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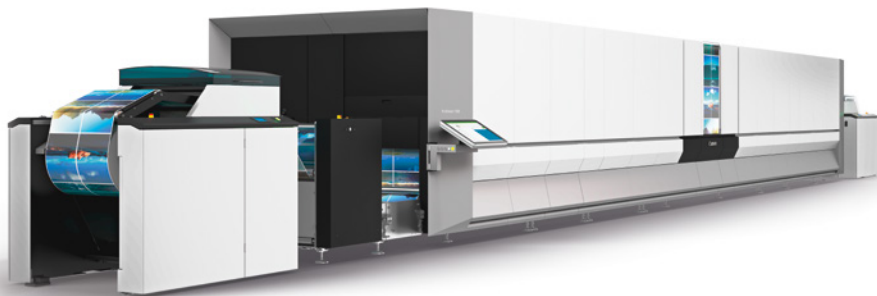
Canon

Canon Europe
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English edition



PERFORMANCE. PASSION. PRINT.

ProStream 1000 series



Canon



» Let your performance match your passion for print. The ProStream 1000 series is a powerful web-fed inkjet production print solution. With two different models and speeds of up to 133 m/min, it is the ideal solution for commercial printers who want to maintain superior print quality at speed and achieve ultimate performance.

At Canon, we understand that you need to adapt to changing market requirements with technology that evolves with your business. Run lengths are becoming too short for traditional offset technology to operate profitably. Industrial volumes are growing beyond throughput levels of other digital engines. And new customer demands mean you don't want to be held back by the media you work with.

Now you can grow your production volumes without compromising quality or speed. The ProStream 1000 series pushes the boundaries of high speed inkjet print quality and media versatility, so you can expand your offering by migrating higher volume jobs from offset to digital inkjet.



ProStream 1000 series

ACHIEVE ULTIMATE PERFORMANCE

Boost production levels. Slash turnaround times. Efficiently produce a wide range of applications – whether premium and highly personalised direct mail or graphic arts applications, such as books, catalogues or magazines. And ultimately, produce these more efficiently, so you can increase your profit margins at the same time.

With the ProStream, you can take advantage of print-on-demand book production for efficient logistics and personalised marketing communication as part of wider omni-channel marketing campaigns, thanks to variable data printing, and turn these jobs around as quickly – and efficiently – as possible!

Find out more: <https://canon.sm/prostream-ie>



PRODUCTIVITY. QUALITY. FLEXIBILITY.

ProStream 1000 series

ULTIMATE PRODUCTIVITY.

The ProStream's powerful technology means you can have the confidence to meet the tightest deadlines and quality standards.

With two models to choose from, the ProStream 1000 has a print speed of up to 80 m per minute, producing 65,000 A4 impressions per hour or 6,789 B2 sheets 4/4 per hour. If you want to increase your production capacity, the ProStream 1800 allows you to easily upgrade and adapt to changing market dynamics while maintaining high quality and speed when using a wide variety of media. The ProStream 1800 has a print speed of up to 133 m per minute,

producing 107,500 A4 impressions per hour or 11,287 B2 sheets 4/4 per hour, so you can have the confidence to handle higher volumes of work today or in the future.

ULTIMATE QUALITY.

The ProStream sets a new benchmark for inkjet quality, with a colour gamut beyond offset standards on most papers. The ProStream leverages 1,200 dpi resolution with multi-level ink drop size modulation for smooth shadings, striking details in dark tones and the sharpest of fonts.

Using native 1,200 dpi piezo drop-on-demand print heads and proprietary



polymer pigment inks with ColorGrip conditioning fluid, colour consistency is assured. Canon's Inline Quality Control, an optional high-performance camera system, also provides automatic print quality assurance, so operators can spend less time on checking the quality, reducing waste and more time focusing on higher-value tasks in your production line.

By not coming into contact with the paper, the press's air floatation drying system evenly dries all jobs, protecting the print image to ensure the best result and preserving the paper surface - even on the most sensitive substrates. The system also uses an intelligent sensor control circuit to continuously adjust the temperature during the print run to ensure the optimal drying settings for complete consistency. Whether you're printing a fashion look book or a high value mailer, you can be sure that it will impress!

