

ColorStream 6000

NEXT LEVEL COLOUR PRINTING: EFFICIENCY MEETS CHROMA

The ColorStream 6000 is a highly versatile inkjet web press combining outstanding quality and flexibility for the efficient and reliable production of mail, publishing and transactional applications.



Proven concept

The ColorStream 6000 series offers excellent DigiDot quality for brilliant output with industry-leading flexibility and reliability of the ColorStream series. The series consists of four family members, ranging from 48 up to 127 meters per minute in full colour and optional 150 meters per minute in black and a print width of up to 21.25" (540 mm) and paper width up to 22" (560 mm).

The ColorStream 6000 series can be configured with up to 6 colours for monochrome, full colour and special inks to add extra value by using MICR or security inks. Unique capabilities that reduce paper waste, the HeadSafe concept and supreme ease of operation offer productivity and sustainability like no other system.

The ColorStream 6000

For highest quality in transactional, publishing and direct mail applications, the ColorStream 6000 features the new Chromera ink set, offering outstanding colour fidelity, wider gamut and higher optical densities. Even colour shadings with advanced image processing and consistent droplet positioning with Prefire technology extend the application range of the press to lighter weight media with reduced ink show-through and enables the delivery of higher quality documents on uncoated or inkjet treated papers.

Canon

ColorStream 6000

Streamlined design for best fit

The ColorStream 6000 series builds on a successful family and packs its capabilities into an extremely compact concept. The well-received design with a reduced footprint for a better output per area ratio will be enhanced with the option to customise the casing for a better corporate identity promotion. The ColorStream 6000 can integrate with partner finishing solutions for cutting, folding, stitching, perforating, and inserting. A smart post-processing interface Type 1 universal ensures best performance.

Seamless workflow integration

Higher quality and productivity are further enabled by the latest advancements in the state of the art PRISMA workflow and SRA MP Controller. The latest Adobe PDF Print Engine with PDF X support ensure comprehensive support for Graphic Arts workflows and make the ColorStream the industry benchmark for productivity. Latest advancements in AFP/IPDS (IS/3) ensure to meet the complex demands in variable data printing.

TECHNICAL SPECIFICATIONS

TECHNOLOGY

Print technology

DigiDot drop-on-demand, piezoelectric
Water based dye, pigment, premium pigment, Chromera ink, Security inks e.g. MICR and UV-visible; InkSafe technology²

Drop sizes

Variable, 5 – 12 picoliter

Paper transport

Pinless, tight web, automatic tension control

Paper input

tight web unwinder (included in basic unit), optional stack infeed³

Paper output

Open post-processing interface with Type1 Universal connectivity, Optional Rewinder or stack outfeed

PAPER

Print width

6.5" – 21.25" (165 mm – 540 mm)

Page length

3" – 60" (76 mm – 1520 mm)

Paper width

6.5" – 22" (165 mm – 560 mm), optional stack infeed 6.5" bis 19.5" (165 mm – 495 mm)

Form length

internal stacker: 7" – 14" (178 mm – 356 mm), stack height max. 300 mm

Paper weight⁶

60 – 160 gr/m², optional stack infeed 64 – 120 gr/m²

Substrates

Preprinted, uncoated and inkjet treated

Reel shafts

70 mm, 3", 5" and 6"

PHYSICAL DATA

Length x Width (Single)⁵

7,460 mm x 1,400 mm

Length x Width (Inline Twin)⁵

11,950 mm x 1,400 mm

Length x Width (L-Twin)⁵

7,700 mm x 7,000 mm

Length x Width (H-Twin)⁵

8,000 mm x 5,100 mm

Height

1,950 mm

Weight (Single)

2,500 kg

Weight (Twin)

5,300 kg

POWER CONNECTION REQUIREMENTS

Connection (EU)

400 V, 63 A

ENVIRONMENTAL

Temperature

20 – 26 °C

Humidity

40 – 60%

Operating noise

Maximum 75 dB

WORKFLOW

Controller

SRA MP high-performance blade processors

Printer data format⁴

AFP / IPDS (IS/3), PDF (APPE), Line Data, LCDS, PostScript, PPML, TIFF, VIPP, PCL 6

Print manager (optional)

PRISMAproduction

Connectivity

Gigabit Ethernet (copper); 10 Gigabit Ethernet (copper, Optic MMF/SR, Optic SMF/LR)

All information is subject to change without notice.

¹ ColorStream 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 Please contact your local sales representative for details

³ Max. print speed with optional stack infeed 75 m/min or 505 A4/min

⁴ Partly in combination with PRISMAproduction

⁵ Roll-to-roll configuration including unwinder and rewinder

⁶ Depending on the type of ink and given that paper test results are positive, the paper range can be extended to 40 – 235 gsm

MODEL	ColorStream			
	6200	6500 (Chroma)	6700 (Chroma)	6900 (Chroma)
Print resolution CYMK	600 x 600 dpi*			600 x 600 dpi at 100m/min* 600 x 480 dpi at 127 m/min*
Print resolution fast-monochrome	600 x 600 dpi*			
Print speed CMYK A4 pages per minute (Single/Twin)	324 / 648	505 / 1,010	675 / 1,350	857 / 1,714
Print speed fast-monochrome A4/min (Single/Twin)	1,010 / 2,020			
Duty cycle CMYK million A4 per month (Single/Twin)	2 - 20 / 5-21	4 - 16 / 7 - 33	5 - 22 / 10 - 44	6 - 28 / 12 - 56
Duty cycle fast-monochrome million A4 per month (Single/Twin)	7 - 32 / 14 - 65			
Power consumption (EU) (Single /Twin)	20 kW / 32 kW	21 kW / 34 kW	23 kW / 38 kW	25 kW / 43 kW
Consumption idle (EU) (Single/Twin)	4 kW / 5 kW			

*using Multilevel resulting in a higher apparent resolution



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