** | |
| BASE SPEED @ 300 DPI | Up to 60" (1,524 mm) per minute per color |
| 1 COLOR | 290 ft²/hr |
| 4 COLOR | 60 ft²/hr |
| MEDIA FEED | Patented sprocket feed |
| MEDIA WIDTH | 15" punched media |
| MAX. PRINT WIDTH | 11.8" (30 cm) |
| MAX. PRINT LENGTH | Largest paneled print size limited only by computer resources and length of consumables |
| FOIL MONITORING SYSTEM | RFID |
| IMAGING FOILS | GerberColor FX foil family and caddy<br>Not compatible with ColorSet™ foils |
| MATERIALS/SUBSTRATES | EDGE READY materials consisting of cast and calendered vinyl, magnetic, reflective, temporary/changeable films, Lexan®-based films, polyester label stock, and much more |
| COLOR TYPES AND STANDARDS | Spot, Process, Transparent, Medal, L.T. Heat Transfer, Special Effects, and Finishing Series |
| | Over 3,000 OMEGA-generated GerberColor Spectratone solid colors, including OMEGA-generated simulations of solid Pantone® Colors |
| | More than 50 GerberColor spot colors |
| OUTDOOR DURABILITY | 3 to 5 years without lamination in most applications |
| CONNECTIVITY | Ethernet TCP/IP |
| PRINTER DIMENSIONS | 36" (w) x 18" (h) x 17" (d) |
| PRINTER WEIGHT | 82 lbs |
| PACKAGE DIMENSIONS | 39" (w) x 24" (h) x 20.5" (d) |
| PACKAGE WEIGHT | 110 lbs |
| POWER | 100–240 VAC +/- 10%, 47–63 Hz, 10 Amps |
| OPERATING TEMPERATURE | 50–95˚ F |
| OPERATING HUMIDITY | 20–90% relative humidity, non-condensing |
| VENTING | No ventilation required |
| SOFTWARE COMPATIBILITY | GERBER OMEGA 2.1 or later<br>Also supported by leading 3rd party software |
| APPLICABLE STANDARDS | UL, CE, CSA, FCC |
| INCLUDED ACCESSORIES | Power cable (14.5'), CAT 5 cross-over Ethernet cable, thermal print head cleaning kit, two 10 amp fuses, replacement foil squeegee, two replacement material squeegees, 3M Scotchcal™ 220 Series white film—10 yard roll, foil caddy, GerberColor FX foil insert— spot raspberry 15 meter roll, and roll holder |

## HYATT'S
### All Things Creative℠