



# Seize the opportunity. Reap the rewards.

Expand your offering, your customer base, and your bottom line with fast-turn, high-margin, wide-format printing.



## ***Seize the high-definition imaging opportunity***

- Print 4 color plus white on an extended range of flexible and rigid substrates.
- Increase customer satisfaction with near-photographic images, saturated colors, and smooth gradations with true 8-level, variable-drop grayscale print capability.
- Offer premium-margin applications with industry-leading white ink and single-pass, multilayer printing for greater profit opportunity.

## ***Reap the rewards of UV LED***

- Print on more substrates and open doors to more applications and unique creative opportunities.
- Increase uptime and productivity while reducing maintenance with instant on/off LED lamps.
- Drive down operating costs with decreased power use, fewer consumable parts, and less waste with consistent color output and simple operation.

## ***Drive greater gross margins***

- Maximize uptime and image quality with a mid-level production printer designed for simple operation and ease of daily use.
- Profit from faster time to customer, dramatically reduced ink use, lower running costs, and high-value specialty substrates.

## Features and benefits

- Standard: CMYK plus 2 White channels
- Dynamic curing LED UV lamps
- Up to 458 ft<sup>2</sup>/hr (42.3 m<sup>2</sup>/hr)
- Up to 1200 x 600 dpi
- Up to 8 levels of variable-drop grayscale
- 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
- A choice of ink sets<sup>1</sup>:
  - EFI H1625 LED 3M™ ink for a wide range of applications, including those that need to be stretched or heated, or require the 3M™ MCS™ Warranty<sup>2</sup>
  - POP ink for rigid board printing or applications requiring less ink elongation after cure
- One-year Enhanced Service Program (ESP) warranty covers your printer and Fiery XF software
  - Twelve months of Essential level coverage — 24-business-hour (3-business-day) response

## 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

<sup>1</sup> The EFI H1625 LED 3M™ and POP inks are NOT top loadable and require a simple change-over kit to move from one ink set to the other.

<sup>2</sup> The 3M™ MCS™ Warranty backs graphics printed with 3M co-branded ink and select 3M flexible media, printed and applied according to 3M product and instruction bulletins. See [www.3Mgraphics.com/warranties](http://www.3Mgraphics.com/warranties) to register and for more details.

## Resolution

- 300 x 300 dpi, 8 levels of grayscale
- 600 x 600 dpi, 4 and 8 levels of grayscale
- 900 x 900 dpi, 4 and 8 levels of grayscale
- 1200 x 600 dpi, 8 levels of grayscale

## Productivity

- 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)
- Express Mode 458 ft<sup>2</sup>/hr (42.3 m<sup>2</sup>/hr)
- White printing, one-half CMYK speeds

## 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 26.7 °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) without tables
- Electrical: 208-240 VAC, single phase, 50/60 Hz, 30 Amps

# 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-White-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.



A stimulus package  
for ultimate growth



## The ultimate growth tool for print professionals

The EFI™ Pro 16h LED UV hybrid inkjet printer has been strategically designed with a complete stimulus package of features to assure the lowest total cost of ownership, superior image quality, and access to the widest range of substrates/applications.

The ultimate stimulus package of features:

- Hybrid inkjet platform prints flexible and rigid substrates up to 65 in (165 cm) wide and 2 in (5.08 cm) thick
- Powerful LED technology for lower operating costs, a wider range of printable substrates, and multiple environmental benefits
- Four colors plus white ink printing and single-pass, multilayer printing for greater profit opportunity
- Up to 1200 x 1200 dpi and near-photographic images, saturated colors, and smooth gradations with true four-level, variable-drop grayscale print capability
- Production quality printing at 476 ft<sup>2</sup>/hr (44 m<sup>2</sup>/hr) for faster job turns
- Includes an embedded EFI Fiery® proServer digital front end, featuring FAST RIP acceleration technology, plus RIP and print-on-demand functionality or the ability to print pre-ripped files at the printer interface

The logo for FAST RIP, featuring a stylized orange and red play button icon followed by the text "FAST RIP" in a bold, orange, sans-serif font.





## The power of green LED technology



From the leaders in production-level LED inkjet printing, EFI's brilliantly designed "cool cure" LED curing technology empowers you with the ability to do more for less. Increase your profit opportunity by offering more premium-margin jobs while reducing operating costs and your environmental footprint:

- Extends your range of supported substrates, including lower cost and added-value specialty media
- Increases uptime and productivity with instant on/off and less maintenance
- Drives down operating costs with less energy consumption and fewer consumable parts
- Reduces waste with consistent color output and simple operation
- Satisfies customer requests for a greener print solution with low VOCs, lower power consumption, and less waste and consumables



# EFI Pro 16h

## Features and benefits

- Standard: CMYK plus two white channels
- Dynamic-curing LED UV lamps
- Up to 976 ft<sup>2</sup>/hr (90.7 m<sup>2</sup>/hr)
- Up to 1200 x 1200 dpi
- Up to four levels of variable-drop grayscale
- Integration ready with EFI Web-to-Print and MIS/ERP solutions with native JDF connectivity
- Ships with an embedded EFI Fiery proServer digital front end
- RIP and print on demand, or print pre-ripped files at the printer interface
- One-year Enhanced Service Program (ESP) warranty covers your printer, embedded Fiery proServer, and Fiery XF software
  - Twelve months of Essential level coverage –
  - Three-business-day response

## Media/Handling

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

## Productivity

- Ultra Quality Mode: 60 ft<sup>2</sup>/hr (5.6 m<sup>2</sup>/hr)
- High Quality Mode: 119 ft<sup>2</sup>/hr (11 m<sup>2</sup>/hr)
- POP Quality Mode: 178 ft<sup>2</sup>/hr (16.5 m<sup>2</sup>/hr)
- Production Mode: 476 ft<sup>2</sup>/hr (44 m<sup>2</sup>/hr)
- Distant View/Outdoor Mode: 569 ft<sup>2</sup>/hr (53 m<sup>2</sup>/hr)
- Express Mode: 976 ft<sup>2</sup>/hr (90.7 m<sup>2</sup>/hr)
- White printing, one-half CMYK speeds

## Formats

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

## Environmental considerations

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