

Hello I'm the new VarioPrint i-series+

**Continuous Innovation + Customer Feedback =
More Media. More Applications. More Business.**

SMART CHANGE STARTS HERE.

Canon
CANON SOLUTIONS AMERICA

01 LET ME INTRODUCE MYSELF

First introduced in 2015, I offer my customers the reduced costs of inkjet combined with the media and application flexibility of sheetfed production.

PRODUCTIVITY

I offer outstanding sheetfed productivity with an uptime of over 95%.



All in one print platform

I print mono, color, or a mix of both on a wide range of media.

End-to-end automation

With PRISMAsync controller, I offer increased predictability, flexibility, and accelerated job turnarounds.

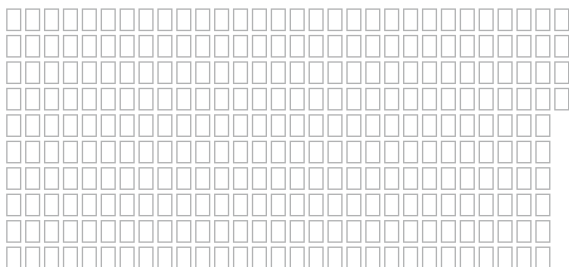
I offer hours of uninterrupted printing without operator intervention needed.

I keep myself in optimal condition with automated printhead maintenance routines.

SPEED AND VOLUME

I can print 294 letter impressions per minute. That equals more than 8,820 duplex letter sheets per hour. I can produce up to 10 million pages every month!

294 Letter IPM



QUALITY

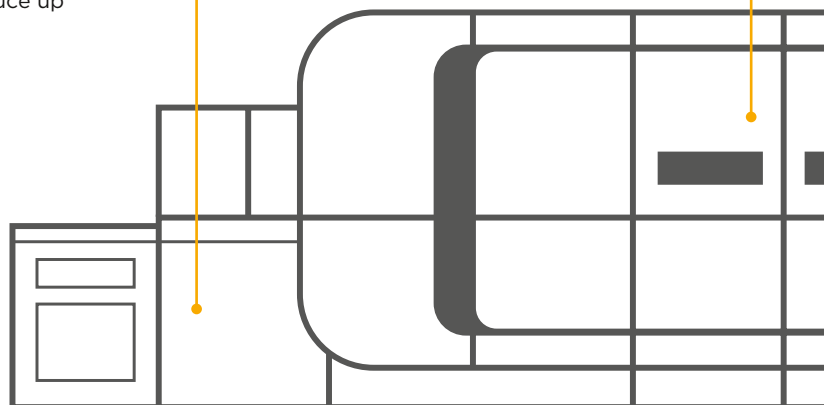
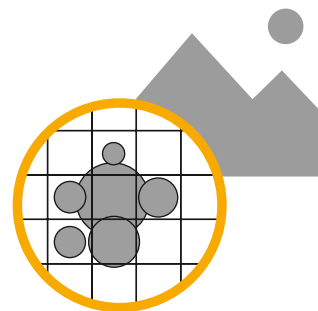
I offer perceived image quality of 1200 dpi on a wide range of media.

Dropsizes modulation

I offer four droplet sizes for high-quality print with smooth color gradations.

Inline quality control

I check and correct nozzle conditions automatically, ensuring quality and saving time.



iQUARIUS INKS

Ink is key to media choice and print quality, that's why my inks are developed by expert chemists.

ColorGrip liquids

Allows me to print on a wider range of media.

iQuarius MP inks

Market-proven ink for quality printing on inkjet treated and uncoated papers.

iQuarius MX inks

Expands my capabilities to a range of offset coated papers.

iQUARIUS TECHNOLOGIES FROM CANON

Printing inks on sheets of paper at a high speed has proven to be too difficult for many. iQuarius technologies enable me to print on a wide range of media reliably, cost effectively, and incredibly fast.



Inline Quality Control

During printing, I check and correct nozzle conditions at defined intervals.



Precision Sheet Control

I accurately position and transport sheets, at full performance.



Drying System

I offer robust drying at moderate temperatures to minimize paper deformation, with three drying technologies.

