

varioPRINT iX1700
Sheetfed inkjet press



**READY.
JET. GO.**

Take off with high-quality
inkjet applications.

Canon



varioPRINT iX1700

The next generation of high-quality sheetfed inkjet technology.



QUALITY

2400 x 1200 dpi

with high-definition printhead



SPEED

Up to 170 A4 ipm /
83 SRA3 ipm



MEDIA FORMAT

Up to 364 x 660 mm

from any tray



MEDIA WEIGHT

Up to 450 gsm

coated/uncoated



SUSTAINABILITY

No Ozone

emitted during operation

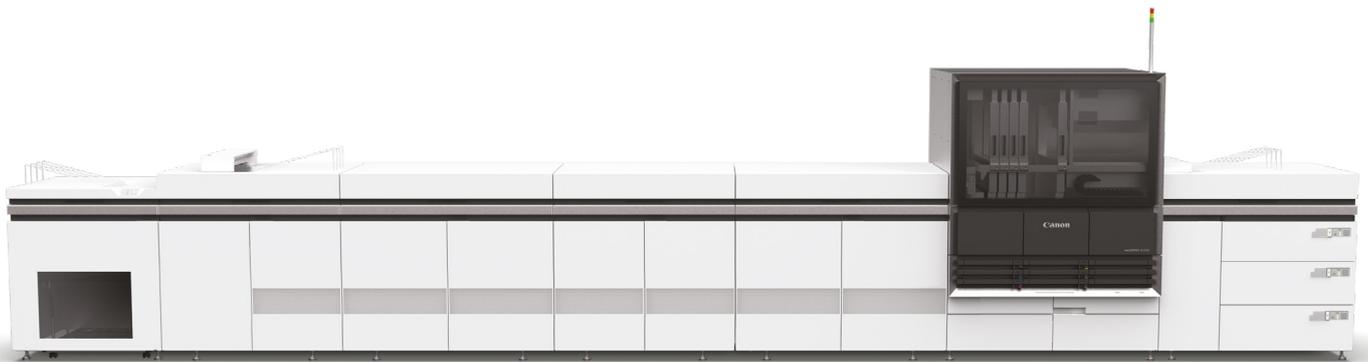
READY. JET. GO.

Powered by innovative Qualinx technologies that can take your print business to the next level.

A proven leader in inkjet innovation.

For more than a decade, Canon has led the evolution of inkjet printing, revolutionising the production printing business. Our experience and expertise have made us the global leader in this rapidly growing market.

The varioPRINT iX1700 provides exceptional image quality, versatile media support, and efficient operation. Take advantage of inkjet productivity and performance to help create more opportunities for your print business.



Stunning image quality

Durable, high-definition Canon-developed printheads.

High-density, wide gamut water-based ink and ColorGrip conditioning liquid.

Long-life and stabilisation technologies for optimal continuous printhead and nozzle performance.



High efficiency and productivity

Intelligent straight paper path for reliable paper transport.

Tight registration and repeatability with built-in monitoring.

Strengthen system uptime with automatic head cleaning and enhanced operator maintenance.

Efficient press operations with PRISMA tools.



Impressive versatility

Substrates range from uncoated, coated, to very rough paper.

Advanced two-step drying and fixation for robust output.

Flexibility to produce a variety of applications, such as high-class brochures and premium direct mail.



Sustainable design

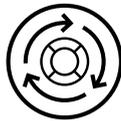
Output has high deinkability thanks to water-based polymer pigment ink.

No ozone emissions during operation.

Print-on-demand is inherently efficient – print only what is needed.

STUNNING COLOUR. COUNTLESS APPLICATIONS.

Canon sheetfed inkjet printing produces images that rival offset printing on a diverse range of media types.



Jet thousands of consistently high-quality prints.

Print robust, repeatable colours with razor-sharp detail and smooth gradients – with less operator intervention.

The varioPRINT iX1700 uses cutting-edge Canon printing technology to produce high-quality, durable printing, consistently and accurately.

Durable high-definition printhead technology enables high print quality, with **Face Guard** nozzle protection and added printhead lifetime and stabilisation technologies.

High-density, water-based ink combined with ColorGrip conditioning liquid extends the range of applications and delivers rich, vibrant colours on a wide variety of substrates. Whether printing on coated, uncoated, textured, or structured media, the varioPRINT iX1700 can handle a wide range of jobs to help expand your print offering.

The **automatic registration correction unit** achieves high registration accuracy, providing crucial print positioning for duplex jobs, and helps to enrich overall image quality.



Expand your range of high-quality print applications.

Unleash your print capabilities – from high-quality brochures and catalogues, to books and magazines, to premium direct mail – printed on a vast selection of coated, uncoated, textured, or structured media.



