

| EQUIPOS DE IMPRESIÓN GRAN FORMATO |



# Cigraph

Colombia

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**efi** *Matan iQ*  
Superwide Inkjet Printer

Print beautiful graphics  
at production speeds.



Accelerate your productivity and print quality at the best cost of ownership.

### ***At a glance***

- Best production speed – 3,800 ft<sup>2</sup> (353 m<sup>2</sup>) per hour
- High quality printing – four colors with patented Parallel Drop Size (PDS) technology with 20 and 40 pL drops
- Proven and reliable Matan Core technology
- 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 utilization—only 16 in (40 cm) of wasted material on every roll
- Motorized carriage height adjustment for maximum ease of use
- Lowest cost of ownership in the market
- Advanced software tools
- Available in 3.5 and 5.2 meter 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 analyzer
- ID backprint
- Jumbo roll handling system
- White option
- ValuePro business analytics software
- Matan iPhone application



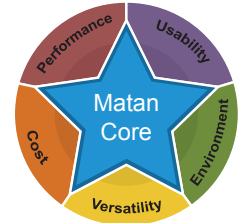


## Print more indoor and outdoor applications

- Banners
- Billboards
- Building wraps
- Flags
- Flooring
- Signage
- Tradeshow graphics
- 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 3,800 ft<sup>2</sup>/hr (353 m<sup>2</sup>/hr).



# Matan iQ

## Printing technology

- Piezo drop-on-demand inkjet technology
- Parallel Drop Size (PDS) patented print technology
- Up to 600 dpi true resolution
- Four color printing

## Media/Handling

- Handles a wide variety of flexible and rigid substrates
- Matan iQ 3 m – up to 150 in (380 cm) max media width  
– up to 138 in (350 cm) max printing width
- Matan iQ 5 m – up to 209 in (530 cm) max media width  
– up to 198 in (500 cm) max printing width
- Roll-to-roll, free-fall and multi-roll (2 or 3 rolls of 63 in/1.6 m)
- 300% better media utilization—only 16 in (40 cm) is wasted on each roll loading
- Optional flatbed with auto media loading and collecting for rigid media up to 1 in (254 mm) thick
- Optional Vacuum Plate for thin sheets and rigid media up to 0.43 in (11 mm) thick
- Optional Jumbo-roll handling system enables working with large media rolls up to 1,653 lbs (750 kg) for continuous, unattended work

## Productivity

- Production:
- Matan iQ 3 m – up to 3,200 ft<sup>2</sup> (297 m<sup>2</sup>) per hour
- Matan iQ 5 m – up to 3,800 ft<sup>2</sup> (353 m<sup>2</sup>) per hour
- Quick and easy media loading
- Fast roll-to-roll <-> flatbed switching

## Environmental considerations

- Compressed air: 87 psi (6 bar), airflow of 15 cf/m (7 liters/sec), dry and clean air only (not included)
- Operating temperature: 68° F to 85° F (20 °C to 29 °C)
- Humidity: 50% to 80% (non condensing)
- Machine weight:
- Matan iQ 3 m – 9,656 lbs (4,380 kg)
- Matan iQ 5 m – 13,007 lbs (5,900 kg)
- Height: 82 in (210 cm)
- Width:
- Matan iQ 3 m – 264 in (670 cm)
- Matan iQ 5 m – 322 in (820 cm)
- Depth: 53 in (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 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.



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