



# Direct print thermoforming just got easy.

Produce thermoforming applications super fast and super efficient with the EFI™ H1625-SD printer and EFI SuperDraw UV Inks.



Widen your margin opportunity and shorten your time to market by printing direct to formable substrates. Introducing the digital efficiencies and near-photographic image quality of the EFI H1625-SD wide-format printer for super easy direct print thermoforming.

### At a glance

- Prints up to 65 inch (1.6 meter) widths direct to a wide range of thermoformable plastics
- Eliminates costly and time-consuming screen or hand painting processes, or pre-printing and laminating to formable plastics
- Four colors plus white standard and eight-level variable drop grayscale printing capability delivers near-photographic image quality
- Two dedicated channels of white and multi-layer printing capability for superior post-draw opacity, ideal for backlit applications
- EFI SuperDraw UV Inks offer outstanding elongation characteristics, excellent adhesion, and consistent post-draw opacity – all while withstanding forming, heating, stretching, cracking, and chipping
- Production-level printer, with productivity up to 247 ft<sup>2</sup>/hr (23 m<sup>2</sup>/hr) in single layer quality mode, allows you to take on higher-volume corrugated plastic sign jobs or deliver fast turnarounds on custom thermoforming applications
- Bidirectional communication capability between the Fiere<sup>®</sup> XF software and printer increases workflow efficiencies, job data collection, and enables seamless integration with EFI Web-to-Print and MIS/ERP solutions with native JDF connectivity
- One year Enhanced Service Program (ESP) warranty for your printer and Fiere XF software





## Super inks that stretch your imagination, capabilities, and your bottom line

Imagine all the super profitable opportunities with high-impact 3D graphics and custom thermoforming jobs. Graphics printed with EFI SuperDraw UV Inks are ideal for high-elongation thermoforming applications, such as outdoor signage, POP signs and displays, day/night backlit signs, promotional products, beverage lights and signs, vending and gaming panels, and much more.

- Super elongation characteristics, excellent adhesion, and consistent post-draw opacity for thermoforming applications on various plastics, including PETG, acrylic, polycarbonate, polystyrene, PVC, and more
- Super resistant to heat forming and stringent finishing, such as die-cutting/routing and sawing, with no chipping, cracking, or loss of adhesion
- Super improved release performance from smooth and porous mold materials as well as the forming table
- Super compatibility for printing on all brands of corrugated polypropylene with uncompromising adhesion and flexibility



### Media/Handling

- Handles flexible and rigid substrates up to 65 in (165 cm) wide and 2 in (5.08 cm) thick
- Image width 64 in (162.6 cm) full-bleed printing
- Vacuum belt drive system with variable control
- Maximum rigid and roll media weight: 100 lbs (45.4 kg)
- Maximum roll diameter: 9 in (22.9 cm)
- Modular table design for scalable rigid printing depth

### Resolutions Available

- Up to 1200 dpi with four and eight levels of grayscale

### Productivity

- Express mode (up to) 458 ft<sup>2</sup>/hr (42.3 m<sup>2</sup>/hr)
- Single layer
  - Ultra quality mode 80 ft<sup>2</sup>/hr (7.4 m<sup>2</sup>/hr)
  - High quality mode 133 ft<sup>2</sup>/hr (12.4 m<sup>2</sup>/hr)
  - Quality mode 247 ft<sup>2</sup>/hr (23 m<sup>2</sup>/hr)
- Dual layer backlit
  - Ultra quality mode 16 ft<sup>2</sup>/hr (1.5 m<sup>2</sup>/hr)
  - High quality mode 39 ft<sup>2</sup>/hr (3.7 m<sup>2</sup>/hr)
- Three layer day/night backlit
  - Ultra quality mode 11 ft<sup>2</sup>/hr (1 m<sup>2</sup>/hr)
  - High quality mode 26 ft<sup>2</sup>/hr (2.4 m<sup>2</sup>/hr)

### Formats

All popular desktop files formats, including PostScript®3™, EPS, TIFF, PDF, and RGB/CMYK

### Environmental considerations

- Temperature: 65 °F to 80 °F (18 °C to 27 °C)
- Humidity: 20% to 80% (noncondensing)
- Weight: 2,722 lbs (1,235 kg), including tables and rollers
- Dimensions (WxDxH) with one set of tables: 137 in (348 cm) x 88 in (224 cm) x 64 in (163 cm)
- Depth: 36 in (91 cm) without tables or rollers, 54 in (137 cm) with tables
- Electrical: 208-240 VAC, single phase, 50/60 Hz, 30 Amps

### Fiery XF

- Integration ready with EFI Web-to-Print and MIS/ERP solutions with native JDF connectivity
- Ships with the EFI Fiery XF RIP
- Bidirectional communication between Fiery XF and printer allows back communication of audit information on print jobs
- RIP and print on demand, or print pre-ripped files at the printer interface

### EFI SuperDraw UV Inks

- Supplied in 1.0 liter bottles
- Available in cyan, magenta, yellow, black, and white

### Enhanced Service Program (ESP)

- EFI's industry-leading service and support program for your printer and Fiery XF software
- Twelve months of Essential level coverage — 24-business-hour (3-business-day) response

## EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalized documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit [www.efi.com](http://www.efi.com) or call 650-357-3500 for more information.



Nothing herein should be construed as a warranty in addition to the express warranty statement provided with EFI products and services.

The APPS logo, AutoCal, Auto-Count, Balance, Best, the Best logo, BESTColor, BioVu, BioWare, ColorPASS, Colorproof, ColorWise, Command WorkStation, CopyNet, Cretachrom, Cretaprint, the Cretaprint logo, Cretaprinter, Cretaroller, DockNet, Digital StoreFront, DirectSmile, DocBuilder, DocBuilder Pro, DocStream, DSFdesign Studio, Dynamic Wedge, EDOX, EFI, the EFI logo, Electronics For Imaging, Entrac, EPCount, EPPhoto, EPRegister, EPStatus, Estimate, ExpressPay, Fabrivu, Fast-4, Fiery, the Fiery logo, Fiery Driven, the Fiery Driven logo, Fiery JobFlow, Fiery JobMaster, Fiery Link, Fiery Prints, the Fiery Prints logo, Fiery Spark, FreeForm, Hagen, InkIntensity, Inkware, Jettrion, the Jettrion logo, LapNet, Logic, MiniNet, Monarch, MicroPress, OneFlow, Pace, PhotoXposure, Printcafe, PressVu, PrinterSite, PrintFlow, PrintMe, the PrintMe logo, PrintSmith, PrintSmith Site, PrintStream, Print to Win, Prograph, PSI, PSI Flexo, Radius, Rastek, the Rastek logo, Remoteproof, RIPChips, RIP-While-Print, Screenproof, SendMe, Sincolor, Splash, Spot-On, TrackNet, UltraPress, UltraTex, UltraVu, UV Series 50, VisualCal, VUTEk, the VUTEk logo, and WebTools are trademarks of Electronics For Imaging, Inc. and/or its wholly owned subsidiaries in the U.S. and/or certain other countries.