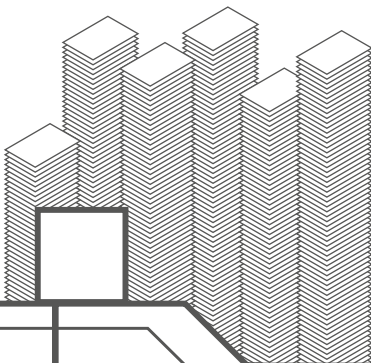


Sheet Entry Control

I inspect, detect, and purge sheets with imperfections on the fly.

PAPER HANDLING

I have up to three paper input modules. I can offer you 12 pick points with up to 23,400 (80 gsm) sheet capacity.



iQUARIUS SUPPORT

I support a wide range of media with different weights and sizes for a variety of applications.

Paper size support

I can print on sheet sizes up to 13.9" x 20" (B3 format).

Different stock weights

Depending on paper type, I can handle 60-300 gsm stocks.

Flexible paper input

I print on plain, uncoated, inkjet coated and some offset coated papers.

Specialty Media

Print on Trilar Tabs, NCR, Pressure Seal Envelopes, CIS, Synthetic Labels and more.

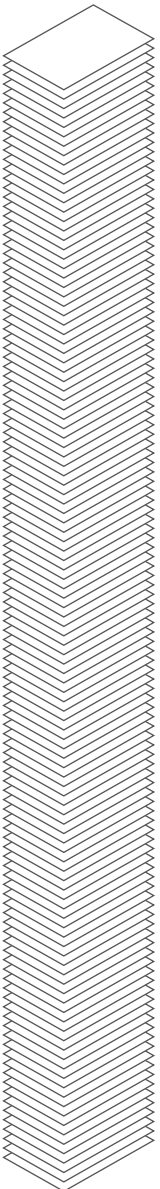
maximum paper size up to
13.9" x 20"

60 ^{GSM} > 300 ^{GSM}



02 IT IS MY SPEED THAT YOU NEED

Productivity is key to any successful printing operation and this is where I excel. Today's market requires shorter runs, higher job variation, and faster turnaround times.



**23,400
paper
input
capacity**

Up to 23,400 sheets input capacity allows me to print for over **2.5 hours** without paper loading.



8 hrs



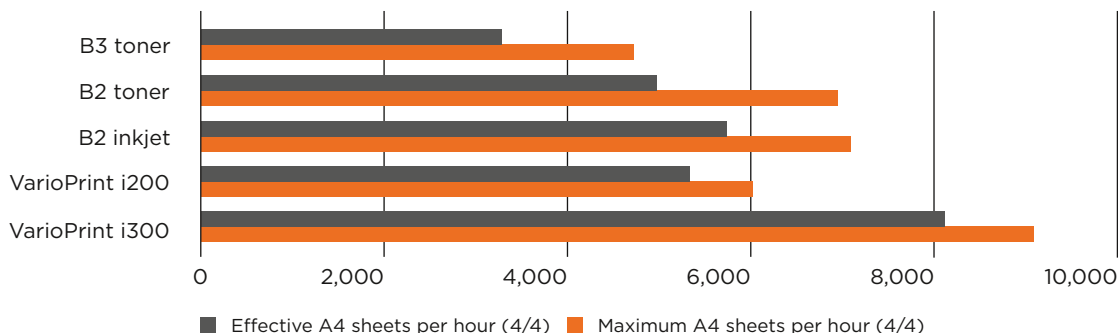
8 hours of plan ahead production thanks to **PRISMAsync printserver.**



×2

I am up to twice as productive compared to industry benchmarks for sheetfed production printing and designed to withstand rigorous production schedules.

Productivity: digital B2 vs. digital B3



Productive toner systems run approx. 20-40 hours before components require cleaning, adjustment, or maintenance. Also, they need periodic color calibration in a production shift or a long press run. Inkjet does not need that interaction, resulting in more available production hours.

120,000,000

impressions per year

10,000,000

impressions per month

400,000

impressions per day

18,000

impressions per hour

300

impressions per minute

5

impressions per second

With my reliability, easy operation, end-to-end automated workflow, and inline finishing capabilities, you can get the most out of your investment and print up to **24 hours per day**.

