A stimulus package for ultimate growth

Pro 16h
Wide Format Inkjet Printer

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 165 cm wide and 5.08 cm thick

- Powerful LED technology for lower operating costs, a wider range of printable substrates, and multiple environmental benefits

- Four colours plus white ink printing and single-pass, multilayer printing for greater profit opportunity

- Up to 1200 x 1200 dpi and near-photographic images, saturated colours, and smooth gradations with true four-level, variable-drop greyscale print capability

- Production quality printing at 44 m²/hr for faster job turns

- 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

- 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
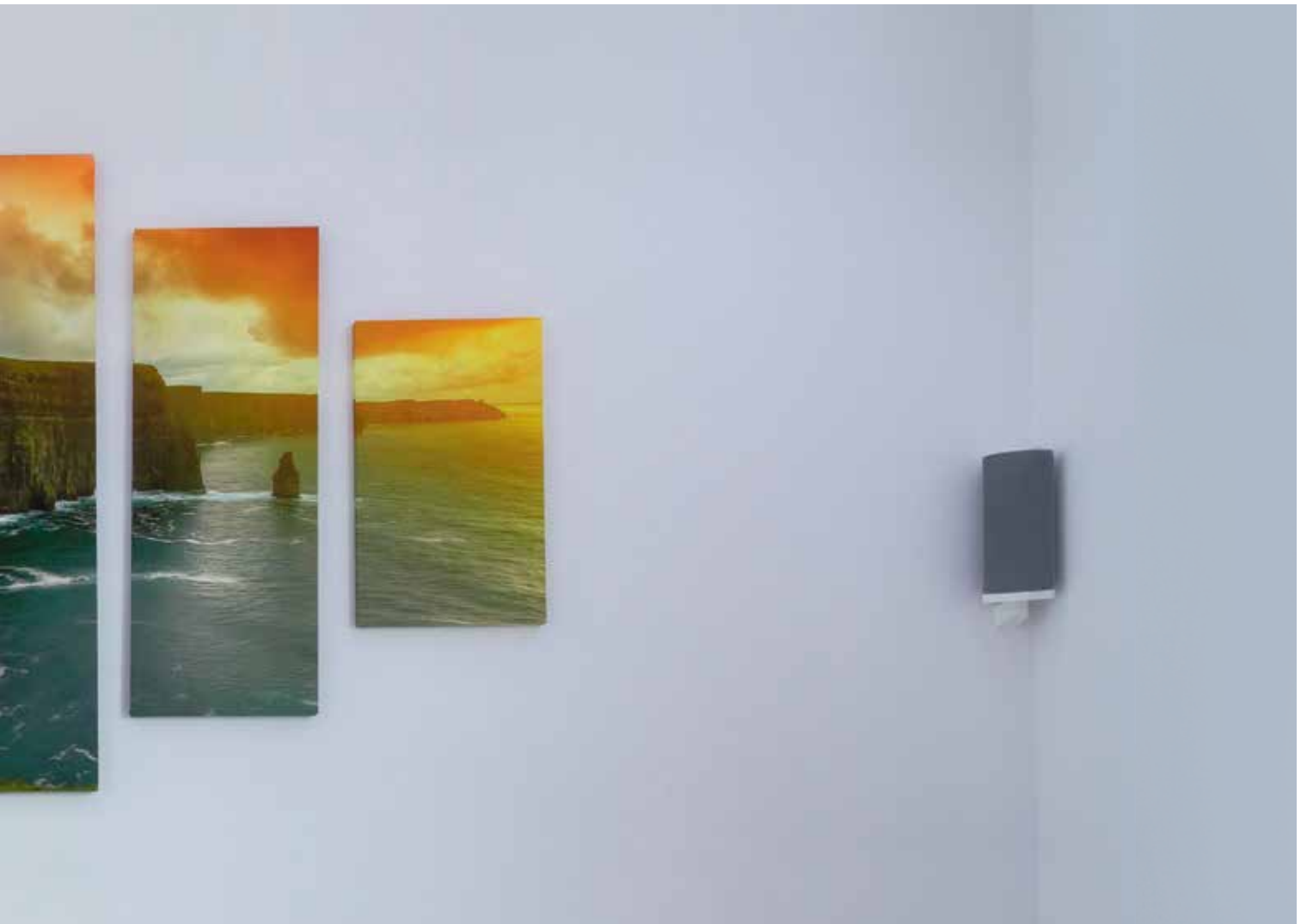
The power of green LED technology

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

EFI Pro 16h

Features and benefits

- Standard: CMYK plus two white channels
- Dynamic-curing LED UV lamps
- Up to 90.7 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 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 165 cm wide and 5.08 cm thick
- Image width of 162.6 cm full-bleed printing
- Vacuum belt drive system with variable control
- Maximum rigid and roll media weight of 45.4 kg
- Maximum roll diameter of 22.9 cm
- Modular table design for scalable rigid printing depth

Productivity

- Ultra Quality Mode 5.6 m²/hr
- High Quality Mode 11 m²/hr
- POP Quality Mode 16.5 m²/hr
- Production Mode 44 m²/hr
- Distant View/Outdoor Mode 53 m²/hr
- Express Mode 90.7 m²/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: 18 °C - 26.7 °C
- Humidity: 20% - 80% (non-condensing)
- Weight: 1,235 kg, including tables and rollers
- Dimensions (W x D x H) with one set of tables: 348 cm x 241 cm x 163 cm
- Depth: 138 cm without tables or rollers, 241 cm with tables
- Electrical: 208–240 VAC, single phase, 50/60 Hz, 30 Amps