efi VUTEk® HS100 Pro
Superwide Inkjet Printer

A revolutionary digital inkjet press.

The EFI™ VUTEk® HS100 Pro high-volume digital UV inkjet press combines the productivity of screen with image quality approaching offset.

Revolutionary productivity

- 3.2-metre hybrid digital UV printer handles up to 100 beds/boards per hour in production mode; up to 70 boards per hour in P-O-P mode

- Lower cost per board by eliminating make-readies for job versioning, regionalisation and customisation

- Less waste, less downtime and no increase in labour costs

Revolutionary image quality

- True greyscale technology and six colours plus two white channels standard

- Up to 8 colours* with optional orange and violet ink configurations for more Pantone® coverage and vibrant reproduction of RGB imagery

- Innovative Pin & Cure technology delivers precise ink lay down for high image quality and production speeds, gloss control, increased colour gamut and fewer artefacts

Revolutionary digital economics

- Maximise ink yield with innovative imaging technology and ink delivery system

- Minimise downtime, waste and loss potential with sophisticated warning and detection systems

- Accommodate versioning and localisation on short, medium and long runs

- Run multiple jobs at once with multi-queue functionality, eliminating the need to rip larger layout files

- Integrate with EFI Web-to-Print and MIS/ERP solutions with native JDF connectivity

Features and benefits

- True greyscale head technology for higher image quality, greater PMS colour matching and better ink utilisation
- Standard six colours (CMYK, Ic, Im) plus two white channels
- Optional orange and violet ink configurations*
- Variable matte or gloss finish for a wider colour gamut and greater photographic image quality
- On-board calibration system automatically recalibrates to system settings, eliminating reprinting and re-profiling for consistency from job to job
- Sophisticated warning and detection systems minimise downtime, waste and loss potential
- Carriage is 100% accessible for easier maintenance

Media/Handling

- Handles flexible or rigid substrates up to 3.2 m wide and up to 5.08 cm thick
- Automated six-zone vacuum table
- Media handling options, from three-quarter loading and unloading to fully automated loading and unloading, to meet any business need

Environmental considerations

- Compressed air: 6.5-10 bar maximum at 113 lpm — dry air only (not included)
- Fully enclosed design for operator safety and environmental considerations
- Machine Weight: 5900 kg
- Height: 221 cm
- Width: 732 cm
- Depth: 224 cm
- Electrical: 3 Phase 400VAC (80A) to 480VAC (60A), 5 Wire (3 Phase + N + G)

Genuine inks

- New ink delivery system allows 100% ink utilisation so no ink is wasted
- Expanded gamut CMYK pigments for world-class Pantone matching
- EFI develops pigment dispersions that ensure optimised size and concentration for best-in-class ink stability

EFI Fiery proServer

- Optimised for use with the EFI Fiery proServer
- Bidirectional communication capability between the Fiery XF RIP and printer allows back communication of audit information on every print job
- Powerful production tools, such as nesting, step and repeat, scaling, cropping and tiling
- Advanced ICC colour management for reliable colour, quality output and proofing-quality colour

Enhanced Service Program (ESP)

- EFI's industry-leading service and support program
- Predictable up time to maximise profitability
- One year of Critical level coverage, providing you with eight-business hour response

* EFI VUTEk HS100 Pro Orange and/or Violet Inks may be added to the six process colours using one or both white ink channels. The switch from white to orange and/or violet requires the purchase of a conversion kit, which must be installed by an EFI certified field service engineer.

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.