

# EXPERIENCE iX MORE PROFIT iX MORE BUSINESS

varioPRINT iX-series  
Sheetfed inkjet press



**Canon**

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# EXPERIENCE

The varioPRINT iX-series revolutionises the commercial printing business experience. It combines stunning image quality and a wide media range with the high productivity and attractive cost-efficiency of inkjet. So commercial printers can say “Yes” to virtually any job, based on the agreed turnaround time and price, then print it for more profit and more business.



## **Proven Canon experience**

As the global market leader in sheetfed inkjet, no vendor offers more experience in this segment than Canon. So commercial printers can invest with confidence to expand their profit and business! Experience iX!

# PROFIT FROM A NEW EXPERIENCE IN SHEETFED INKJET PRINTING

## Experience highest productivity, throughput and uptime

- More than 9000 SRA3 images per hour or 320 A4 ipm
- Over 90% average uptime

## Experience high application versatility

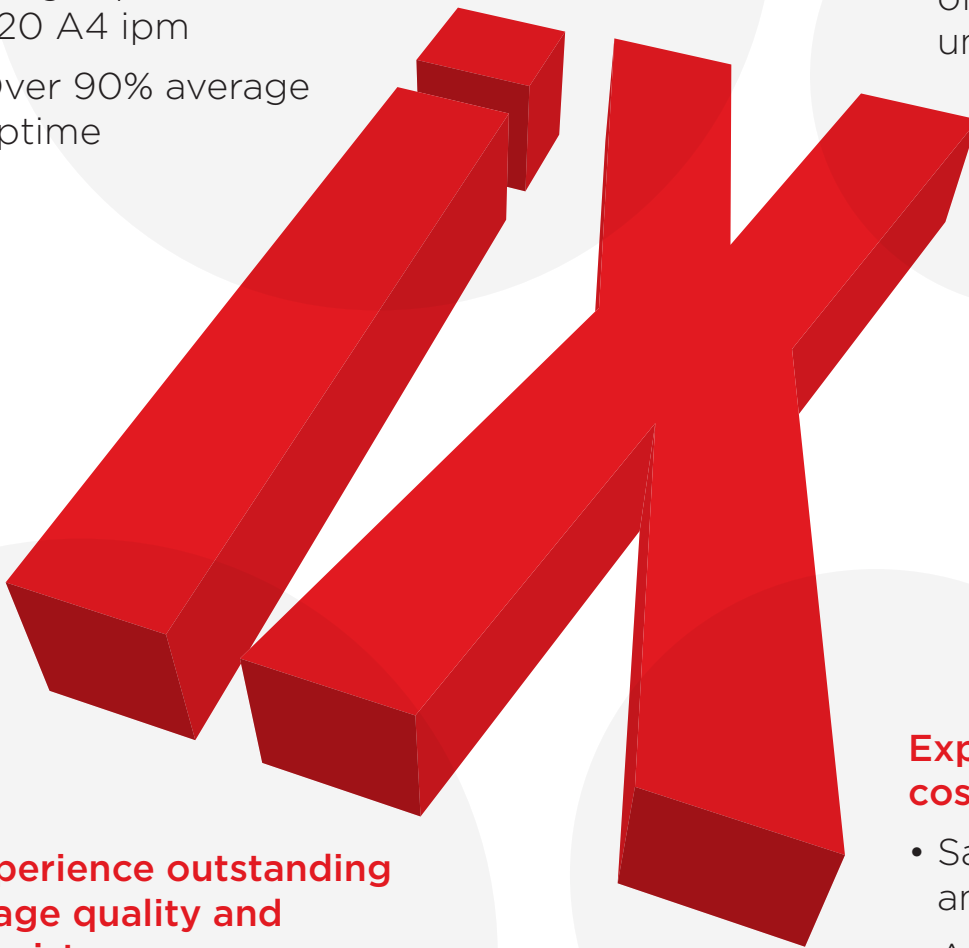
- Wide media range
- Up to 350 gsm on offset coated and uncoated paper

## Experience outstanding image quality and consistency

- Innovative printheads and image processing
- High-end nozzle technologies

## Experience promising cost efficiency

- Savings in labour and processing costs
- Attractive running costs



# EXPERIENCE PRODUCTIVITY

# iX



## Do more in less time

Based on proven iQuarius<sup>ix</sup> technology, the varioPRINT iX-series offers high uptime, reliability and productivity to produce more in less time. It is ideal for general commercial printers who need predictive and fast production with minimal calibration and time-intensive set ups. It delivers maximum output and more business.

