

THE ART OF NEW OPPORTUNITIES



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 525 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 from 28 GSM to 300 GSM. Its unique asymmetric drying architecture optimizes drying efficiency, allowing 9 pt. heavyweight paper to be printed at 436 ft/min. 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 was designed for high-speed capability to help expand your revenue opportunities. At a speed of up to 525 ft/min, it produces up to 13,560 B2 4/4 sheets per/hr, equivalent to a monthly volume of up to 8.2 million B2* sheets or 83 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

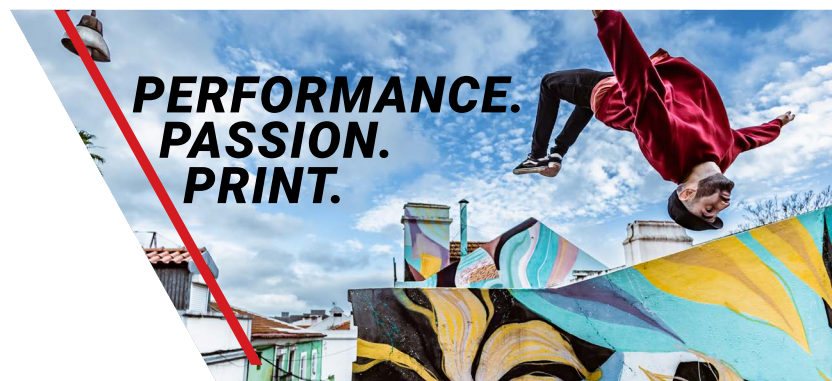
inks and Canon Smart ColorGrip conditioning fluid for reliable and consistent color and added layflat control. Providing automated print quality assurance, Canon's Inline Quality Control (IQC), a high-performance camera system, allows operators to reduce time spent on quality control so they can focus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

CLOSING THE GAP BETWEEN TONER AND OFFSET

Closing the gap between toner and offset, the 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 analog 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, outstanding 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 525 ft/min
CONFIGURATION	I-Twin (duplex/perfecting) four color
THROUGHPUT PER HOUR	13,560 B2 (B2 size is equal to 19.7" x 27.8") sheets or 137,460 letter impressions
MAX. EFFECTIVE MONTHLY DUTY CYCLE	8.2 Mil B2 sheets or 83 Mil letter impressions
TECHNOLOGY	
PRINthead TECHNOLOGY	Canon DigiDot piezoelectric drop-on-demand
RESOLUTION	Up to 1200 x 1200 dpi (131 and 262 ft/min), 1200 x 720 (at 436 ft/min), 1200 x 600 (at 525 ft/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	21.89"
SUBSTRATES	Offset coated gloss, matte, silk, dull, uncoated, inkjet
PAPER WEIGHT ²	28 – 300 GSM
PAPER TRANSPORT	Tight web, pinless, automatic tension control
PHYSICAL DATA TWIN PRESS ONLY	
LENGTH x WIDTH	46.7' x 13.3'
HEIGHT	6.64'
WEIGHT	33,753 lbs.
POWER CONNECTION PRINTER	
CONNECTION	Tower 1: 400 V / 39 kW 56 A; 400V/125kW 180 A Tower 2: 400 V / 39 kW 56 A; 400V/125kW 180 A Controller 400V/16 A
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 ³	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 ⁴	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 inches
LIGHT WEIGHT KIT	This option will provide the ability to run 28 GSM media

All information is subject to change without notice.

¹Optional Narrow Web kit must be installed with an optional light weight kit.

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.

³Partly in combination with PRISMAproduction PDF advantage or PRISMAproduction.

⁴Contact Canon Solutions America representative for list of supported inline devices.

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