Catalogs



Pamphlets & Flyers



Brochures



Magazines



Direct Mail



Postcards



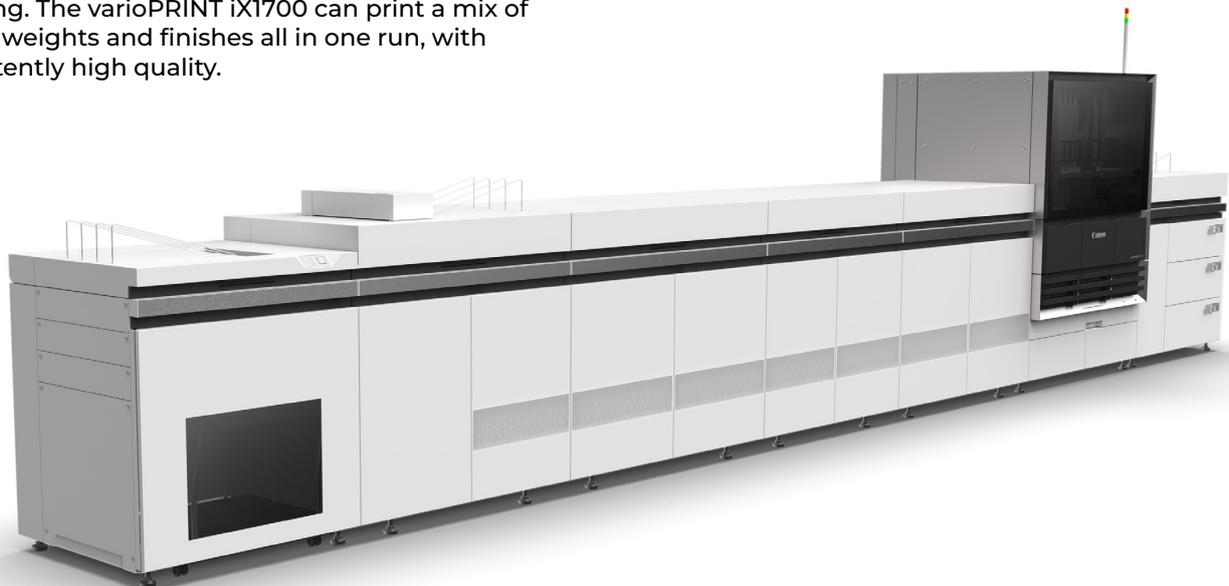
Books



Light Packaging

SUPPORTS A WIDE MEDIA RANGE

Success in commercial printing means printing right application at the right level of quality. This demands a wide range of media types, supported by the right finishing. The varioPRINT iX1700 can print a mix of media weights and finishes all in one run, with consistently high quality.



Support for thin and thick paper on a range of matte, gloss, and textured finishes empowers you to confidently handle a range of printing projects.

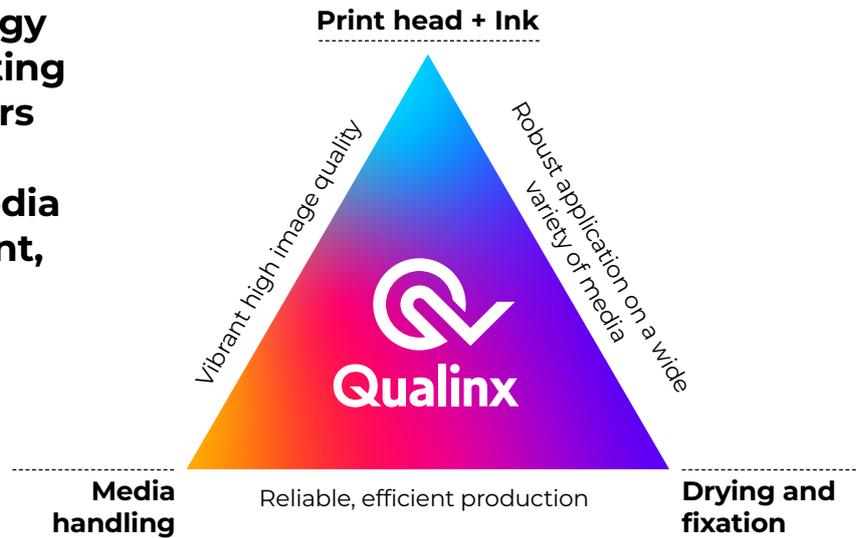
Large sheet size supports up to 364 x 660 mm size media, expanding the possibilities for jobs outside of standard B3 limitations.

The **distinctive straight paper path** contributes to press reliability and allows support for a wide range of media weights, up to 450 gsm.

The varioPRINT iX1700 produces **highly robust prints** due to its innovative two-step drying and fusing technology.

PUT OUR TECHNOLOGY TO WORK FOR YOU.

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.

