



## VUTEk® Q3r and Q5r

Superwide roll-to-roll inkjet printers

Go beyond at  
lightning speed



# Take your business beyond— with the **EFI VUTEk Q Series**

The new EFI™ VUTEk® Q Series roll-to-roll printers were developed to bring you the highest image quality at the highest rated speeds in the industrial roll-to-roll printer market.

We designed the EFI VUTEk Q3r and VUTEk Q5r to go beyond printing to provide a complete print to finished graphic workflow—from RIP to finished product—on the same platform. Think of it as one big competitive edge that encompasses automatic in-line quality inspection, inline slitting and cutting, Roll & Tape, and more.



Go beyond with:



- The widest range of application capabilities—signage, wall coverings and murals, POP, exhibitions, floor graphics, window decorations, luxury vinyl tile and much more
- Superb white ink printing performance in single- and multi-layer print modes
- White and clear ink printing together for increased design and application possibilities
- Continuous printing with minimal supervision and multiple media handling solutions for large and heavy rolls
- A unique set of optional Power Tools that automate processes, minimize waste, offer better usability, expand applications offering, and increase profitability
- Automatic inline print quality monitoring that can identify various print imperfections and alert the operator
- Automatic calibration for periodic system alignment of quality parameters back to reference point

# Beyond speed and quality



- VUTEk Q3r up to 6,006 ft<sup>2</sup> (558 m<sup>2</sup>) per hour
- VUTEk Q5r up to 7,233 ft<sup>2</sup> (672 m<sup>2</sup>) per hour
- Up to nine colors – standard CMYK, optional LC, LM, LK, white and clear coat
- UltraDrop™ Technology with native 7 pL printheads with true multi-drop addressability for high-definition image quality, outstanding smoothness in shadows, gradients, and transitions, and superb text quality with three-point text in both standard and high quality with fewer satellites and more clarity in all print modes
- True resolution up to 1200 dpi
- Precise and sharp three-point text



### Applications that go above and beyond

- Wide range of applications designed for challenging, premium POP as well as high volume billboards
- EFI - 3M™ SuperRange XF White ink covered under the 3M™ MCS™ Warranty when printing with co-branded EFI and 3M™ UV inks on 3M™ flexible media<sup>1</sup>
- EFI - 3M™ SuperFlex XF inks available for car wrapping and fleet graphics



### Cool features that are beyond compare

EFI's industry-leading LED curing technology and all its cost savings and environmental benefits:

- 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 significantly less energy consumption (2.9 kW instead of 10 kW) and fewer consumable parts
- Improves control over gloss/matte levels
- 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

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### Way beyond easy to use

- Versatile media handling capabilities to support a variety of flexible media, including freefall, multi-roll, 3.5-meter and 5.2-meter Super Duty Winder<sup>2</sup> and Motorized Winder<sup>2</sup>
- Carriage height adjustment and Wrinkle Analyzer to avoid head strikes
- Newly designed mobile operator station with touch screen for maximum convenience
- EFI IQ and EFI Go mobile application<sup>2</sup> for remote printer tracking

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<sup>1</sup> The 3M™ MCS™ Warranty backs graphics printed with the 3M co-branded ink on select 3M flexible media and printed and applied according to 3M Product and Instruction Bulletins. Nothing herein should be construed as a warranty in addition to the express warranty statements provided with EFI products and services.

<sup>2</sup> Optional

# Versatility and beyond – with optional Power Tools



**White printing** with a variety of multi-layer white printing modes.



**Clear coat ink** – glossy and matte coating modes; selective and full flood; provides up to three years protective coating and for print enhancement.



**X-cutter** – cuts media on the X-axis on the fly, without slowing down printing.



**Y-slitters – single- or double-bladed** – for separating multiple jobs on a single, full-width roll, minimizing media waste, and with waste collectors to eliminate the mess.



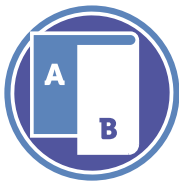
**InSpec** – automatic inline print quality monitoring that can identify various print imperfections and alert the operator.



**Roll & Tape** – an automated device that takes printed cut sheets directly from the printer, rolls them into scrolls, and tapes their edges with labels with printed job information.



**Automatic Backlit** supports multi-roll, and enables printing each side with a different print mode.



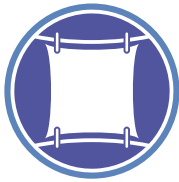
**Automatic Blockout** is available for multi-roll and supports cutting and slitting.



**ID Backprint** for printing customer information on the back side of the media; also available with white ink for color-backed media.



