



**EXPERIENCE**  
MORE PROFIT. MORE BUSINESS.

**iX**

## **VARIOPRINT IX-SERIES**

Sheetfed Inkjet Press

**SMART CHANGE STARTS HERE.**



# EXPERIENCE IX. MORE PROFIT. MORE BUSINESS.

Today, commercial printers are confronted with tighter deadlines, more jobs, and shorter print runs. They need to keep up, offer quality products, stay competitive, and grow their business with more applications and with value-driven applications that offer higher margins.

The varioPRINT iX-series revolutionizes the commercial printing business experience. Thanks to its stunning image quality and wide media range, commercial printers can say “Yes” to virtually any job, based on the agreed turnaround time and price. The varioPRINT iX-series allows them to print with the productivity and cost efficiency of inkjet to help increase profits and business.

A glossy brochure, a sturdy postcard, a catalog—go for it. Prepare it, personalize it, print it, and finish it with the highest image quality on a wide range of mixed media. Switch jobs quickly and efficiently. Run jobs at high speed and an attractive price.

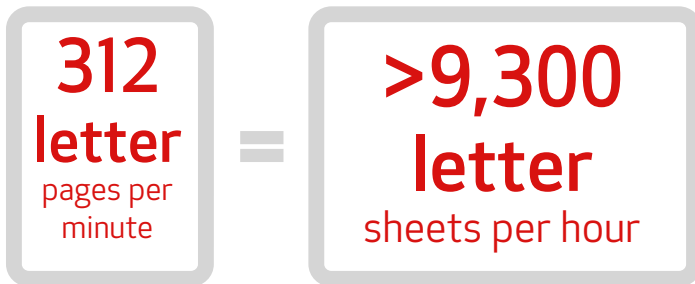
As the global market leader in sheetfed inkjet, no vendor offers more experience in this segment than Canon. So commercial printers can invest with confidence to help expand their profit and business!

**EXPERIENCE IX.  
MORE PROFIT.  
MORE BUSINESS.**



# PRODUCTIVITY

## PRINT SPEED

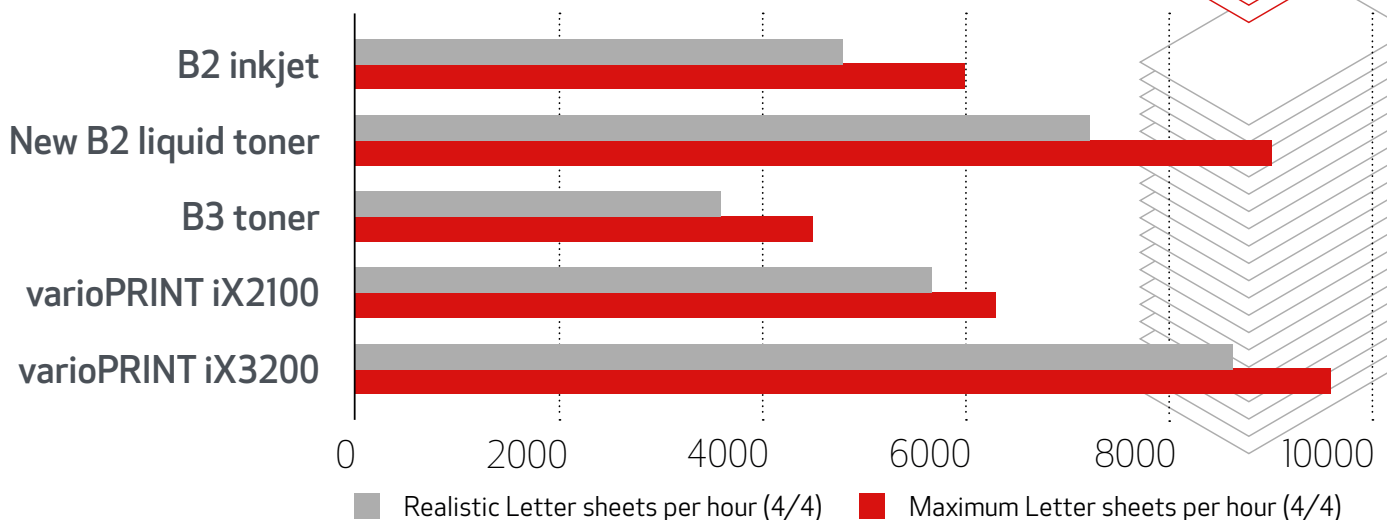
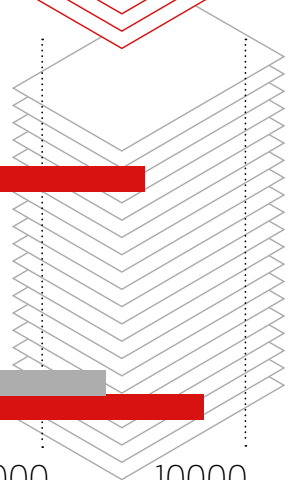


