

**Canon**



**EXPERIENCE** **iX**  
MORE PROFIT. MORE BUSINESS.

**varioPRINT iX2100**  
**SHEETFED INKJET PRESS**

# EXPERIENCE

Since its introduction, the **varioPRINT iX2100** has revolutionized 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. 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.

**10+**  
YEARS  
CANON  
SHEETFED  
INKJET



## 10 YEARS OF EXPERIENCE, EXPERTISE, AND PASSION

Our love for sheetfed inkjet printing is built on **10 years of experience**, expertise, and passion helping our customers build their businesses with high productivity, superior quality, and digital versatility. With our strong market position and commitment to innovation, we are ready to embrace the future.

# PROFIT FROM A NEW EXPERIENCE IN SHEETFED INKJET PRINTING

## HIGH PRODUCTIVITY AND THROUGHPUT

- More than **12,300** letter images per hour at 205 letter ipm
- **6,150** letter sheets 4/4 per hour
- **3,330** 11" x 17" sheets 4/4 per hour
- **3,180** 12" x 18" sheets 4/4 per hour

## OUTSTANDING IMAGE QUALITY AND CONSISTENCY

- Innovative **1200 dpi** printheads and image processing
- Intelligent quality control with inline scanner
- Nozzle **activity** control
- Nozzle **uniformity** control



## TRUE COST EFFICIENCY

- Savings in **labor**
- Efficient operations
- Little **waste** and stock
- Competitive **running costs**
- **ROI** and highest throughput

## APPLICATION VERSATILITY

- Uncoated media 60–350 gsm
- Offset coated media 90–350 gsm
- Media format up to 14" x 20"
- **Mixed** media, quick media changes
- **Consolidated** mono and color print
- Online connected finishing

## GREEN SUSTAINABILITY

- High **deinkability**
- No **ozone**
- **No VOCs** in inks
- Minimum **waste**
- Sustainable ink and fluid **packaging**

# EXPERIENCE PRODUCTIVITY

# ix



## DO MORE IN LESS TIME

Based on proven iQuarius<sup>ix</sup> technology, the varioPRINT iX2100 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 PRISMA<sup>sync</sup> controller, the varioPRINT iX2100 can be seamlessly integrated into a variety of workflows for maximum productivity.

- More than **12,300** letter images per hour at 205 Letter ipm
- **6,150** letter sheets 4/4 per hour
- **3,330** 11" x 17" sheets 4/4 per hour
- **3,180** 12" x 18" sheets 4/4 per hour\*
- First-time-right document delivery
- High-end PRISMA<sup>sync</sup> controller with eight hours plan-ahead production
- Up to 90%\* uptime
- All-in-one print platform with end-to-end automated workflow
- Minimum job set-up time without daily calibration
- Up to three hours without paper loading thanks to maximum 23,400 letter or 13,500 sheets any format paper input capacity\*

# EXPERIENCE COST EFFICIENCY

## GET EXCELLENT RETURN ON INVESTMENT

The varioPRINT iX2100 excels in cost efficient operation. How do attractive running costs sound? How do savings in labor and operations sound? Experience the varioPRINT iX2100 and enjoy more profit.