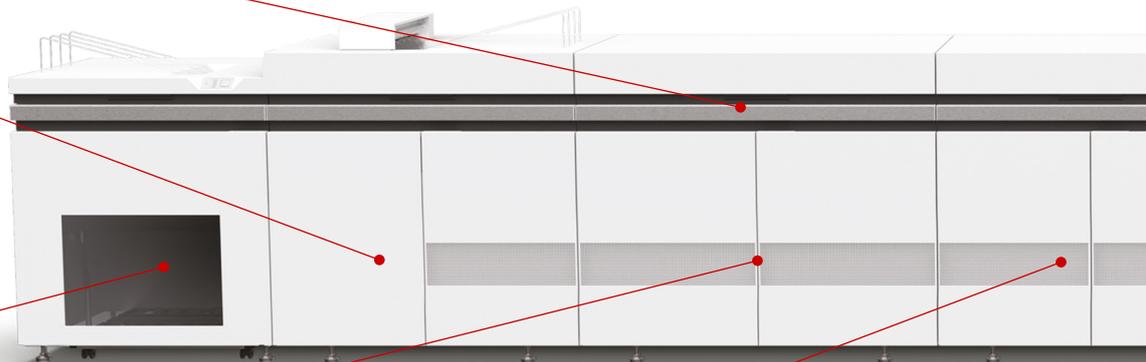


Press indicator lights

The intuitive system of LED lights allows operators to quickly see the status of ink, paper, and waste.

Operator maintenance system

Onboard operator maintenance and remote service systems provide support for a quick response.



High capacity stacker

The large high-capacity paper deck holds up to 3,500 sheets and 200 sheets on the top tray. A built-in dolly makes it easy to roll away finished prints.

Cooling module

Cooling packs rapidly bring down paper temperature for easier paper handling and stacking.

Qualinx fixation technology

Fixing module

An innovative closed heating system melts the polymers for a robust ink layer and immediate finishing.

Qualinx printhead innovation

High-definition printhead

Exclusive Canon technology delivers a resolution of 2400 x 1200 dpi with outstanding stability and consistency.

Qualinx printhead innovation

Ink circulation system

Printheads are equipped with a built-in ink circulation path that keeps ink flowing for high image quality and stable operation.

Qualinx ink innovation

High-density water-based ink

Water-based inks with a proprietary formulation enable stunning image quality.

Qualinx ink innovation

ColorGrip conditioning liquid

ColorGrip selectively pre-treats the media surface, ensuring ink droplets remain crisp for sharp text and vibrant colour.



PRISMAsync print server

Consolidate control of your production workload into a single hub, monitoring and controlling all jobs from a single, intuitive interface.

Qualinx printhead innovation

Nozzle check and adjustment system

An onboard sensor automatically detects clogged nozzles and corrects itself during a print run.

Attention light

The LED attention light displays the press status throughout the duration of the run.

Qualinx media handling

Sheet control and passive conditioning

Onboard multi-sheet detection with a dedicated purge tray helps to minimise interruption of print runs. Passive conditioning of the substrates thanks to a sealed paper deck.

Qualinx media handling

Paper input module

The standard 5,100-sheet capacity allows for all supported media types in any tray. Even 364x660mm long media is fed reliably into the paper path thanks to dual front and rear vacuum feed¹.

Qualinx drying technology

Drying module

Hot air is applied to the sheet to evaporate water from the ink and helps prevent paper distortion.

Qualinx media handling

Straight paper path

A distinctive straight path reduces paper stress, enabling support for a wide range of media, from 50 to 450 gsm².

Qualinx print innovation

Registration correction unit

A multi-point registration skew and alignment mechanism helps centre, time and position the sheet correctly for imaging, achieving front-to-back accuracy.

¹ Optional expanded PIM and stacker configurations with additional capacity are available.

² 50 gsm weights support uncoated media only.

YOUR STRAIGHT PATH TO GET MORE DONE IN LESS TIME.

Canon core technologies combined with innovative inkjet features are designed with reliability in mind, helping to keep presses up and running.

More output means more business.

The varioPRINT iX1700 delivers reliability, productivity, and high system uptime that today's printers need for fast, dependable, and easy operation.



KEEP THE PRESS RUNNING

The varioPRINT iX1700 provides print speeds of up to 170 A4 ipm and 83 SRA3 ipm. Combined with Qualinx print innovations, the press can achieve high productivity, throughput, and system uptime across even the longest of print runs.

Automatic maintenance and innovative servicing program maximize system uptime for the most efficient usage by - for instance - automatically cleaning the print nozzles, maintaining printhead health, ensuring high image quality, and reducing unexpected downtime.

Intelligent straight paper path uses proven Canon sheetfed inkjet technology to ensure reliable transport of a wide range of thin or thick media.

Multi point skew and positioning alignment mechanism ensures correct paper and print positioning.

