

**Canon**

CANON SOLUTIONS AMERICA



**PERFORMANCE. PASSION. PRINT.**

ProStream 1000 and 1800

**SMART CHANGE STARTS HERE.**

# ACHIEVE ULTIMATE PERFORMANCE

Let your performance match your passion for print. The ProStream 1000 series is a powerful web-fed inkjet production print solution that can help take your business to the next level. With two different models and speeds of up to 436 feet per minute (fpm), it is the ideal solution for Commercial and Direct Mail printers who want to maintain superior print quality at rated speed, helping to support ultimate performance.

**STAY AHEAD OF THE CURVE:** We understand that as a print provider, you must adapt to changing market requirements with technology that evolves with you. Run lengths are becoming too short for traditional offset technology to operate profitably. Industrial volumes are growing beyond throughput levels of other digital engines. Additionally, new customer demands mean you don't want to be held back by the media you work with.

The ProStream 1000 series pushes the boundaries of high-speed inkjet print quality and media versatility, to help you expand your offering by migrating higher volume jobs from offset to digital inkjet.

Help to boost production levels, slash turnaround times, and efficiently produce a wide range of applications—including premium and highly personalized direct mail and graphic arts applications, such as books, catalogs, magazines, and more. Ultimately, you'll be on a path to producing these more efficiently so you can be in a better position to increase your profit margins at the same time.

You can take advantage of short run book production for efficient logistics and personalized marketing communication as part of wider omnichannel marketing campaigns thanks to variable data printing. The ProStream helps turn these jobs around as quickly and efficiently as possible!



## PERFORMANCE.

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

## PASSION.

YOU ARE PASSIONATE ABOUT PRINT  
AND SO ARE WE.  
BE PROUD OF YOUR PRINT SOLUTION  
AND BE PROUD OF YOUR PRINT.



## ULTIMATE PRODUCTIVITY.

The ProStream was designed with powerful technologies to give you 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 262 ft/min, which equals 1,145 Letter perfected impressions per minute or 6,800 B2 sheets per hour, while the ProStream 1800 has a print speed of up to 436 ft/min, which equals 1,904 Letter perfected impressions per minute or 11,300 B2 sheets per hour.

With increased speeds leading to higher throughput, you can now have the confidence to handle higher volumes of work for jobs today or in the future.

Want to upgrade? Now you can. The ProStream 1800 can grow with your business, supporting you as you easily adapt to changing market dynamics while maintaining high quality, speed, and using a wide variety of media.



## ULTIMATE QUALITY.

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

Using native 1,200 dpi piezo drop-on-demand print heads and proprietary polymer pigment inks with Canon ColorGrip conditioning fluid, color consistency can be achieved. Canon's Inline Quality Control, a high performance camera system, also provides automatic print quality assurance, to help operators spend less time on quality control and allow more time to focus on finding new business opportunities in order to stay ahead.

By not coming into contact with the paper, the press's air flotation drying system helps protect the print image to ensure an optimal result and preserve the gloss and paper surface. The system also uses an intelligent sensor control circuit to continuously adjust the dryer settings optimally during the print run for consistency. Whether you're printing a fashion catalog or a high-value mailer, you can be sure that it will impress!



## ULTIMATE FLEXIBILITY.

The ProStream allows for flexibility across a wide range of media, including standard offset coated (gloss, matte, silk, dull), uncoated, and inkjet optimized papers from 40gsm to 300gsm.

You can seamlessly integrate the ProStream within nearly 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 22" wide and 60" long. Reduce the need to stop production to switch between different format lengths to help ensure a seamless changeover—providing additional flexibility and ease-of-use for operators.

Color and monochrome content, page counts, and formats can be varied continuously. With the ProStream, you can design products exactly to your customers' requirements. Have the confidence to always deliver.

|                               | PROSTREAM 1000  | PROSTREAM 1800   |
|-------------------------------|---|--|
| <b>PRINTING SPEED</b>         | Up to 262 ft/min, which equals 1,145 Letter perfected images per minute or 6,800 B2 sheets per hour | Up to 436 ft/min, which equals 1,900 Letter perfected images per minute or 11,300 B2 sheets per hour |
| <b>PRINT RESOLUTION</b>       | Up to 1,200 x 1,200 dpi with multi-level drop size modulation                                       |  |
| <b>PAPER SIZE</b>             | Up to 22.24" wide and print lengths of up to 60" long   |  |
| <b>PAPER WEIGHT</b>           | 40 to 300 gsm, 37 million in perfecting mode  |  |
| <b>SUBSTRATES</b>             | Offset coated gloss, matte, silk, dull, uncoated, and inkjet-optimized                              |  |
| <b>INLINE QUALITY CONTROL</b> | For automated quality assurance   |  |

## PRINT.

PRINT IS CREATIVE. IT'S CREDIBLE. IT'S CLEVER.  
IT CATCHES YOUR EYE. AND IT CREATES EMOTION.  
PRINT HAS THE ULTIMATE POWER TO EXPAND  
NEW GROWTH POSSIBILITIES.  
SO, WHAT ARE YOU WAITING FOR?

# THE TECHNOLOGY BEHIND THE PERFORMANCE

## ULTIMATE PRODUCTIVITY THANKS TO HIGHLY EFFECTIVE THROUGHPUT AND EFFICIENT OPERATION

- Two models at different speeds to suit your maximum throughput needs
- Intuitive user operation
- Powerful SRA MP controller architecture for high-speed data workflow
- Workflow integration with PRISMA for automated production
- High reliability and uptime

## ULTIMATE QUALITY POWERED BY CANON DIGIDOT, PIEZO-ELECTRIC DROP-ON-DEMAND INKJET TECHNOLOGY

- Sharp details and smooth natural shadings with up to 1,200 dpi and multi-level ink droplet size modulation
- Color gamut beyond offset standards
- Canon ColorGrip conditioning fluid for color consistency
- Intact paper gloss and haptics due to intelligent air flotation drying
- Inline Quality Control for automatic print quality assurance with automatic nozzle activity control

## ULTIMATE PRODUCTION FLEXIBILITY IN TERMS OF MEDIA, FORMATS, AND WORKFLOWS

- Versatility on standard coated offset, uncoated, and inkjet-treated media
- Easily integrated into digital, hybrid, or offset production environments
- Print up to 21.89" wide and 60" long and paper weights between 40gsm and 300gsm

### THE POWER OF PRISMA:

#### PRISMAproduction streaming mode

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

#### PRISMAcontrol digital front end

- Seamlessly integrated with printer
- PDF workflow
- Single-engine setup

OVER **1,700** CANON WEB-FED FEED  
INKJET PRINTERS SOLD GLOBALLY



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