

efi *Matan 8QW*

Superwide Inkjet Printer



The Matan 8QW UV printer was chosen by the readers of Wide Format Imaging magazine as Top Product for 2015 in the Grand Format category.

Widen your
margin opportunity
with white.

Open up endless new business opportunities with white.

At a glance

- Best production speed – 353 m² per hour
- Sensational white printing capabilities
- High-definition POP printing – seven colours plus Parallel Drop Size (PDS) technology with 20 and 40 pL drops
- Proven and reliable Matan Core technology
- Fast and economical 4 to 7 colour switching to support the widest variety of print applications
- Advanced multi-roll capabilities
- Optional inline finishing system for all-in-one printing, trimming and collecting
- Versatile media handling capabilities to support a variety of flexible and rigid media
- Single-operator loading system
- Unique roll loader for up to 300% better media utilisation—only 40 cm of wasted material on every roll
- Ink-saving modes
- Motorised carriage height adjustment for maximum ease of use
- Media saving wizard for revolutionary media stock management
- Mobile operator station with touch screen for increased usability
- Advanced software tools
- Available in 3.5 and 5.2 metre widths

Fuel your versatility with unique options and software

- Inline finishing for cutting and trimming
- Vacuum plate for printing on thin sheets and rigid media in a selection of sizes
- Automatic flatbed with loader and unloader
- Automatic backlit printing
- Automatic blackout printing
- Wrinkle analyser
- ID backprint
- Jumbo roll handling system
- ValuePro business analytics software
- Matan iPhone application

Add high-margin white applications to your offering

- White printing, combined with Matan's patented PDS technology, produces a new level of high-definition POP print quality
- Includes a selection of white printing options for challenging applications:
 - White printing only, either on clear or coloured media, for window decorations of signage
 - White printing as background, for colour printed on top either on clear or coloured media
 - White printing on top of colour, for reverse printing on clear media, for decals or window graphics
 - White printing for double-sided printing

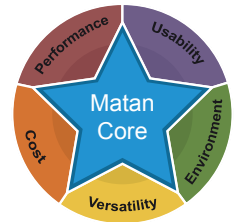
Perfect for high-end indoor and outdoor applications

- Banners
- Billboards
- Building wraps
- Bus shelters
- Flags
- Point of purchase and point of sale images
- Signage
- Terminal graphics
- Tradeshow graphics
- Window displays
- Wall graphics



Matan Core

Providing you with the finest superwide inkjet printer experience is at the core of what we do. That's why we've developed the five-point Matan Core. Every printer has to offer **best performance, best versatility, best cost of ownership, best usability, and best environmental friendly solution** — or the Matan name doesn't go on it. We work hard to always uphold our core standards, because we know your business depends on being the best.



Parallel Drop Size technology

Matan's patented Parallel Drop Size (PDS) technology sets new standards in terms of print quality and productivity. A smart software algorithm enables the printing of both small and large drops in the same pass. Small 20 pL droplets are injected simultaneously with 40 pL drops. Fine details are created by the small 20 pL droplets, while ink coverage is achieved by the larger 40 pL drops.

The result is high-definition print quality while maintaining the highest production print speed of up to 353 m²/hr. Combined with seven-colour printing, PDS delivers superb high-definition print quality.



Matan 8QW

Printing technology

- Piezo drop-on-demand inkjet technology
- Parallel Drop Size (PDS) patented print technology
- Up to 600 dpi true resolution
- Colours: C, M, Y, K, LC, LM, LK plus white

Media/Handling

- Handles a wide variety of flexible and rigid substrates
 - Matan 8QW 3 m — up to 380 cm max media width
— up to 350 cm max printing width
 - Matan 8QW 5 m — up to 530 cm max media width
— up to 500 cm max printing width
- Roll-to-roll, free-fall and multi-roll (2 or 3 rolls of 1.6 m)
- 300% better media utilisation—only 40 cm is wasted on each roll loading
- Optional flatbed with auto media loading and collecting for rigid media up to 254 mm thick
- Optional Vacuum Plate for thin sheets and rigid media up to 11 mm thick
- Optional Jumbo-roll handling system enables working with large media rolls up to 750 kg for continuous, unattended work

Productivity

- Production:
 - Matan 8QW 3 m—up to 297 m² per hour
 - Matan 8QW 5 m—up to 353 m² per hour
- Quick and easy media loading
- Fast roll-to-roll <-> flatbed switching

Environmental considerations

- Compressed air: 6 bar, airflow of 7 liters/sec, dry and clean air only (not included)
- Operating temperature: 20 °C to 29 °C
- Humidity: 50% to 80% (non-condensing)
- Machine weight:
 - Matan 8QW3 m – 4,380 kg
 - Matan 8QW 5 m – 5,900 kg
- Height: 210 cm
- Width:
 - Matan 8QW 3 m – 670 cm
 - Matan 8QW 5 m – 820 cm
- Depth: 135 cm
- Electrical: 230 V / 50 Hz / 3 phase 32 Amp, 4.6 KW printing consumption (10 KW peak)

Other

- RIP: Fiery® XF, Caldera, or other system available in the market
- File formats: EPS, PS, TIFF, PDF, JPEG

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.



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, Fabrividu, 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-While-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.