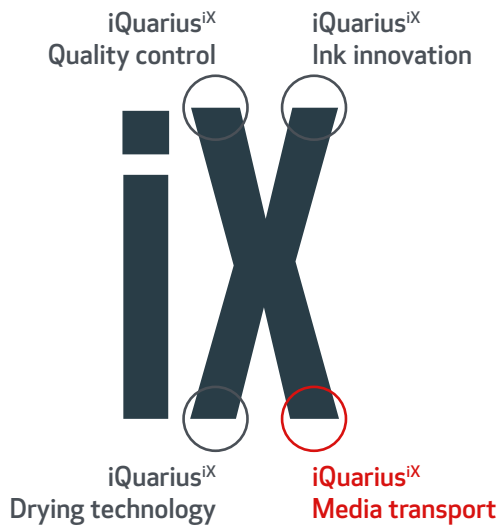
Print speed up to 312 letter images per minute. That equals more than 4,500 4 over 4 12 x 18 sheets per hour and a volume of up to **10 million letter images every month!**

Shorter runs, increasing number of jobs, less setup time between jobs! Compared to other B3 toner cutsheet presses in the market, the varioPRINT iX3200 is 2.4 times more productive. Compared to a new B2 liquid toner press it is 20 percent more productive.

2.4x  
FASTER

## FASTER TURNAROUNDS DUPLEX SHEETS LETTER 4/4 COLOR SHEETS





## IQUARIUS<sup>iX</sup> MEDIA TRANSPORT

### Precise sheet control

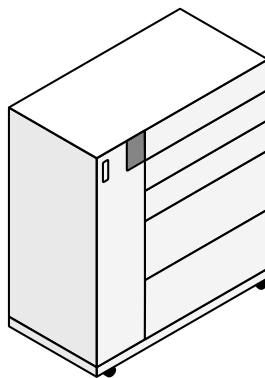
High-speed transport of diverse media needed? Precise sheet control offers precision and accurate registration through vacuum technology, positioning, and flattening the sheets on a seamless perforated stainless steel belt. The system also helps ensure a minimal print gap for the best print quality.

### Sheet entry control

Helps ensure damaged paper does not enter the printing process. Sheet entry control stands guard over the paper entry module, automatically detecting and discarding sheets with deformations—all during the run for maximum productivity.

## 13,500 SHEET PAPER INPUT CAPACITY

A paper input capacity of up to 13,500 sheets of any paper format allows more than three hours of production without paper loading. For Letter, capacity can even be up to 23,400 sheets.



## + END-TO-END AUTOMATION

- + Canon PRISMAsync controller
- + Canon PRISMA software
- + Optional inline finishing

= Increased predictability, flexibility, accelerated job turnaround with fewer errors



The varioPRINT iX-series offers unparalleled sheetfed productivity with an **average uptime of more than 94%**.

# COST EFFICIENCY

HIGH THROUGHPUT



MINIMAL LABOR REQUIREMENTS



EFFICIENT MEDIA CHOICE



EFFICIENT DIGITAL OPERATIONS



## NO WASTE

No stock = no waste!  
Print what you need  
and reprint later when  
required. Help reduce  
the excess stock,  
obsolescence, and  
waste associated with  
overproduction.



