

**efi** Quantum 3

Superwide Inkjet Printer

Experience phenomenal  
HD image quality.



# Expand into profitable high-definition and close-view indoor graphics.

## ***At a glance***

The three meter wide EFI™ Quantum printer features:

- Powerful LED curing technology
- Seven picoliter drop size for high-definition image quality and superb transitions, vignettes, skin tones, and shadows
- Seven colors plus optional white
- Resolution up to true 1200 dpi
- Precise and sharp small size text
- Advanced multi-roll capabilities
- Optional inline finishing system for all-in-one printing, slitting, 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 15.7 in (40 cm) of wasted material on every roll
- Ink-saving modes
- Carriage height adjustment and optional wrinkle analyzer
- Media saving wizard for revolutionary media stock management
- Mobile operator station with touch screen for maximum convenience

## ***Fuel your versatility with unique options and software***

- White printing
- Inline finishing for cutting and slitting
- Vacuum plate for printing on thin sheets and rigid media in a selection of sizes
- Automatic backlit printing
- Automatic blockout printing
- Wrinkle analyzer
- ID backprint
- Jumbo roll handling system
- ValuePro business analytics software
- iPhone application



## ***A perfect match for close-view indoor applications***

- Window displays
- Point of sale and point of purchase images
- Backlit signs
- Indoor hanging banners
- Tradeshow graphics
- Wallpaper murals
- Floor decals
- Fine art

## ***The power of green LED technology***

Brilliantly designed “cool cure” LED 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 specialty media
- Drives down operating costs with significantly less energy consumption
- Increases uptime and productivity with instant on/off and less maintenance
- 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





# Quantum 3

## Printing technology

- Piezo drop-on-demand inkjet technology
- Print heads with inherent 7 pL drop size
- Up to 1200 dpi true resolution
- Colors: C, M, Y, K, LC, LM, LK; optional white

## Media/Handling

- Handles a wide variety of flexible and rigid substrates — up to 138 in (350 cm) max printing width
- Roll-to-roll, free-fall, and multi-roll (2 rolls of 63 in/1.6 m)
- 300% better media utilization — only 15.7 in (40 cm) is wasted on each roll loading
- 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: up to 2,257 ft<sup>2</sup> (210 m<sup>2</sup>) per hour
- Quick and easy media loading
- Fast roll-to-roll flatbed switching
- Easy loading and printing in roll-to-roll mode

## Quantum LED inks

- LED-curable UV inks
- Smaller dot gain
- Wide color gamut
- Environmentally friendly
- Superb durability

## 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: 9,656 lbs (4,380 kg); crated — 12,742 lbs (5,780 kg)
- Height: 82 in (210 cm)
- Width: 264 in (670 cm)
- Depth: 53 in (135 cm)
- Electrical: 230 V/50 Hz/3 phase 32 Amp, 1.8 kW printing consumption (5 kW peak)

## Other

- RIP: 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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