PASSION MEETS EFFICIENCY

ProStream 2000 series

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The new Canon ProStream 2000 series of high-speed, web-fed inkjet presses takes a class-leading operational efficiency of the ColorStream series and adds the ProStream's premium print quality and substrate versatility, releasing the passion inherent in print. Choose from two models, the ProStream 2080 (80 m/min) and the ProStream 2133 (133 m/min), both built on the same platform as the ProStream 3000 series, but with a 20% shorter physical footprint, providing a winning cost/performance ratio for applications on a wide variety of media.

GO WHERE THE GROWTH IS

With the ProStream 2000 series enables a wider audience of commercial print service providers, book printers and business communications companies to go where the growth is. Offset print quality combined with digital's on-demand, short-run flexibility adds value to high-volume on-demand, personalized application. With less effort and in a more efficient way, it allows enhancing your portfolio with flyers, inserts, brochures, newsletters, premium direct mail, books, medical leaflets, business documentation and communications, helping to take your business to the next level.

THE BENCHMARK FOR QUALITY

ProStream series printer technology is an industry benchmark for inkjet print and application quality. Native 1200 dpi piezo drop-on-demand print heads, multilevel ink droplet size modulation, advanced floatation drying and optimized ink cooling provide a stunning quality finish and helps you boosting productivity – on standard coated and uncoated media from 28 – 150 gsm and up to 300 gsm when required.

THE POWER OF PRISMA

Progress to new levels of productivity which can support your profitability with seamless workflow integration. PRISMA automation and production tools helping you to streamline and automate workflows, which can increase flexibility, efficiency and performance across your business operations.

Canon

ProStream 2000 series

Technical specification

	ProStream 2080	ProStream 2133
Productivity		
Print speed	maximum 80 m/min	maximum 133m/min
Configuration	I-Twin (duplex/perfecting) CMYK color	I-Twin (duplex/perfecting) CMYK color
CMYK duplex max. throughput per minute	112 B2 sheets 4/4 or 1,076 A4 impressions	188 B2 sheets 4/4 or 1,790 A4 impressions
CMYK duplex max. throughput per hour	6,800 B2 sheets or 64,500 A4 impressions	11,300 B2 sheets or 107,500 A4 impressions
Maximum effective monthly duty cycle	3.7 million B2 sheets or 35 million A4 impressions	6.1 million B2 sheets or 58 million A4 impressions
Technology		
Print head technology	DigiDot piezoelectric drop-on-demand	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi, 1200 x 720 dpi (at 133 m/min)
DigiDot technology	Multilevel drop size modulation at nominal speeds	
Ink set[1]	ColorGrip conditioning fluid, 2nd generation CMYK polymer pigment ink set with InkSafe technology	
Paper and print image		
Web width	406 – 558 mm; Narrow Web Option: 292 mm (11.5")	
Substrates	Offset coated gloss, matte, silk, dull, uncoated, inkjet	
Calliper	maximum 300 μm	
Paper weight[2]	28 – 300 gsm	
	80 m/min: maximum 235 gsm	133 m/min: maximum 160 gsm
Paper transport	Tight web, pinless, automatic tension control	
Maximum print width	556 mm (21.88")	
Physical data twin web-to-web[3]		
Length × Width (Roll2Roll)	16,000 x 4,057 mm	
Height	2,025 mm	
Weight	13.900 kg	
Power connection printer		
Connection	Tower 1: 400 V/36 A; 400V/145 A Tower 2: 400 V/36 A; 400V/145 A Controller: 400 V/16 A	
Environmental requirements		
Temperature	20 – 26 °C	
Humidity	40 – 60 % rH.	
Operating noise	Maximum 80 dB	
Workflow		
Logical page length	152 – 1,524 mm (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 output management system	
Connectivity	10 Gigabit Ethernet (copper, optic MMF/SR, optic SMF/LR)	
Operating	Touch screen user interface	
Pre- and post-processing[5]	Inline or offline; barcode controlled	
Options		
Inline Quality Control	Automatic continuous quality control with high speed camera system	
EdgEnhance	High detail sharpness with enhanced rasterizing archtitecture	
Smart ColorGrip	Improve lay-flat with ColorGrip being a more flexible balancer to differences in ink across the image	

All information is subject to change without notice.
[1] Inks contain materials that may be considered a Volatile Organic Component. Please consult your local regulators for clarification and a possible obligation for permission.
[2] Tests are recommended for papers outside the specified range. <40 gsm with positive media testing
[3] Total dimensions and weight may vary dependent on pre- and post-processing equipment.
[4] Partly in combination with PRISMAproduction
[5] Please contact Canon representative for list of supported inline devices.