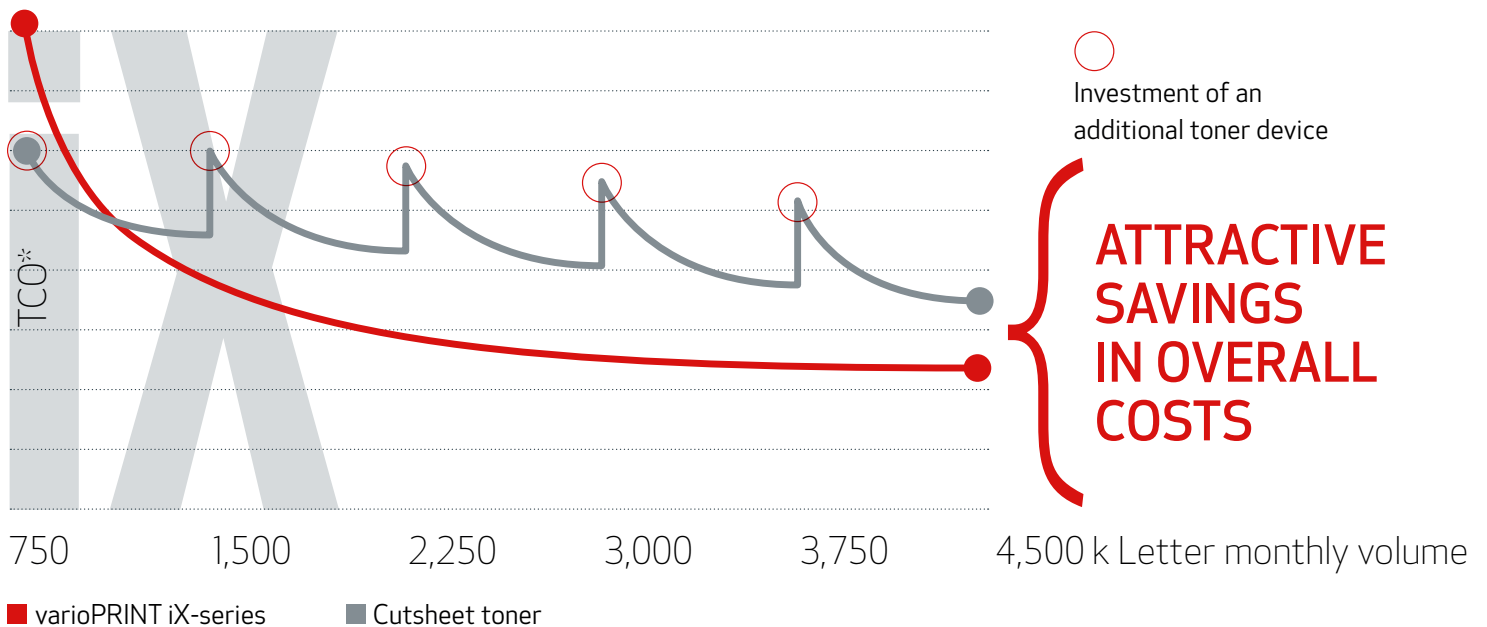
## NO OZONE EMISSIONS

No ozone emissions for an operator friendly work environment.  
Did you know that ozone is derived from the Greek word for "smell?"



## MARGINS AND PROFITS

Any investment in business should make a difference to the bottom line results. The varioPRINT iX-series has an excellent return on investment.



\*Based on an average application, containing a mix of mono and color text pages, plus images with high ink coverage

# 1=4

**ONE OPERATOR  
CAN MANAGE UP  
TO FOUR DEVICES  
AT THE SAME TIME.**

## LABOR COSTS



Operators can 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. Setting up even complex jobs is simple thanks to industry-leading workflow software, helping to reduce the number of operator hours to staff the machine.

# QUALITY EXCELLENCE

Driven by innovations in printheads, image processing, quality control, inks, and drying, the varioPRINT iX-series is capable of producing thousands of identical quality prints in nonstop production. Intelligent technologies such as nozzle activity control, nozzle uniformity control, and 1200 dpi processing and printing help ensure nonstop, high-quality output. Inkjet offers an inherently stable image quality technology which requires minimal calibration and reduces image deterioration. This press can create consistently high-quality prints across multiple print runs.



