

TECHNOLOGY

Inkjet	Impika drop-on-demand piezoelectric
Drop volumes	Small, medium, large
Print resolution	600 x 600 dpi x 2-bit
Visual resolution	1000 x 1000 dpi
Printing speed	Up to 210 fpm (64 mpm), 458 8.5" x 11" ipm (431 A4 ipm) with Speed Boost Option
Front to back registration	+/- 0.5 mm
Recommended monthly print volume	1.5 million – 7.5 million letter/A4 impressions per month
Printing width	8.66" (220 mm)
Printing process	Single pass duplex, tight web
Print engine optimization	Clear pixel technology and Dynamic Print Sampling
Head servicing	Automated head cleaning (purging, wiping, capping)
Duplex integrity	Automated inline integrity and recovery

INK

Ink	Water-based pigment HD (high density)
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PAPERS

Paper characteristics	Uncoated, untreated, inkjet treated, inkjet matte coated (see the tested media list)
Paper weight	From 60 to 160 gsm (3.2 to 7.4 pt)
Paper width	Up to 9.84" (250 mm)
Paper roll dimensions	Up to 40" (100 cm)

DRYERS

Dryer characteristics	Infrared (IR), 2 x 6.3 kW
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PRINT TOWER

Base press dimensions	15'1" L x 5'1" D x 5'3" H (4600 mm x 1615 mm x 1600 mm)
Weight	5260 lbs (2386 kg)

SOFTWARE SOLUTIONS

Graphic user interface	24" tablet-style interactive touch screen
Controller options (choose one or both)	Xerox® Impika® PDF Controller <ul style="list-style-type: none"> • Adobe PDF Print Engine 3.3 • Adobe Acrobat® 9.0, PDF 1.7, PDF/X 1a, 3, 4, PDF V/T-2 Xerox® Impika® IPDS Controller <ul style="list-style-type: none"> • Multi-resolution IPDS Controller • Encapsulated PDF support • Adobe PDF Print Engine 3.3 • Compliant to the AFP Consortium (IS/3)
Input file formats	IPDS, PDF
Connectivity	Ethernet 1 GB, USB

OPERATING ENVIRONMENT

Nominal operating conditions	70–90°F (21–32°C) at 40–60% RH
Optimal printing quality	71–81°F (22–27°C) at 50% RH
Exhaust air	1000 m3/h
Air output temperature	60–80°C
Heat output	30,000 BTU
Noise level	Below 78 dB
Power supply	North America: 60Hz 480V 3 Phases/25A; 60Hz 208-240V 1 phase/10A or 60Hz 120V 1 phase/10A Europe: 50Hz 400V 3 Phases/32A; 50Hz 230V 1 phase/10A
Electrical consumption	North America Standby/Printing: 2.8A/35.5A Europe Standby/Printing: 2.0A, 26A
Certifications	CE, RoHS, UL/CSA, FCC, Fogra

STANDARD CONFIGURATION

Feeding	Unwinder, Web Cleaner, Web Guide
Finishing	Integrated Cutter with High Capacity Stacker, Bleed Edge Trimmers
Stack height	4000 sheets
Estimation and Reporting	IMAP cloud-based ink estimation. Integrated ink usage monitoring

OPTIONS

Productivity	Up to 48 mpm / 157 fpm. Speed Boost option enables up to 64 mpm / 210 fpm Empty While Run for continuous productivity
Finishing	Inline Dynamic Perforator with 100 mm cross perforation repeat, CRM bar code reader Optional: Upgrade to 50 mm cross perf repeat, up to four linear perfs, 2D bar code reader
Dual High Capacity Stacker	Optional: Dual cylinder configuration enabling 25 mm cross perf repeat Second stacker enables an additional 4000 sheets of stacked output inline

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