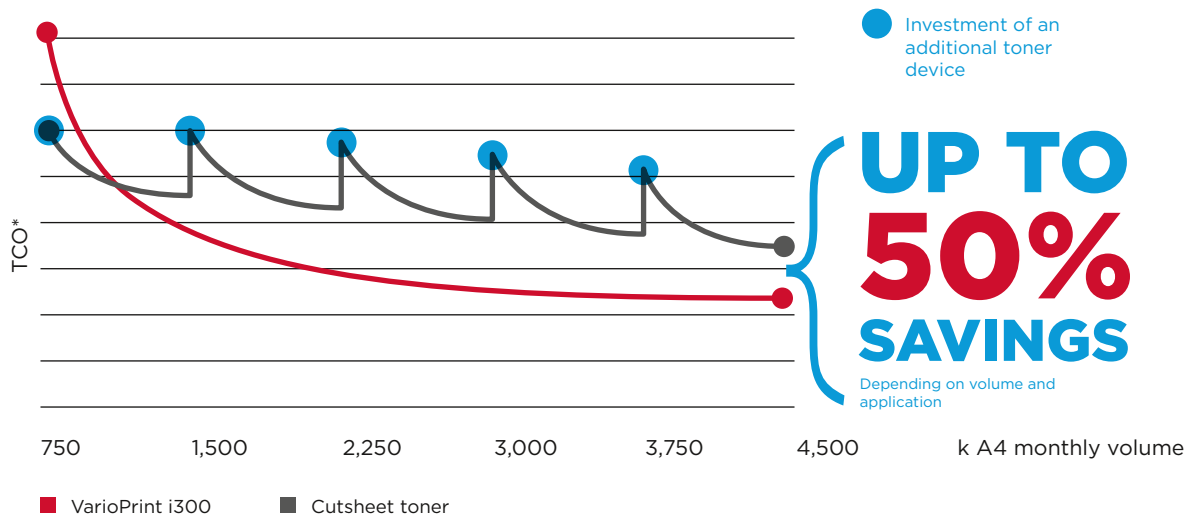
I offer a versatile and flexible press for high production print environments.

One customer even surpassed 10 million impressions in one month, demonstrating the high-volume capacity I can achieve.

Impressions equal A4 sheet size.

03 COUNT YOUR SAVINGS

When investing in a production press, there are many costs to consider. You should consider all costs including operator labor, productivity constraints, and waste. For insight into the total cost of ownership, let's do the math.



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



Investment cost

Just one VarioPrint i-series+ is capable of producing the volumes of multiple cutsheet toner devices; mono, color, or consolidated.



Running cost

No need for inkjet treated paper; I can print on lower cost commodity grade stocks. And I distinguish between mono and color prints, so you can cost effectively consolidate these volumes.



Labor cost

The productivity and versatility allows for the reduction of shifts, which leads to **huge** operational savings. One operator can handle multiple systems; **no daily** calibration, just occasional loading and unloading of paper.



“”

“The decision for us to install the VarioPrint i300 was pretty simple,” said Novak, in how BFC went through the cost justification analysis.

“We could print color and black-and-white for less cost per click than with our black-and-white toner clicks.”

Matt Novak —
Co-owner of BFC

04 LOVE MY QUALITY

Enjoy premium quality printing on a diverse range of media, with optimum accuracy and color quality. I can reproduce a wide color gamut on various substrates. Check out my color quality for yourself!





05 MY FOOTPRINT

Is sustainability important to your print operation? Here is how I strive to be eco-friendly: I print for use and avoid waste as much as possible. I use water-based inks, releasing fewer harmful by-products into the environment compared to other production technologies. I can handle all kinds of paper, including recycled stock. In order to aid recycling efforts, my ink can largely be removed from prints I produce. Review my sustainability credentials below:



De-inkability score

Paper recycling is one of the most effective ways to reduce environmental impact. My ink can be removed almost entirely from the paper, which ensures maximal recyclability.



Water-based inks

I use water-based pigment inks: no solvents, no smells, no hazardous disposables or other contaminants!



Ozone emissions

I have no ozone emission at all. Did you know that ozone is derived from the Greek word for “smell”?



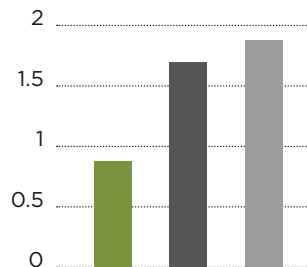
Print for use, not for waste!

