

READY. JET. GO.

TAKE OFF WITH HIGH-QUALITY INKJET APPLICATIONS

Are you ready to accelerate in the high-quality inkjet applications market? Now you can with the varioPRINT iX1700 digital sheetfed inkjet press. The varioPRINT iX1700 offers exceptional image quality and broad media versatility, combined with efficient production, speed, and cost-effective operation.

Canon's innovative Qualinx technology ensures consistent results, fast turnaround, and sustainability-focused design, making it ideal for short-run, variable jobs.

The varioPRINT iX1700 is your gateway into the value potential of inkjet. From Canon, the global market leader in production sheetfed inkjet printing.

varioPRINT iX1700

Sheetfed inkjet press



HIGH PRODUCTIVITY AND EFFICIENCY

- Fast printing speeds of up to 170 A4 ipm and 83 SRA3 ipm
- Reliable paper transport technologies
- Tight registration and repeatability with built-in monitoring
- Strengthen system uptime with automatic head cleaning and enhanced operator maintenance

STUNNING IMAGE QUALITY

- Durable, high-definition Canon-developed printheads
- 2400 x 1200 dpi printing
- Long-life and stabilization technologies for optimal continuous printhead and nozzle performance
- High density, wide gamut water-based ink and ColorGrip conditioning liquid

IMPRESSIVE VERSATILITY

- Wide media support with media weights up to 450 gsm and media formats up to 364 x 660 mm
- Substrates range from uncoated, coated to rough paper
- Versatile applications from flyers, brochures, postcards, books to long sheet applications
- Two step drying and fixation for robust output

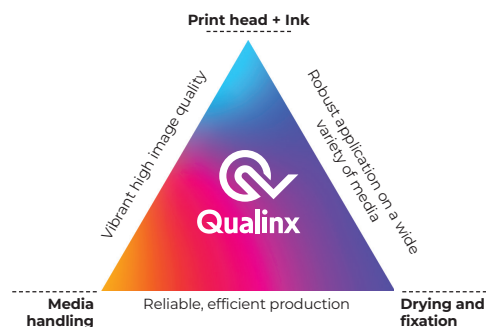
SUSTAINABLE DESIGN

- Prints with high deinkability thanks to water-based polymer pigment ink
- No ozone emissions
- Print-on-demand is inherently efficient. Print only what is needed

Qualinx inkjet technology allows high-speed printing with outstanding colours and razor-sharp detail. Use a wide range of media with accurate, consistent, high-quality results.

TECHNICAL SPECIFICATIONS

varioPRINT iX1700



TECHNOLOGY	
Print Technology	Inkjet, Drop-on-demand, Thermal Qualinx technology
Ink	Proprietary polymer pigment water-based varioPRINT iX1700 inks
Print Speed ≤ 352 gsm	170 A4 simplex and duplex images per minute
≥ 353 gsm	95 A4 simplex and duplex images per minute
Recommended monthly average volume	300.000 - 2.000.000 A4 images per month
Resolution	2400 x 1200 dpi
PAPER	
Paper Weight	Uncoated: 50 - 450 gsm Coated: 65 - 450 gsm
Paper Thickness	max 630 microns
Substrates	Commodity coated and uncoated papers
Minimum Configuration	1 Paper Input Module (PIM) 1 High Capacity Stacker (STM)
Paper Sizes	203 x 203 mm - 364 x 660 mm
PAPER INPUT MODULE (PIM)	
Technology	Dual front and rear vacuum feed, sealed paper deck conditioning and double sheet detection
Paper Trays	3 x 1,700 sheets any supported media size
Standard Paper Capacity	5,100 sheets any supported media size
Maximum Paper Capacity	15,300 sheets any supported media size with 3 Paper input Modules
Paper Size	203 x 203 mm - 364 x 660 mm Standard sizes: SRA3S, A3S, A4L, A4S, B4L, B4S, B3S, 14" x 20"S, 13" x 19"S, 12" x 18"S, 11" x 17"S, LGLS, LTRL, LTRS, 8KS, LGLL, SRA4L, SRA4S
Dimensions (WxDxH)	1275 x 1064 x 1260 mm
Weight	620 kg
Power supply	220-240V, 50/60Hz, 13A
Optional	2 additional Paper Input Modules
HIGH CAPACITY STACKER (STM)	
Standard Stacking capacity	3,500 sheets (80 gsm) + 200 sheets top tray
Maximum Stacking capacity	10,500 sheets (80 gsm) + 600 sheets top tray with 3 High Capacity Stacker
Dimensions (WxDxH)	975 x 870 x 1,150 mm
Weight	Empty 290 kg
Equipment	Stacking Dolly
Power supply	EU: 220-240V, 50/60Hz, 13A
Optional	2 additional High Capacity Stackers

PRISMAsync CONTROLLER	
Network Connectivity	10/100/1000 Base T, TCP/IP, static/auto IP(DHCP), IPV4, IPV6, NTP, IPsec, IEEE801.x
Page Description Languages	Adobe Postscript Level 3, PDF 2.0, PDF/X, PPML 2.0 PPML 2.2, PDF/VT level 1, IPDS*, IPDS IS/3, IPDS GA
Job Submission	LPR, Hot folders via SMB, Hot folders via WebDav, Socket(streaming), Native JDF/JMF(CIP4 certified), Extended JMF Device capabilities, Secure PDL URLs supported in JDF, Secure PDL URLs supported in JMF, IPP 2.0 Secure IPP(HTTPS), USB stick, JMF over HTTPS
Protocols	SNMP v1, SNMP v3, Host Resources MIB, MIB II, Printer MIB, Job Monitoring MIB, Job Management MIB (partially), IEEE 802.1x
Spot Color Libraries	PANTONE+ Solid (Coated & Uncoated), PANTONE GOE (Coated & Uncoated), HKS (K,N), HKS (K,N) 3000+ PANTONE+ Solid 336 New (Coated & Uncoated)
Processor speed	6 cores (12 threads) @ 3.2 GHz
Control panel	21.5" operator panel with capacitive touch technology
Dimensions	Control panel: 529 x 40 x 325 mm Controller: 200 x 430 x 420 mm
Weight	Control panel: 5.8 kg (9.6 kg with stand) Controller: 18 kg
Power supply	100-240V AC, 50-60 Hz
CONNECTION REQUIREMENTS**	
Connection Fuse	Three-phase: 220 - 240 V, 50/60 Hz, 60A Single-phase: 220 - 240 V, 50/60 Hz, 13A
Average Power Consumption-Printing	14.2 kW
Average Power Consumption-Stand by	7.0 kW
Power Consumption-Sleep	0.05 kW
ENVIRONMENTAL	
Temperature	Optimal range 20-27 °C
Humidity	Optimal range 30 - 60 %
Altitude	Max 1,500 m above sea level
Operating Noise	Printing 81.8 dB
PHYSICAL DATA **	
Length x Width x Height	8,780 x 1,130 x 2,335 mm
Weight	Approximately 3,950 kg

* IPDS in 600 dpi

** Connection requirements and physical data are provided for minimum configuration which includes one Paper Input Module and one High Capacity Stacker

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