THE ART OF GOING BEYOND

ProStream 3000 series

EXPLORE NEW APPLICATION POSSIBILITIES

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 broader range of commercial print jobs. It delivers speed, efficiency and media versatility to help print businesses reduce turnaround and makeready time and waste, making today's shrinking run lengths more profitable and meeting brand owners' demands for faster time to market.

Capable of printing at a maximum speed of 160 m/min, the ProStream 3000 series produces excellent print quality on a wide range of substrates and weights, including standard offset coated, uncoated and inkjet-optimised papers up to 300 gsm. Its unique asymmetric drying architecture optimises drying efficiency, allowing even 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 colour output.

NEW INK BOOSTS PRODUCTIVITY EVEN FURTHER

Users of the ProStream Series 3000 can now boost productivity even further with a new ink set that enables the ProStream 3160 to print at 160 m/min on papers up to 130 gsm – a productivity increase of 20% over printing the same paper at 133 m/min. The new ink also extends the weight of media that can be printed at 133 m/min, providing a 48% increase in productivity compared to using the previous ink set.

SEAMLESS WORKFLOW INTEGRATION

PRISMA print workflow automation and production tools are the ideal companion to the ProStream 3000 series. The software streamlines and automates workflows to increase flexibility, efficiency and performance across operations. PRISMA empowers businesses to progress to new levels of productivity and profitability.

Canon

ProStream 3000 series

Technical specification

	ProStream 3080	ProStream 3133	ProStream 3160
Productivity			
Print speed	maximum 80 m/min	maximum 133 m/min	maximum 160 m/min
Configuration	I-Twin (duplex/perfecting) CMYK color	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	226 B2 sheets 4/4 or 2,154 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	13,560 B2 sheets or 129,240 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	7.32 million B2 sheets or 69.7 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)	1200 x 1200 dpi 1200 x 600 dpi (at 160 m/min)
DigiDot technology	Multilevel drop size modulation at nominal speeds		
Ink set[1]	ColorGrip conditioning fluid, CMYK polymer pigment ink set with InkSafe technology		
Paper and print image			
Web width	406 – 558 mm; Narrow Web Option: 292 mm		
Substrates	Offset coated gloss, matt, silk, uncoated, inkjet		
Calliper	maximum 300 µm		
Paper weight[2]	28 – 300 gsm		
Paper transport	Tight web, pinless, automatic tension control		
Maximum print width	556 mm		
Physical data twin web-to-web[3]			
Length × Width (Roll2Roll)	18,915 x 4,057 mm		
Height	2,025 mm		
Weight	15,910 kg		
Power connection printer			
Connection	Tower 1: 400 V/56 A; 400V/180 A Tower 2: 400 V/56 A; 400V/180 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)		
Inline Quality Control	Automatic continuous quality control with high speed camera system		
Operating	Touch screen user interface		
Pre- and post-processing[5]	Inline or offline; barcode controlled		
Options			
EdgEnhance	High detail sharpness with enhanced rasterizing archtitecture		
Lightweight Paper Option	Enables printing on paper weights down to 28gsm.[2]		

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 and installed Lightweight Paper option

[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.