## Seamless workflow integration

Powered by the PRISMAsync controller, the varioPRINT iX-series can be seamlessly integrated into a variety of workflows - for maximum productivity.

- More than 9000 SRA3 images per hour and 320 A4 images per minute\*
- First-time-right document delivery
- High-end PRISMAsync controller with eight hours plan-ahead production
- Over 90% uptime
- All-in-one print platform with end-to-end automated workflow
- Minimum job set-up time without daily calibration
- Up to 3 hours without paper loading thanks to maximum 23,400 A4 or 13,500 sheets any format paper input capacity

\*varioPRINT iX3200 prints 320 A4 ipm, varioPRINT iX2100 prints 210 A4 ipm



# EXPERIENCE COST EFFICIENCY



## Get excellent return on investment

The varioPRINT iX-series excels in cost efficient operation. How do attractive running costs sound? How do savings in labour and operations sound? Experience the varioPRINT iX-series and enjoy more profit.



## Running costs

The varioPRINT iX-series was designed to keep running costs low. Its hardware has pinpoint accuracy, reducing misprints and waste. It is highly efficient in ink and power use. And it can print on commodity coated and uncoated stocks, so commercial printers can make the cost-efficient media choice.



## Labour costs

Let operators do more with a production press that needs them less. The varioPRINT iX-series is robust, reliable and highly automated, requiring no daily calibration or maintenance to keep producing tremendous numbers of prints with consistent quality.

- Attractive running costs
- More than 2x more productive than B3 toner presses
- High automation and with minimal operator intervention
- Extremely robust and reliable, with uptime exceeding 90%

# EXPERIENCE PROVEN TECHNOLOGY

With the varioPRINT iX-series, Canon launches iQuarius<sup>ix</sup>, the next generation of this proven technology.

iQuarius<sup>ix</sup> technology makes ink work great on paper. It makes it possible to handle a wide range of media and to print at incredibly high speeds while retaining razor-sharp details, outstanding colour and a perfectly flat finish.

iQuarius<sup>ix</sup> is based on 4 technology innovations:

**iQuarius<sup>ix</sup>  
Quality control**

For consistent quality on all applications

**iQuarius<sup>ix</sup>  
Ink innovation**

For superior quality on a wide range of media



**iQuarius<sup>ix</sup>  
Drying technology**

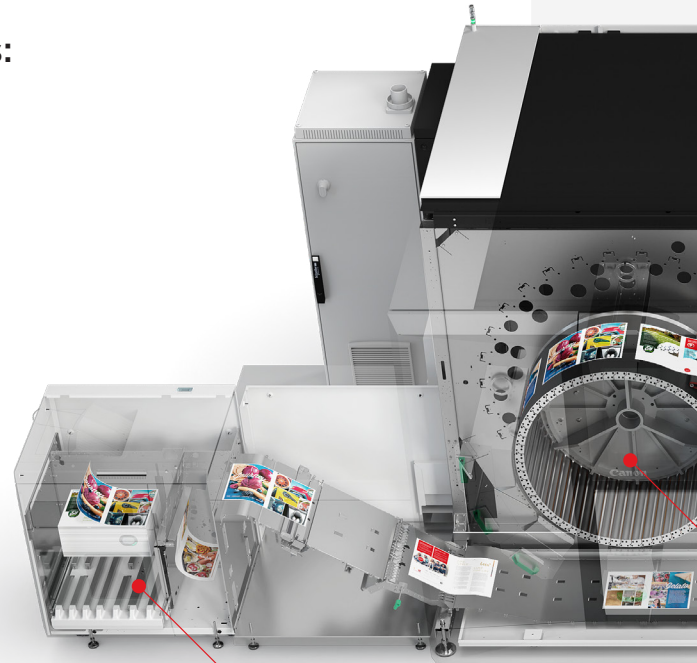
For a robust end result, ready for post-processing