## RUNNING COSTS

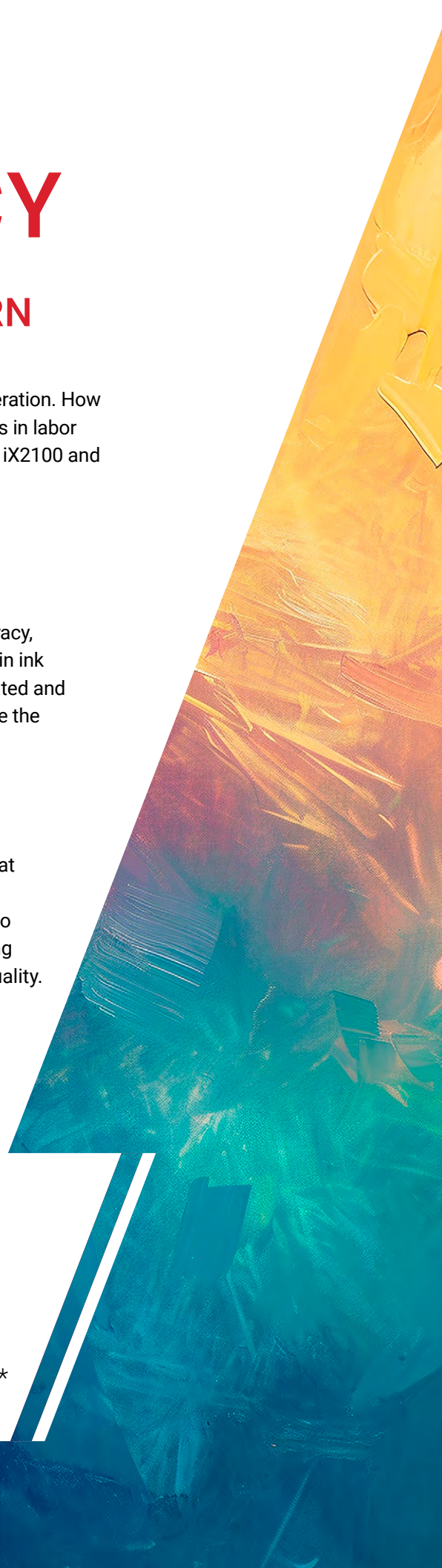
The varioPRINT iX2100 was designed to keep running costs low. Its hardware has pinpoint accuracy, reducing misprints and waste. It is highly efficient in ink and power use. And it can print on commodity coated and uncoated stocks, so commercial printers can make the cost-efficient media choice.

## LABOR COSTS

Let operators do more with a production press that needs them less. The varioPRINT iX2100 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%\*

*\*Many factors and variables can affect uptime. The actual uptime experienced by customers will be dependent on their specific circumstances and environment.*



# EXPERIENCE PROVEN TECHNOLOGY

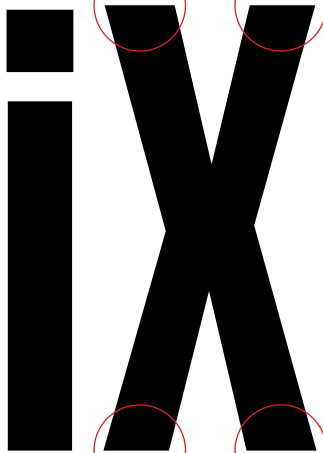
With the varioPRINT iX2100, Canon uses iQuarius<sup>ix</sup> technology, a proven compilation of innovative technologies.

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 color, and a perfectly flat finish.

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

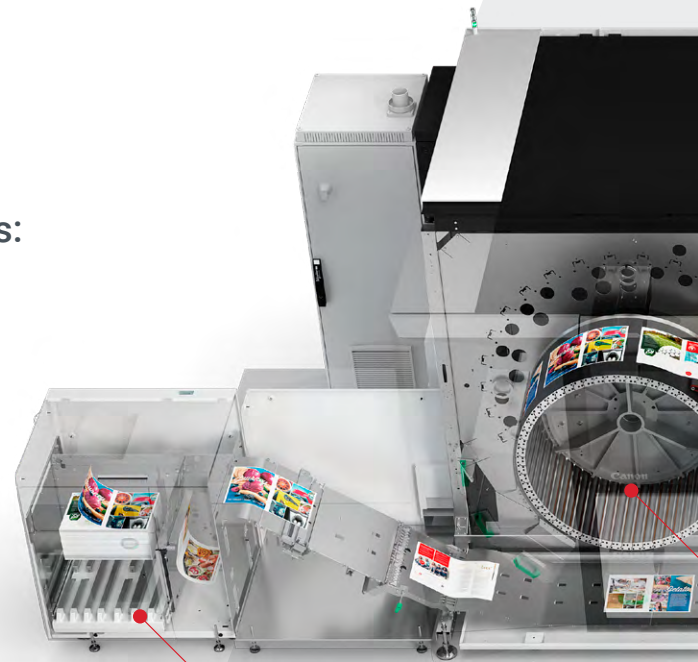
**iQuarius<sup>ix</sup>  
Quality control**  
For high and consistent  
quality