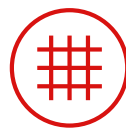
Vibrant  
Colors



Superb skin  
tones



Razor-sharp  
fine text and  
line detail



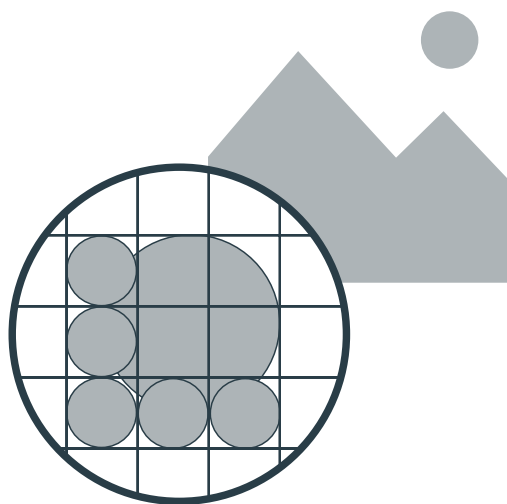
Smooth  
gradients



All at full  
production  
speed

## FINE DETAILS

For small text and thin lines, the varioPRINT iX-series provides razor-sharp results.



**VARIABLE,  
MULTIPLE  
DROP SIZES**

2 pl / 5 pl



## IQUARIUS<sup>IX</sup> QUALITY CONTROL

### True 1200 dpi

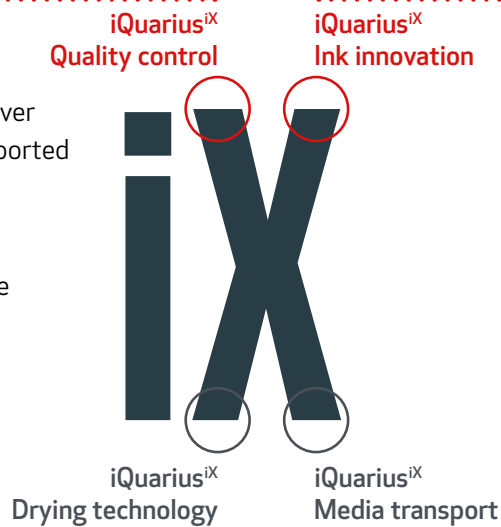
1200 dpi printheads are optimized to deliver consistent and highly detailed prints, supported by 1200 dpi image processing.

### Nozzle activity control

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

### Nozzle uniformity control

Controls individual nozzles to help ensure consistently high print quality.



## IQUARIUS<sup>IX</sup> INK INNOVATION

**iQuarius<sup>IX</sup> Ink innovation polymer pigment water-based performance ink**  
Proprietary formulation that enables excellent image quality and robustness on many different media types.

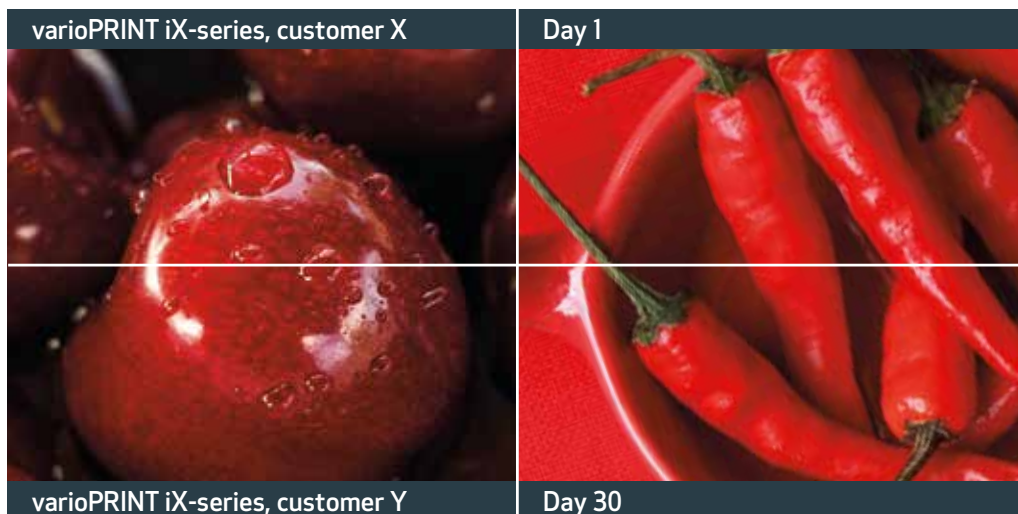
### ColorGrip

For great adhesion and performance of the iX ink on many forms of media.