**iQuarius<sup>ix</sup>  
Media transport**

For reliable and accurate, non-stop operations and handling of all media

**Stack and finish**

Straight stack delivery ready for processing. Online connection to finishers for end-to-end automated workflows



**iQuarius<sup>IX</sup> Quality control**  
**Nozzle activity control**

Automatically detects and corrects nozzle failure or misfiring in near real-time

**iQuarius<sup>IX</sup> Quality control**  
**Nozzle uniformity control**

Controls individual nozzles to ensure consistently high, smooth print quality

**iQuarius<sup>IX</sup> Quality control**  
**True 1200 dpi print process**

Co-developed 1200 dpi printheads optimised for use in iX-series and true 1200 dpi image processing

**iQuarius<sup>IX</sup> Ink innovation**  
**iX performance ink**

Water-based inks with a proprietary formulation for excellent image quality and robustness on many different media types

**iQuarius<sup>IX</sup> Ink innovation**  
**Next generation ColorGrip**

Special formulation for great adhesion and performance of the water-based iX inks on a wide media range

**Paper input modules**

Climate-controlled and vacuum-fed paper input modules supporting all media from all trays

**iQuarius<sup>IX</sup> Drying technology**  
**Drying system drum**

First drying step. Hot air impingement evaporates water from the ink on the print

**iQuarius<sup>IX</sup> Drying technology**  
**Post-fixation unit with InkFusion technology**

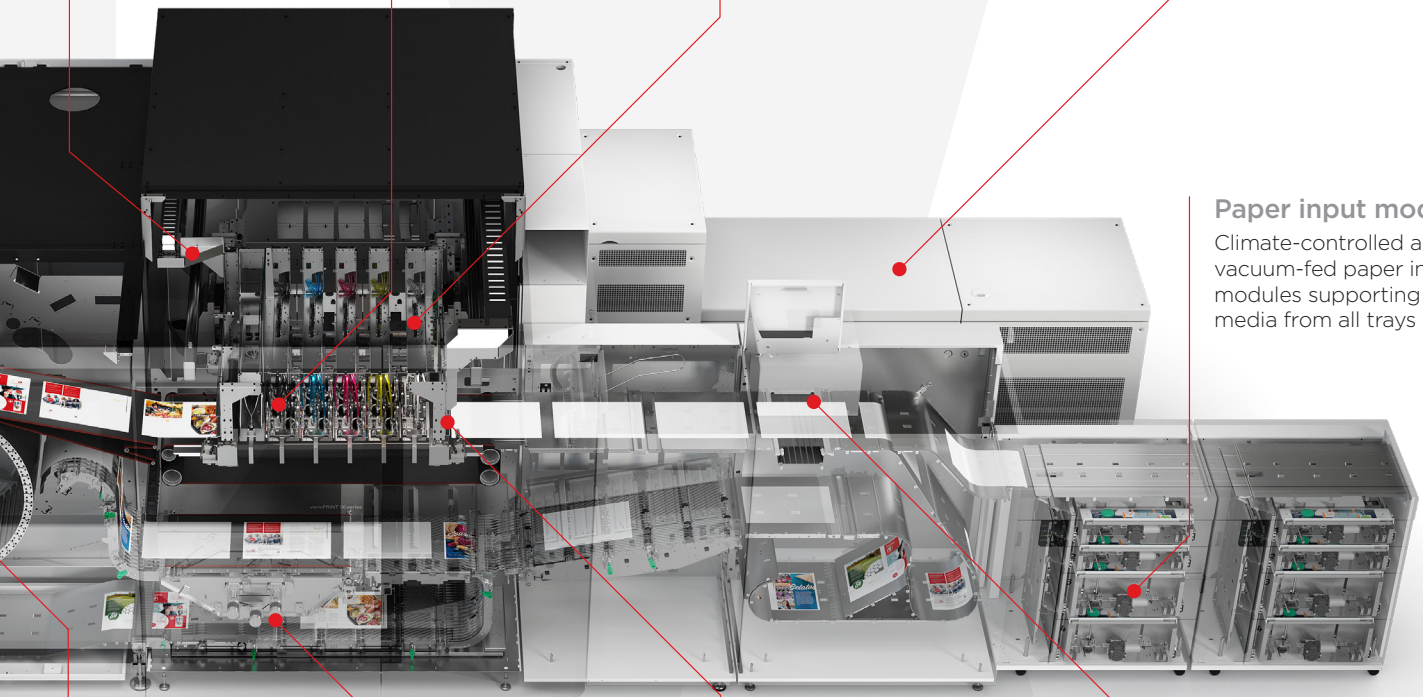
Second drying step. Heat with humidification for robust ink layer so prints can be cut, stitched, perforated and folded without issue