**Media Edge Guards** for media with uneven or wavy edges protect the print carriage and printheads.



**Media Spreaders** for extra challenging, stretchable media types that tend to wrinkle.



**Super Duty Winder** for loading heavy media rolls.



**Motorized Airshaft** for precise and excellent media collection.

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## TECHNICAL DATA

| PRINTING TECHNOLOGY                                                                                                                                                                                              |                                                                                             |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------|
| Piezo drop-on-demand inkjet technology                                                                                                                                                                           |                                                                                             |                                               |
| 24 print heads with 7pL UltraDrop Technology                                                                                                                                                                     |                                                                                             |                                               |
| Up to 1200 dpi true resolution                                                                                                                                                                                   |                                                                                             |                                               |
| Colors: CMYK, optional LC, LM, LK, optional white and optional clear                                                                                                                                             |                                                                                             |                                               |
| MEDIA HANDLING                                                                                                                                                                                                   |                                                                                             |                                               |
| Handles a wide variety of flexible substrates                                                                                                                                                                    |                                                                                             |                                               |
| Max printing width: VUTEK Q3r up to 138 in. (350 cm); VUTEK Q5r up to 208 in (520 cm)                                                                                                                            |                                                                                             |                                               |
| Roll-to-roll, free-fall and multi-roll (3 rolls of 63 in / 1.6 m for 5m model, 2 rolls for 3 m model)                                                                                                            |                                                                                             |                                               |
| 300% better media utilization – only 16 in (40 cm) wasted on each roll loading                                                                                                                                   |                                                                                             |                                               |
| Optional winder motorized airshaft for precise and excellent media collection of rolls up to 882 lbs/400 kg                                                                                                      |                                                                                             |                                               |
| Optional three-meter and five-meter Super Duty Rewinder enables working with large media rolls up to 1,750 lbs (793 kg) and 4,410 lbs (2,000 kg), respectively, for continuous printing with minimal supervision |                                                                                             |                                               |
| Integrated Mesh Kit for easy and quick changeover to mesh, textile and other porous media                                                                                                                        |                                                                                             |                                               |
| Quick and easy media loading                                                                                                                                                                                     |                                                                                             |                                               |
| PRODUCTIVITY                                                                                                                                                                                                     |                                                                                             |                                               |
| Production:                                                                                                                                                                                                      | VUTEK Q3r: up to 6,006 ft² (558m²) per hour<br>VUTEK Q5r: up to 7,233 ft² (672 m²) per hour |                                               |
| GENUINE EFI INKS                                                                                                                                                                                                 |                                                                                             |                                               |
| EFI™ - 3M™ SuperRange XF Inks                                                                                                                                                                                    | LED-curable UV inks<br>Small dot gain<br>Wide color gamut                                   | Environmentally friendly<br>Superb durability |
| EFI - 3M™ SuperFlex XF inks for car wrapping and fleet graphics                                                                                                                                                  |                                                                                             |                                               |

| ENVIRONMENTAL CONSIDERATIONS                                                                          |                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compressed air: 95 psi (6.5 bar) airflow of 4 cf/m (110 L/min), dry and clean air only (not included) |                                                                                                                                                                                                                             |
| Operating temperature: 68 °F to 86 °F (20 °C to 30 °C)                                                |                                                                                                                                                                                                                             |
| Humidity:                                                                                             | Standard range: 30% - 80% (non-condensing)<br>Optimal range: 50% - 80% (non-condensing)                                                                                                                                     |
| Machine weight:                                                                                       | VUTEk Q3r: 11,900 lbs (5,400 kg);<br>crated: 15,400 lbs (7,000 kg)<br>VUTEk Q5r: 14,330 lbs (6,500 kg);<br>crated: 17,640 lbs (8,000 kg)                                                                                    |
| Height: 82.7 in (210 cm); with emergency light: 98 in (250 cm)                                        |                                                                                                                                                                                                                             |
| Width:                                                                                                | VUTEk Q3r: 272 in (690 cm)<br>VUTEk Q5r: 331 in (840 cm)                                                                                                                                                                    |
| Depth: 70.8 in (180 cm)                                                                               |                                                                                                                                                                                                                             |
| Electrical: 3 Phase, 208 VAC between phases (±5%), 3 x 32 Amp + N + GND (WYE), 50/60 Hz               |                                                                                                                                                                                                                             |
| Printing consumption: 2.9 kW, Peak consumption: 5.7 kW                                                |                                                                                                                                                                                                                             |
| Chiller: Cooling capacity 3.6 kW (included)                                                           |                                                                                                                                                                                                                             |
| FIERY DIGITAL FRONT END                                                                               |                                                                                                                                                                                                                             |
| EFI Fiery® proServer Premium digital front end, features include:                                     | FAST RIP (Fiery Accelerated System Technology)<br><br>Spot Color, Color Profiler, Color Verifier, Cut Marks and File Export Options<br><br>1x Printer Option EFI, 1x Printer Option, M/XL/XXL<br><br>EFI measurement device |
| Other RIP solutions supported                                                                         |                                                                                                                                                                                                                             |
| File formats include: EPS, PS, TIFF, PDF, JPEG                                                        |                                                                                                                                                                                                                             |

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials 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, BESTColor, BioVu, BioWare, ColorPASS, Colorproof, ColorWise, Command WorkStation, CopyNet, Cretachrom, Cretaprint, the Cretaprint logo, Cretaprinter, Cretaroller, Digital StoreFront, DocBuilder, DocBuilder Pro, DockNet, 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 Navigator, Fiery Prints, the Fiery Prints logo, Fiery Spark, FreeForm, Hagen, Inkintensity, Inkware, LapNet, Logic, Metrix, MicroPress, MiniNet, Monarch, OneFlow, Pace, Pecas, Pecas Vision, PhotoXposure, PressVu, Printcave, PrinterSite, PrintFlow, PrintMe, the PrintMe logo, PrintSmith, PrintSmith Site, PrintStream, Print to Win, Prograph, PSI, PSI Flexo, Radius, Remoteproof, RIPChips, RIP-While-Print, Screenproof, SendMe, Sincrolor, 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.

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