



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 1.6 metre 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 colours plus white standard and eight-level variable drop greyscale 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 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
- 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 165 cm wide and 5.08 cm thick
- Image width 162.6 cm full-bleed printing
- Vacuum belt drive system with variable control
- Maximum rigid and roll media weight: 45.4 kg
- Maximum roll diameter: 22.9 cm
- Modular table design for scalable rigid printing depth

Resolutions available

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

Productivity

- Express mode (up to) 42.3 m²/hr
- Single layer
 - Ultra quality mode 7.4 m²/hr
 - High quality mode 12.4 m²/hr
 - Quality mode 23 m²/hr
- Dual layer backlit
 - High quality mode 3.7 m²/hr
- Three layer day/night backlit
 - High quality mode 2.4 m²/hr

Formats

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

Environmental considerations

- Temperature: 18 °C to 27 °C
- Humidity: 20% to 80% (noncondensing)
- Weight: 1,235 kg, including tables and rollers
- Dimensions (WxDxH) with one set of tables: 348 cm x 224 cm x 163 cm
- Depth: 91 cm without tables or rollers, 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
- RIP and print on demand, or print pre-ripped files at the printer interface

EFI SuperDraw UV Inks

- Supplied in 1.0 litre 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 personalised 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 or call 0808 101 3484 (UK only) or +44 (0)1246 298000 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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