**iQuarius<sup>IX</sup> Media transport**  
**Precision sheet control**

Seamless stainless steel belt with small perforated holes and air suction accurately positions and transports sheets at high speed. Enables combination of papers and outstanding registration

**iQuarius<sup>IX</sup> Media transport**  
**Sheet entry control**

Sheets with deformations automatically detected and discarded before entering the print process





# EXPERIENCE QUALITY EXCELLENCE

## Make stunning applications

Thanks to many iQuarius<sup>ix</sup> innovations, the varioPRINT iX-series print quality rivals any other established print technology. It prints coated and uncoated media up to 350 gsm, with consistently high quality. With the varioPRINT iX-series, you experience:

- Vibrant colours
- Superb skin tones
- Razor-sharp fine text and line detail
- Smooth gradients

## Quality across runs, machines and time

- Innovative printheads and image processing technology
- Intelligent nozzle activity and uniformity control
- Print environment optimisation and ink conditioning for optimal printing performance
- Proprietary polymer pigment water-based performance iX ink and ColorGrip
- High registration accuracy
- Advanced colour management



# EXPERIENCE

# APPLICATION

# VERSATILITY

## A wide range of media

In commercial printing, it's all about delivering the right application in the right quality. That demands a wide range of media supported by the right finishing. That's what you get with the varioPRINT iX-series, for a mix of printing stock of various weight and colour all in one run.

Thanks to the innovative iQuarius<sup>ix</sup> media transport and drying system with InkFusion technology, prints are delivered ready for your inline finishing for the ready-to-go application of your choice.

- Offset coated media from 90 to 350 gsm
- Uncoated media from 60 to 350 gsm
- Variety of media with matte, silk and gloss surfaces
- Consolidated mono and colour printing
- Mixed media during a run
- Wide choice of online connected finishing with open DFD interface



Catalogues



Collaterals



Books



Magazines



Manuals



Premium direct mail



Postcards



Transactional documents



# EXPERIENCE SERVICE INNOVATION

## **For the highest uptime and machine availability**

Proactive service of the varioPRINT iX-series is a data-driven service concept, using sophisticated data analysis to increase the uptime of each press. It significantly reduces service visits and allows proactively scheduled visits at the most convenient time.

## **Usage and condition based maintenance**

The printer indicates how many prints have been made since the last service moment and data analysis algorithms detect whether one of the device's subsystems are showing signs of wear. So Canon Service can schedule the next appointment at the most convenient time for the user.

## **Better corrective maintenance**

If a part should ever break, Remote Diagnostic Systems increase the efficiency of service visits. The machine data help Canon technicians prepare before they visit, so they have all the right parts and cleaning agents at hand.



# EXPERIENCE SUSTAINABILITY

## Care for our planet

From hardware to inks to media, the varioPRINT iX-series is developed with the environment and the future in mind.

## Environmentally friendly inks

No warning labels will be found on our ink bottles. The water-based iX inks deliver odourless prints and no hazardous disposables for minimal environmental impact – indoors and outdoors.