## HIGH, CONSISTENT QUALITY

High image quality is one thing. Consistent quality is another.

The varioPRINT iX-series offers both **without daily operator calibration or intervention.**



High image consistency

No image deterioration

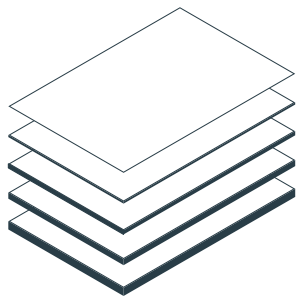
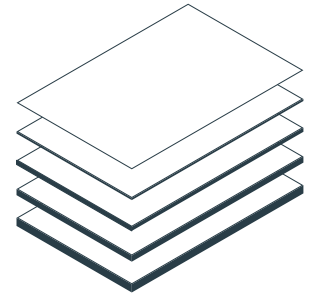
*Simulated output*

# APPLICATION VERSATILITY

Uncoated media range from

**60<sup>GSM</sup> > 350<sup>GSM</sup>**

Including structured, recycled, book, and NCR papers



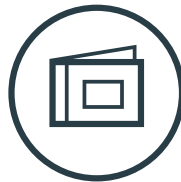
Coated media range from

**90<sup>GSM</sup> > 350<sup>GSM</sup>**

Matt, silk, and gloss



Catalogs



Collaterals



Books



Magazines



Manuals



Premium  
direct mail



Postcards



Transactional  
print

# IQUARIUS<sup>IX</sup>

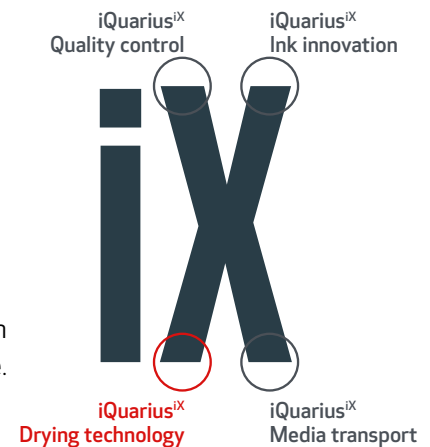
## DRYING TECHNOLOGY

### Step 1

A drying drum uses hot air impingement to evaporate water in ink.

### Step 2

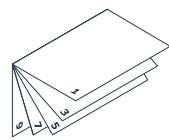
Post-fixation unit with InkFusion technology from Canon uses heat with humidification for robust ink layer so prints can be cut, stitched, perforated, and folded without issue.



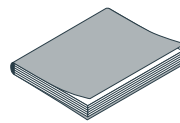
## ALL-IN-ONE FLEXIBILITY

Print mono, color, or a mix productively.  
Mixed media or instant switching of media.

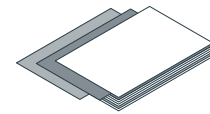
Wide choice of  
online connected  
finishing via open  
DFD interface in high  
capacity stacker



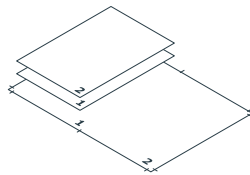
Booklet making



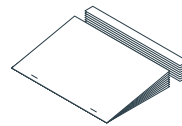
Perfect binding



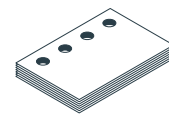
Stacking



Cutting



Trimming



Perforating

The varioPRINT iX-series supports traditional and digital embellishment methods, i.e.

✓ **Aqueous and  
UV coating**

✓ **Laminating**

✓ **Foiling**

✓ **Embossing**

**Canon**

CANON SOLUTIONS AMERICA

**1-844-443-INFO (4636) [CSA.CANON.COM](https://www.csa.canon.com)**