**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**

Automated mechanism for per page failing/misfiring nozzle detection with almost instant correction.

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

Dynamic control and adjustment of nozzle performance during print, to ensure consistently high, smooth print quality.

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

Native 1200 dpi print heads, innovated for use in the iX2100, supported by 1200 dpi 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**

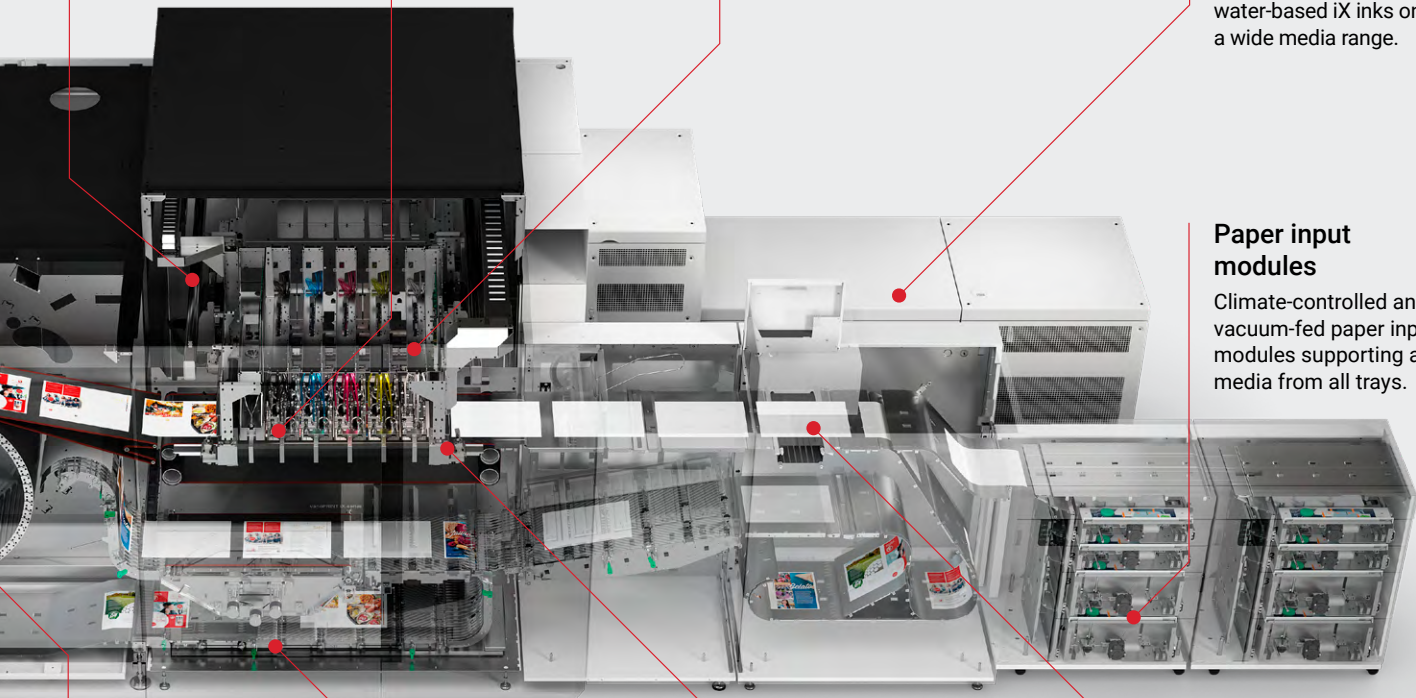
Second drying step. Heat with humidification for robust ink layer so prints can be cut, stitched, perforated and folded without issue.

