



# 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 Fiery® 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 Fiery 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.

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