ULTIMATE FLEXIBILITY.

The ProStream can achieve superior print quality across a huge range of media, including standard offset coated (gloss, matt, silk), uncoated and inkjet optimised papers from 40 gsm to 300 gsm.

This means you can print on a wide range of paper and produce a broad variety of applications without compromising the high standards of the finished output. And all of this is possible with this single press.

And for added ease, you can seamlessly integrate the ProStream within any production environment - whether digital, hybrid or offset - and into your existing workflows for maximum flexibility.

Print calendars, posters and point of sale applications with the functionality to print up to 556 mm wide and 1,524 mm long. Eliminate the need to stop production to switch between different format lengths to ensure a seamless changeover - providing additional flexibility and ease-of-use for operators.

Colour and monochrome content, page counts, and formats can be varied continuously. With the ProStream, you can design products exactly to your customers' requirements. Why not even create higher margin applications such as a one-off customised product? Have the confidence to always deliver.

Over 1700 Canon web-fed inkjet printers sold globally



PERFORMANCE. PASSION. PRINT.

ProStream 1000 series

Technology specifications

Printing speed:

ProStream 1000: Up to 80 m/min which equals 1,076 A4 images per minute or 6,789 B2 sheets 4/4 per hour

ProStream 1800: Up to 133 m/min, which equals 1,790 A4 images per minute or 11,287 B2 sheets 4/4 per hour

Print resolution up to 1,200 x 1,200 dpi with multi-level drop size modulation

Print up to 556 mm wide and 1,524 mm long

Paper weight: 40 – 300 gsm

Calliper: 300 microns

Substrates: Offset coated gloss, silk, matt, uncoated and inkjet-optimised

Optional Inline Quality Control for automated quality assurance (option)



PERFORMANCE.

HIGHER SPEEDS
+ SUPERIOR PRINT QUALITY
+ MEDIA FLEXIBILITY
= THE FORMULA FOR ULTIMATE
INKJET PERFORMANCE

PASSION.

YOU'RE PASSIONATE
ABOUT PRINT -
AND SO ARE WE.
BE PROUD OF YOUR
BUSINESS AND BE
PROUD OF YOUR PRINT.

PRINT.

PRINT IS CREATIVE. IT'S
CREDIBLE. IT'S CLEVER.
IT CATCHES YOUR EYE.
AND IT CREATES EMOTION.
PRINT HAS THE
ULTIMATE POWER TO
OPEN UP NEW GROWTH
POSSIBILITIES.

»» So what are you waiting for?

THE TECHNOLOGY BEHIND THE PERFORMANCE

Ultimate productivity thanks to high throughput speeds and efficient operation

- Two models at different speeds to suit your maximum throughput needs
- Intuitive user operation
- Powerful SRA MP controller architecture
- Workflow integration with PRISMA for automated production
- Powerful technology with high reliability, ensuring maximum uptime

Ultimate quality thanks to DigiDot, piezo-electric drop-on-demand inkjet technology

- Sharpest details and smooth natural shadings with 1,200 dpi and multi-level ink droplet size modulation
- ColorGrip conditioning fluid for colour consistency

- Colour gamut beyond offset standards
- Minimal paper stress for preserving paper haptics due to air floatation drying system and intelligent sensor control, resulting in less waste
- Optional quality assurance with automatic nozzle activity control

Ultimate media flexibility thanks to the ability to produce a wide range of applications

- Versatility on standard coated offset, uncoated, and inkjet-treated media
- Easily integrated into digital, hybrid or offset production environments
- Print up to 556 mm wide and 1,524 mm long and paper weights between 40 gsm and 300 gsm

THE POWER OF PRISMA

PRISMAproduction streaming mode

- Full-scope central output management
- Multiple data formats (PDF, AFP/IPDS, PCL, etc.)
- Multi-engine set-up (Canon or third party)

PRISMAcontrol digital front end

- Seamlessly integrated with printer
- PDF workflow
- Single-engine set-up