



CANON SOLUTIONS AMERICA

**THE ART OF GOING BEYOND
PERFORMANCE. PASSION. PRINT.**

ProStream 3000 series

The ProStream 3000 series is the next generation of Canon's high-speed, web-fed inkjet press, combining offset print quality with on-demand, short-run flexibility for a broad range of commercial print jobs. It offers speed, efficiency, and media versatility to help print businesses reduce turnaround and makeready time and waste, to make today's shrinking run lengths more profitable and help meet brand owners' demands for faster time to market.

EXPLORE NEW APPLICATION POSSIBILITIES

Capable of printing at a maximum speed of 436 ft/min, the ProStream 3000 series produces excellent print quality on a wide range of substrates and weights, including standard offset coated, uncoated, and inkjet-optimized papers up to 300 GSM. Its unique asymmetric drying architecture optimizes drying efficiency, allowing 7 pt. heavyweight paper to be printed at high speed. Produce outstanding applications—from direct mail and books to calendars, posters, and postcards—with high resolution, exceptional image sharpness, and consistent color output.

HIGH SPEED, HIGH PRODUCTIVITY

Built for high-quality inkjet production on a wide range of media, the ProStream delivers high-speed capability to help expand your revenue opportunities. At a speed of up to 436 ft/min, producing up to 11,164 B2 4/4 sheets/hr, equivalent to a monthly volume of up to 6.1 million B2 sheets or 62 million letter impressions.

OUTSTANDING INKJET PRINT QUALITY

The ProStream series uses native 1,200 dpi piezo drop-on-demand printheads with multilevel drop size modulation for sharp details and quality, with proprietary polymer pigment

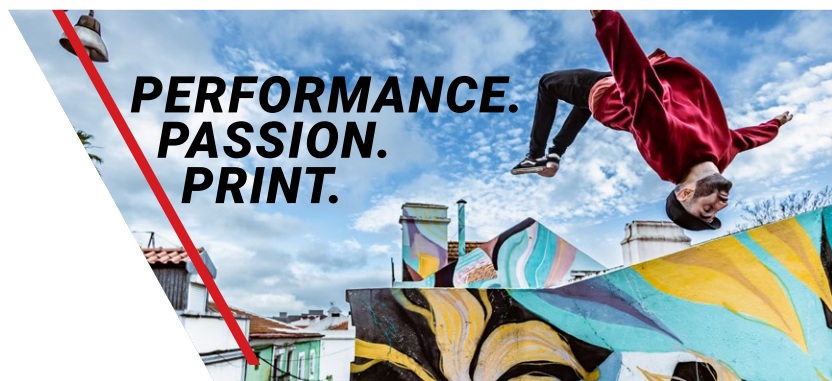
inks and Canon Smart ColorGrip conditioning fluid for reliable and consistent color and added layflat control. Providing automated print quality assurance, Canon's Inline Quality Control (IQC), a high-performance camera system, allows operators to reduce time spent on quality control so they can focus on getting more work out the door.

CLOSING THE GAP BETWEEN TONER AND OFFSET

Closing the gap between toner and offset, the new ProStream 3000 series offers ultra-fast digital production with consistent offset print quality and a color gamut that conforms to industry standards. Help improve profitability by migrating shorter run, high-value printing from analogue to digital inkjet. Or support increased productivity by moving work from B2 digital presses to the ProStream 3000 series. Users can now reap the full end-to-end productivity benefits of inkjet production across most commercial print applications.

*B2 size is equal to 19.7" x 27.8".

SMART CHANGE STARTS HERE.



ADVANCED DRYING SYSTEM

The ProStream series features a unique drying and media-handling technology. Through gentle, non-contact drying, the air flotation drying system evenly dries all jobs, protecting the print image to help ensure the best result and preserving the gloss and paper surface better than other drying methods, even on the most sensitive substrates. The system also uses an intelligent sensor control circuit to continuously adjust the dryer settings optimally during the print run for consistency.

