



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 ft²/hr (23 m²/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 Fierey® 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 Fierey 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 ft²/hr (42.3 m²/hr)
- Single layer
 - Ultra quality mode 80 ft²/hr (7.4 m²/hr)
 - High quality mode 133 ft²/hr (12.4 m²/hr)
 - Quality mode 247 ft²/hr (23 m²/hr)
- Dual layer backlit
 - Ultra quality mode 16 ft²/hr (1.5 m²/hr)
 - High quality mode 39 ft²/hr (3.7 m²/hr)
- Three layer day/night backlit
 - Ultra quality mode 11 ft²/hr (1 m²/hr)
 - High quality mode 26 ft²/hr (2.4 m²/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



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