Achieve new levels of speed and quality on continuous feed inkjet.

The Impika Evolution offers unique scalability for high volume production inkjet printing. Up to 833 fpm (254 mpm) delivers ground breaking transaction application productivity while VHQ mode offers stunning image quality at high speeds.

Versatile speed and quality options provide a sustainable investment.

The Impika Evolution provides flexibility that allows you to optimize production to fit your requirements.

Demanding transaction environments with tight SLAs may choose to maximize the print speed of the Impika Evolution. This lets you deliver 100% variable data full color jobs—and customer peace of mind—at an astounding 833 fpm (254 mpm).

Environments focused on the production of direct marketing and customer loyalty pieces may choose to engage the Impika Evolution’s VHQ (Very High Quality) mode, which uses a combination of two drop sizes to optimize visual resolution, smoothness and detail for impressive results.

This outstanding versatility allows you to enter a broad range of markets—including direct mail, TransPromo, or transactional—and tailor your services to meet customer requirements.

Key benefits of the Impika Evolution:

Powerful speed and quality—A range of speed, resolution, and drop size settings, including VHQ mode, provide the utmost control in tailoring your image quality with your productivity needs.

Proven technology—Based on reliable, high performance drop-on-demand piezoelectric inkjet technology.

Low printing costs—A quick ROI is achieved through:
- Use of low-cost papers with new generation HD (high density) ink.
- Longer HD ink open times before capping minimizes waste.
- Adjustable print quality with up to 3 print resolutions and 5 drop volumes.
- Variable speed options with guaranteed image quality for on-press inspection.

Seamless integration in your workflow—Three controller options provide even more flexibility in how you integrate the Impika Evolution into your environment.

The Xerox® Impika® Controller is a PC-based RIP and spool solution that supports the PDF and PostScript workflows typically found in direct mail or book production workflows.

The Xerox® Impika® IPDS Controller supports IPDS workflows for high speed, fully variable data direct mail or transaction jobs and can easily scale up as volume or complexity grows.

And the Xerox® FreeFlow® Print Server provides the ultimate in robust processing power for customers running Impika Evolution 24 configurations. The FreeFlow Print Server supports both PDF and IPDS printing along with native JDF/JMF support.
Impika® Evolution

**Technology**

**Inkjet**
- Impika drop-on-demand piezoelectric

**Drop volumes**
- 3, 6, 9, 11, 13 pL

**Print resolutions**
- Model 100–200 include: 600 x 600 and 1200 x 600 (360 x 600 option)
- Model 125–250 include: 600 x 600 and 360 x 600 (1200 x 600 option)
- Model 44 only: 600 x 600, 2 bit VHQ mode

**Printing speed**
- Up to 833 fpm (254 mpm)

**Recommended duty cycle**
- 4-70 millions letter/A4 impressions per month (in CMYK, 600 x 600 dpi resolution)

**Printing width**
- 18.67" (474 mm)

**Printing process**
- Single pass (mono or color)

**Head servicing**
- Automated head cleaning (purging, wiping, capping)

**Inks**

**Ink types available**
- Water based dye or HD (high density) pigment inks

**Color configurations available**
- From 1 to 4 colors, field upgradable

**Papers**

**Paper characteristics**
- Uncoated, inkjet treated matte and silk papers, other papers (glossy inkjet coated) may be suitable subject to testing (see Impika tested media list)

**Paper weight**
- From 60 to 160 gsm

**Paper width**
- Up to 20" (510 mm)

**Dryer**

**Dryer characteristics**
- Infra Red (IR), 5x8 kW per tower

**Print tower**

**Dimensions**
- 137.8"L x 105.5"D x 80.2"H (3500 x 2680 x 2037 mm)

**Weight**
- 3500 kg per print tower

**Software/interface solutions**

**Graphic user interface**
- Touch screen with user-friendly menu

**Controller**
- Xerox® Impika® Controller, Xerox® Impika® IPDS Controller or Xerox® FreeFlow® Print Server (TED 24 only)

**Printer data format**
- AFP/IPDS, PDF, PS, JPEG, TIFF and BMP

**Connectivity**
- Ethernet 1 GB

**Operating environment**

**Nominal operating conditions**
- 70-84°F (21-29°C) at 40-60% RH

**Optimal printing quality**
- 73-81°F (23-27°C) at 50% RH

**Exhaust air**
- 1000 m3/h

**Operating noise**
- Less than 80 dB for a twin model with unwinder and rewinder

**Heat output**
- 68,000 BTU (for max dryer assemblies at maximum speed)

**Power supply**
- 100-240 V, 32 A + 400-415 V, 80 A (for max dryer assemblies)

**Certifications**
- CE, RoHS, UL/CSA, TÜV

**Options (contact us for more available options)**

**Finishing**
- rewind unit, puncher, cutter, folder, stacker or any compatible finishing device (may require testing)

**Press**
- Additional speed or resolution modes, printhead, and linehole counter

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Visit [www.xerox.com](http://www.xerox.com) for more information.

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