Paper input module (PIM) offers an expanded 5,100-sheet capacity, and includes front and rear dual vacuum-feeding with air separation that allows for stable paper feeding, even with larger, longer paper sizes.

Passive paper conditioning provides additional paper stability and helps to avoid unwanted paper curling or deformity due to fluctuating temperature and moisture levels in the press room.

Multi-sheet detection sensors are built into each paper drawer. They automatically remove and discharge any misfed paper before continuing the print run, reducing the operator's time and effort.

Rigid welded steel frame provides added strength and stability while suppressing vibration during transport and daily operation, ensuring press longevity.



SUPPORT FOR YOUR SUSTAINABLE BUSINESS INITIATIVES

Today, sustainable business practices are critical for commercial printers. Caring for our environment and finite resources is a cornerstone of responsible business. Print buyers are increasingly interested in sustainable products too, and are concerned about the sustainability of their suppliers.

The varioPRINT iX1700 is produced by Canon, a leader in circular design philosophy, to help you minimise your business footprint. It's based on a robust design, made for a long user lifetime and designed to minimise environmental impacts.

The design behind sustainable business support



Prints with high deinkability thanks to water-based polymer pigment ink



Print-on-demand is inherently efficient as you can print only what is needed



No hazardous ingredients in the ink



No ozone emissions

MORE PRINTING. LESS EFFORT.

Robust, reliable, and highly automated, the varioPRINT iX1700 keeps on producing high volume output at a consistently high quality.



Do more with a press that needs you less.

The varioPRINT iX1700 includes powerful automation technology that works with our PRISMA suite of workflow solutions to minimise operator time on repetitive tasks.

MANAGE PRINT WORKFLOWS SEAMLESSLY

Canon's comprehensive workflow software helps streamline and automate print operations with easy-to-use, professional colour and media management.

PRISMAsync is a print server that can consolidate control of your production workload into a single hub. Easily monitor and control simple or complex jobs from a single, intuitive interface.

PRISMAsync Remote Manager lets you monitor multiple presses, edit job properties, manipulate colour curves, manage queues, and submit and reroute print jobs – from any web browser or PC.

PRISMAlytics Dashboard puts recorded press data at your fingertips. This helps reduce turnaround time, waste, and costs by giving you access to detailed information on your usage, production, and consumption.

IMPROVE UPTIME WITH PROACTIVE SERVICE

Employ an automated workflow that self-monitors the press during operation, allowing for upfront optimisation with scheduler tools and self-service support.

Service programmes offer multiple levels of operator-trained maintenance in addition to remote service support for quick response. Operators can conduct maintenance with smart service and built-in engine functionalities.

Removable parts allow operators to quickly and easily maintain the press without the help of a service technician.

Continuous run printing lets operators easily replace the ink pack and media, remove waste ink and cleaning solution, and more without interrupting the print run.

Shape the future with Canon.

Unlock endless possibilities with Canon sheetfed inkjet. Discover the ways Canon can offer unrivalled industry expertise and support, enabling cutting-edge production solutions that can help grow your business.

Grow your print business.

Canon launched the first sheetfed inkjet press, adding it to our broad production printing portfolio. Since then, our experts have worked alongside hundreds of different customers around the globe, ensuring they are primed for growth.

Our unwavering passion and expertise were key to combining the speed and reliability of inkjet with the quality and versatility of sheetfed. That's how we continue to pioneer the market with our customers.

Thanks to our broad production printing portfolio, we have a solution for all of your production print requirements to help inspire your customers, improve your productivity, and enrich your offering. Our vision, realised through innovative technological advances, can help create a brighter future for your business.

BUILT WITH OPERATORS IN MIND

The functional design of the varioPRINT iX1700 adds to its productivity – saving your operators valuable time and labour.

Attention light and LED status indicators, placed along the front of the unit, allow operators to easily and intuitively identify press status, including ink and paper supply, discharge, and misfeed locations, without having to check the UI screen.

Transparent engine door allows operators to visually check the printing status of a job at any point during a run, and provides an easy way to ensure the press is running properly, even at a distance.

Front accessible module doors allow for easy operation and maintenance.



varioPRINT iX1700

KEY SPECIFICATIONS

Print speed	A4	Up to 170 ipm
	SRA3	Up to 83 ipm
	B3	Up to 73 ipm
Print resolution		2400 x 1200 dpi
Paper capacity	Standard	Up to 5,100 any supported format
	Maximum ¹	Up to 15,300 sheets
Paper size		203 x 203 mm to 364 x 660 mm
Paper weight		50 - 450 gsm uncoated substrate
		65 - 450 gsm coated substrate
Print Server		PRISMAsync

¹ Optional feeding units required.



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The Canon logo, consisting of the word "Canon" in a bold, red, sans-serif font.