Pro 24f

Wide Format Inkjet Printer

A sharp competitive edge with a *powerful* pro flatbed

Pro power

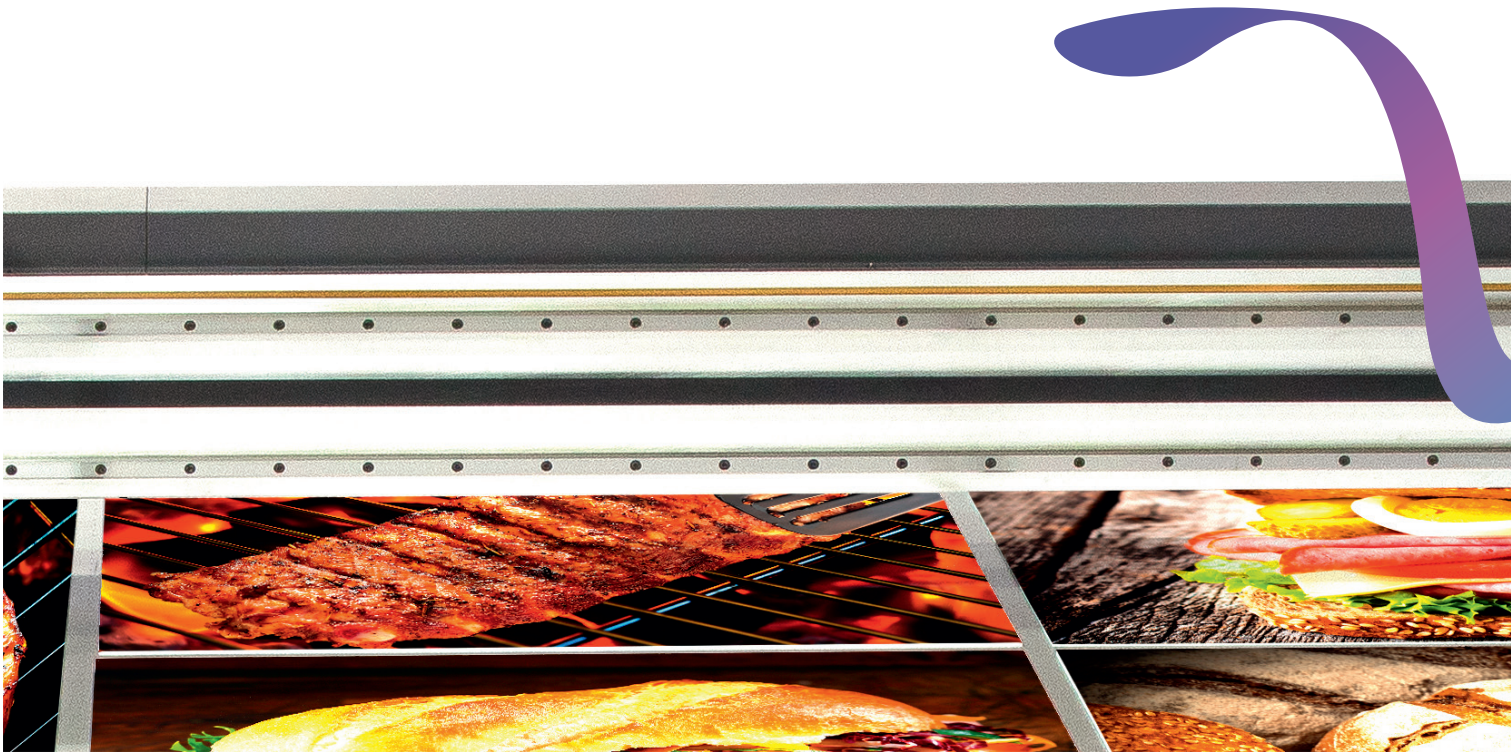
It's what gives the EFI™ Pro 24f LED flatbed printer its sharp competitive edge. It contains the most powerful features — from LED and variable-drop greyscale head technology to its true flatbed design with moving gantry and multi-zoned vacuum table. It's the strategic choice for printers producing graphic arts, art reproductions, membrane switches, graphic overlays — and other speciality applications up to 5 cm thick — as well as overflow printing and where precision and fine detail, image quality, and speed are critical to meeting customers' demands.