Print only what you need and reprint later when necessary. Eliminate stock, obsolescence, and waste associated with overproduction.



Powerful prints with less power!

While my power consumption is not the lowest in the market, I do produce more output than many of my fellow production sheetfed presses.*



watt/A4 image

■ VarioPrint i300
■ Toner B3 Press
■ Liquid Toner B3 Press

*Based on PSDS data from manufacturer


A woman with long dark hair, wearing a light blue denim jacket and brown boots, is sitting on a black metal park bench. She is holding and reading a book. The bench is on a paved path with fallen yellow leaves. In the background, there are many trees with green and yellow leaves, suggesting an autumn setting. A green semi-transparent box is overlaid on the right side of the image, containing a quote and the name of the person who said it.

“,”

“We produce all materials for numerous online classes for home study. Every time a course is updated, the materials we have in stock become outdated. Before we started printing course materials on-demand with the VarioPrint i-series, we threw away tons of paper, every year.”

Tom Frencken — Manager
production and logistics
NHA (Netherlands)

06 MY ACHIEVEMENTS SO FAR



I offer a proven uptime of over **95%**. One customer even claims I reach **99%**!

Customers benefited from me so much that they installed a second, third, fourth, or even **a fifth system!**

I am flying high! My highest installation altitude is at **7,200 feet!**

I work in USA, Canada, Mexico, Europe, Australia, New Zealand, South Africa, Singapore, Taiwan, China, and Japan.
Where shall I go next?



Customers can print up to **10 million** impressions per month, with some even breaking that barrier!

I print transactional documents, direct mail, books, catalogs, manuals, brochures, and magazines. **A truly versatile press!**

Over **1,000** media have been tested and approved for me! And that number keeps growing.

During my existence I have printed over **7 billion** impressions worldwide, and I aim for much more!

07 WHAT I CAN DO FOR YOU

Every printing technology has its advantages. Offset is a proven technology that offers quality and low costs so long as the print runs are high and variable data is not needed. Toner offers quality, versatility, and variable data printing, but reaches its limitations with high production quantities. Inkjet empowers high speed production with favorable cost economics. Have you noticed that this brochure uses different stocks throughout? I printed on a variety of stocks—just to prove that I combine the advantages of inkjet with the versatility of sheetfed!

Let me work for you in

service bureaus and transactional printers, direct mail houses, book and manual printers, and large inplants.

I am also well suited for

commercial printers looking to increase flexibility, expand application mix, take on more digital work, or leverage inkjet versatility.

What is 400,000 impressions per day?



2,000
books a day

Books and manuals, combining black and white and color on one platform.



4,000
magazines a day

Catalogs and magazines, including the option for versioned, personalized catalogs and magazines.



200,000
brochures a day

Collateral materials, including brochures, sell sheets, and mailers.

08 I AM THE FULL SOLUTION

I can put the finishing touches on your application with a full suite of near or inline finishing options from a variety of vendors including:

- Dynamic Perf & Punch
- Cutting & Slitting
- Creasing
- Stacking
- Stapling
- Saddle Stitching
- Perfect Binding

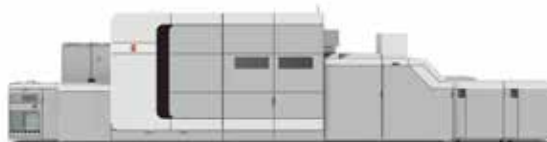
I am powered by PRISMA workflow software. The PRISMA Workflow Suite allows me to offer you productivity, accountability, and automation. My workflow tools include:

- PRISMAproduction
- PRISMAsync
- PRISMA Remote Control
- Remote Manager
- PRISMAlytics
- PRISMAsync Simulator
- PRISMAprofiler
- PRISMAprepare



**Learn more
about what
I can do for
your business!**

Hello. I am the VarioPrint i-series+ inkjet press.



Printed on the VarioPrint i-series+ with MX inks and ColorGrip

Veritiv Endurance 100lb Silk Cover
Neenah Classic Crest Linen Solar White 80lb Smooth Text
MacGregor XP 80lb Gloss Text

Canon

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