## Paper recycling

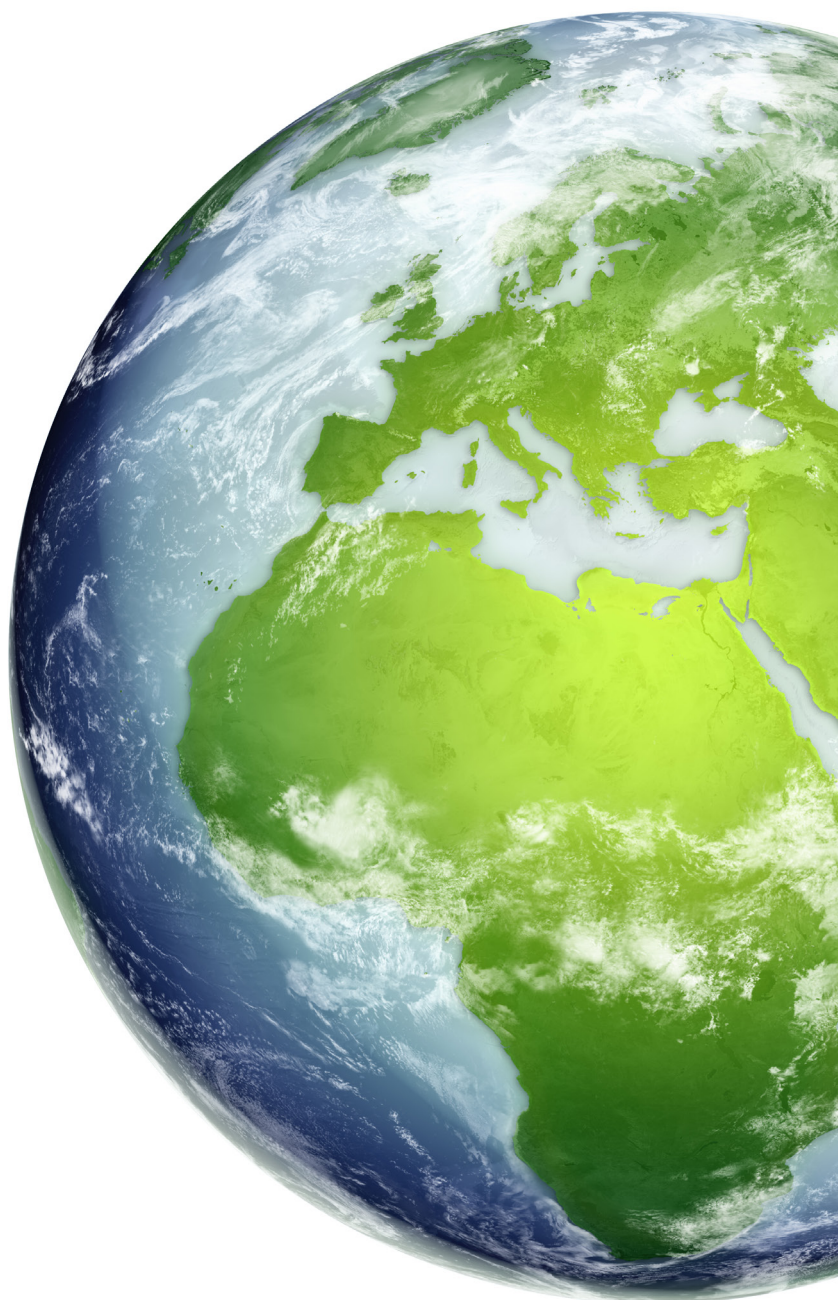
Because the water-based iX inks have an excellent de-inkability score, the varioPRINT iX-series printer contributes to better paper recycling.

## Reduced inventory

With on-demand printing of books, personalised letters, postcards, leaflets and other collateral, waste through obsolescence is eliminated.

## No ozone emissions

With its sheetfed inkjet technology, the varioPRINT iX-series does not emit ozone, no matter how many millions of prints roll out the machine.





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