PROVEN INKJET EXCELLENCE

With more than 1,700 continuous feed inkjet printer installs globally, the ProStream series benefits from Canon's outstanding experience and knowledge of high-volume commercial printing. Designed for the most demanding production environments, the ProStream strikes a unique balance between high productivity, superior print quality, flexibility, and media versatility, and is backed by an expert team of integration consultants, color specialists, and service engineers.

PROSTREAM 3000	
PRODUCTIVITY	
PRINT SPEED	Up to 436 ft/min
CONFIGURATION	I-Twin (duplex/perfecting) four color
THROUGHPUT PER HOUR	11,164 B2* sheets or 114,245 letter impressions
MAX. EFFECTIVE MONTHLY DUTY CYCLE	6.1 Mil B2 sheets or 62 Mil letter impressions
TECHNOLOGY	
PRINTHEAD TECHNOLOGY	Canon DigiDot piezoelectric drop-on-demand
RESOLUTION	Up to 1,200 x 1,200 dpi, 1,200 x 720 dpi (at 133 m/min)
DIGIDOT TECHNOLOGY	Multilevel drop size modulation
INK SET	ColorGrip conditioning fluid, polymer pigment ink set CMYK with InkSafe technology
INLINE QUALITY CONTROL	Automatic continuous quality control with high-speed camera system
SMART COLORGRIP	Operator can control the amount color grip in white areas of the page
PAPER & PRINT IMAGE	
WEB WIDTH ¹	11.5 – 22"
MAXIMUM PHYSICAL PRINT WIDTH	21.88"
SUBSTRATES	Offset coated gloss, matte, silk, dull, uncoated, inkjet
PAPER WEIGHT ²	60 – 300 GSM
PAPER TRANSPORT	Tight web, pinless, automatic tension control
PHYSICAL DATA TWIN ROLL-TO-ROLL ³	
LENGTH x WIDTH	47.09' x 8.4'
HEIGHT	7.2'
WEIGHT	35,076 lbs.
POWER CONNECTION PRINTER	
CONNECTION	Tower 1: 400 V / 39 kW Fuse: 63 A; 400V/125kW Fuse: 200 A Tower 2: 400 V / 39 kW Fuse: 63 A; 400V/125kW Fuse: 200 A Controller 400V/16A Unit 400V/16A
ENVIRONMENTAL REQUIREMENTS	
TEMPERATURE	68 – 80°F (20 – 26°C)
HUMIDITY	40 – 60%
OPERATING NOISE	Maximum 80 dB
WORKFLOW	
LOGICAL PAGE LENGTH	6 – 60"; dynamically variable
CONTROLLER	SRA MP controller with latest Adobe APPE
PRINTER DATA FORMAT ⁴	PDF (PDF/X, PDF/VT), AFP/IPDS (IS/3)
FRONT END PRINT MANAGER	PRISMAproduction PDF Advantage or PRISMAproduction output management system
OPERATING	Touchscreen user interface
CONNECTIVITY	10 Gigabit Ethernet (copper, optic MMF/SR, optic SMF/LR)
PRE- AND POST-PROCESSING ⁵	Inline or offline; barcode controlled
OPTIONS	
EDGEHANCE	High detail sharpness with enhanced rasterizing architecture
NARROW WEB	Allows the usage of paper widths smaller than the standard minimum width of 16 inches to 11.5

All information is subject to change without notice.

¹Optional Narrow Web kit must be installed.

²Additional weight range possible with testing and approval from Canon Solutions America media lab.

For guidance on specific papers, please refer to the Canon Solutions America evaluated media list.

³Total dimensions and weight may vary dependent on pre- and post-processing equipment.

⁴Partly in combination with PRISMAproduction PDF advantage or PRISMAproduction.

⁵Contact Canon Solutions America representative for list of supported inline devices.



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