**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.





## MAKE STUNNING APPLICATIONS

Thanks to many iQuarius<sup>ix</sup> innovations, the varioPRINT iX2100 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 iX2100, you experience:

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

# EXPERIENCE QUALITY EXCELLENCE

## QUALITY ACROSS RUNS, MACHINES, AND TIME

- Innovative printheads and image processing technology
- Intelligent nozzle activity and uniformity control
- Print environment optimization and ink conditioning for optimal printing performance
- Proprietary polymer pigment water-based performance iX ink and ColorGrip
- High registration accuracy
- Advanced color 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 iX2100, for a mix of printing stock of various weight and color 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 color printing
- Mixed media during a run
- Wide choice of online connected finishing



**Collateral**



**Books**



**Magazines**



**Photo print  
specialty**



**Manuals**



**Premium  
direct mail**



**Postcards**



**Transactional  
documents**



# EXPERIENCE SERVICE INNOVATION

## FOR HIGH UPTIME AND MACHINE AVAILABILITY

Proactive service of the varioPRINT iX2100 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 helps 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 iX2100 is designed to help you grow your business in a responsible way.

## ENVIRONMENTALLY FRIENDLY INKS

The water-based inks deliver odorless prints with no hazardous disposables for minimal environmental impact—indoors and outdoors. Our bag-in-a-box concept for inks and liquids helps support your sustainability initiatives.

## PAPER RECYCLING

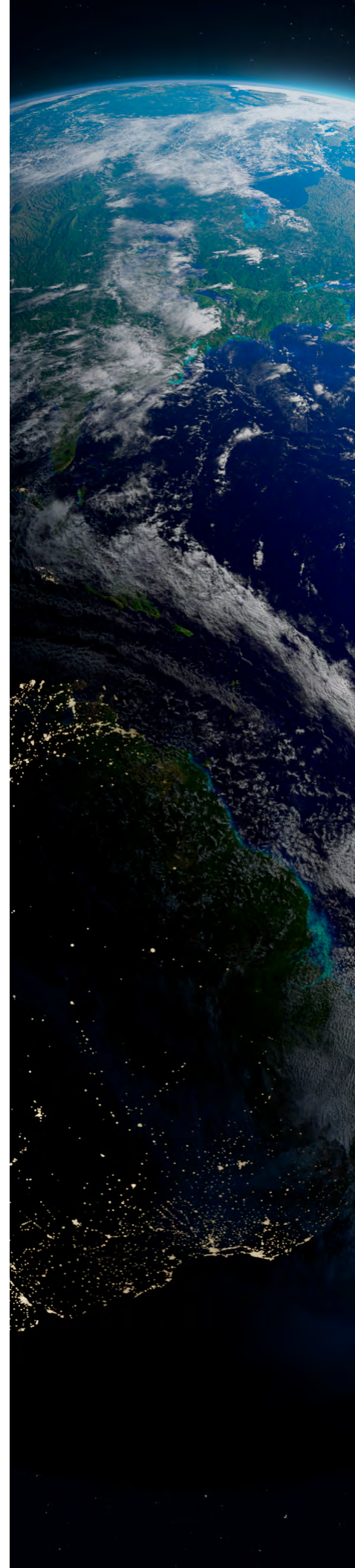
Because the water-based iX inks have an excellent de-inkability score, the varioPRINT iX2100 printer contributes to better paper recycling.

## REDUCED INVENTORY

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

## NO OZONE EMISSIONS

With its sheetfed inkjet technology, the varioPRINT iX2100 does not emit ozone, no matter how many millions of prints roll out of the machine.





**1-844-50-CANON**

[usa.canon.com/production](https://usa.canon.com/production)

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