The EFI Pro 24f flatbed printer delivers the most powerful results with outstanding image quality at production speeds, broad colour gamut, optimised ink usage, and access to more profitable jobs.

At a glance

- True 1.2 m x 2.4 m flatbed architecture with moving carriage and gantry, and a vacuum system to hold media stationary on a flat surface, ensuring accurate registration for multiple overprints or panels
- Four colours plus dual channels of white standard, and single-pass, multilayer printing
- Variable-drop greyscale print capability for high-quality imaging
- LED for lower power consumption, less waste, and the use of thinner substrates
- Four user-selectable vacuum zones designed to match the most common media sizes without masking, ensuring efficient hold-down, no unintended media movement, and easy transitions between jobs
- Easy edge-to-edge printing (full bleed), reducing finishing time
- Multi board, including different size boards, printing simultaneously
- A choice of EFI ProGraphics Series UV Inks to best meet your application needs[1]:
  - EFI - 3M™ ProGraphics UV ink for a wide range of flexible applications, including those that need to be stretched or heated or require the 3M™ MCS™ Warranty[2]
  - EFI ProGraphics UV POP inks for the most diverse range of rigid board and flexible media printing of indoor and outdoor applications
  - EFI ProGraphics UV Rigid inks provide the best surface mar resistance and are ideal for printing on speciality rigid media, such as lenticular lenses, steel, aluminium, and wood
- Includes an EFI Fiery® proServer Core 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
- Ideal for printing high-value applications, such as lenticulars and photographic backlit displays, exotic materials, and irregularly shaped or heavy objects

FASTRIP



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 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 speciality 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 colour output and simple operation
- Satisfies customer requests for a greener print solution with low VOCs, lower power consumption, and less waste and consumables

[1] EFI ProGraphics Series UV Inks are NOT top loadable and require a simple change-over kit to move from one ink set to the other.

[2] 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 https://www.3m.co.uk/3M/en_GB/graphics-and-signage-uk/resources/warranties/ to register and for more details.

EFI Pro 24f

Features and benefits

- Standard: CMYK plus two White channels
- Dynamic curing LED UV lamps
- Up to 107 m²/hr
- Up to 1200 x 1200 dpi
- Up to four levels of variable-drop greyscale
- EFI ProGraphics Series UV Inks
- Integration ready with EFI web-to-print and MIS/ERP solutions with native JDF connectivity
- Ships with an EFI Fiery proServer Core 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, Fiery proServer Core, and Fiery XF software
  - Twelve months of Essential level coverage — three-business-day response

Media/handling

- Four-zone, user-selectable vacuum system
- Table width: 291.8 cm
- Maximum printable area: 254 cm x 127 cm
- Maximum media thickness: 5.08 cm
- Maximum media weight: 180 kg evenly distributed

Productivity

- White printing at one-half CMYK speeds

MODE	M²/HR
Ultra quality	7
High quality	13
POP quality	20
Production mode	27
Distant view/outdoor mode	57
Express mode	107

Formats

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

Environmental considerations

- Temperature: 20-30 °C
- Humidity: 30%-80% (non-condensing)
- Ventilation required but not supplied with the system
- Weight: 1173 kg uncrated
- Dimensions (W x D x H): 446.5 cm x 208. cm x 138.9 cm
- Electrical: 198-242 VAC, single phase, 50/60 Hz, 28 amp average running (50 amp peak)

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 (UK), or +61 (0) 7 3625 9200 (ANZ and Asia Pacific) 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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