

efi Quantum 5

Superwide Inkjet Printer

Experience phenomenal
HD image quality.



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

At a glance

The five 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 5

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 198 in (500 cm) max printing width
- Roll-to-roll, free-fall, and multi-roll (3 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 2,687 ft² (250 m²) 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: 13,007 lbs (5,900 kg); crated — 14,109 lbs (6,400 kg)
- Height: 82 in (210 cm)
- Width: 322 in (820 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 or call 650-357-3500 for more information.



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