ColorStream 8000 series

ELEVATE EFFICIENCY. ACCELERATE GROWTH.

Explore the ColorStream 8000 series, with uninterrupted productivity to meet tight service level agreements. Reduce market price pressures by maximising output and increasing print volumes. Strengthen your position in the market with superior print quality output from native 1,200 dpi printheads at print speeds of up to 160 m/min.

Expand through efficiency & quality

Reduce the effort needed to achieve your production goals. The ColorStream 8000 series incorporates workflow automation features that streamline production processes, maximise uptime and optimise labour.

Streamline your transition

Move confidently to new production processes, to drive targeted content for mass customisation. Whether enabling on-demand printing, white-paper solutions, 1:1 marketing, omnichannel communications, or dynamic publishing solutions, the ColorStream 8000 series will support your business environment.

Tap into new revenue streams

Eliminate printing bottlenecks and open up new business models. The ColorStream 8000 series makes it easy to access broader revenue streams with stunning print quality on a wider range of media and applications. Be ready to address future trends to deliver advanced personalisation, shorter run lengths and stunning inkjet print quality.

Sustainable by design

Manufactured using solar energy and with long-life components, the ColorStream 8000 series is produced for 24/7 productivity, while safeguarding low energy consumption and minimising paper waste with printing on the ramp across a broader range of applications.

Canon

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Technical data

Technology

Inkjet	1,200 dpi DigiDot drop-on-demand, piezoelectric
Ink	ColorStream 8000 water-based pigment inks, MICR*
Drop size	Variable/Multilevel 2 – 5 pl
Paper transport	Pinless, tight web, automatic tension control
Print speed pages per minute	ColorStream 8133: 133 m/min – 1,790 A4 duplex ColorStream 8160: 160 m/min – 2,152 A4 duplex
Max. effective duty cycle	AMPV 15 – 70 Mio A4

Paper

Print width	165 – 560 mm
Page length	76 – 1,520 mm
Paper width	165 – 571.5 mm
Paper weight and calliper	40 – 160 gsm, up to 200 microns; < 40 gsm and > 160 gsm with positive media testing
Substrates	Uncoated, inkjet-treated, pre-printed, recycled, inkjet coated

Power requirements per tower

Connection (EU)**	400V/63A per Tower, 10A per Chiller, 10A per Web Cleaner, 16A Controller
Consumption printing (EU)**	25.4 kVA per Tower
Consumption idle (EU)**	1.2 kVA per Tower

Physical data

Length x Width (per tower)	3,540 x 1,440 mm
Length x Width (twin without PPU***)	8,410 x 2,320 mm
Height	2,000 mm
Weight (per tower)	2,830 kg

Environmental

Temperature	Optimal 20 – 26 °C
Humidity	40 – 60 %
Operating noise	< 80 dBa

Workflow

Controller	SRA MP
Input data format****	AFP/IPDS (IS/3), PDF, PDF/VT (APPE 5), PCL 6, Line Data, LCDS, Metacode, PostScript, PPML, TIFF, VIPP
Print manager (optional)	PRISMAproduction
Connectivity	Gigabit Ethernet (copper); 10 Gigabit Ethernet (copper, Optic MMF/SR, Optic SMF/LR)

General

Print modes	1/1 – 4/4 – 1/0 – 4/0 + MICR
Configuration	Twin system, CMYK + MICR (option) Speed versions: ColorStream 8160; ColorStream 8133

All information is subject to change without notice.
* MICR printing at 600 dpi
** Consumption per tower at typical printing conditions at 160 m/min full colour on 90 gsm media with 560 mm print width
*** Paper Processing Unit
**** Partly in combination with PRISMAproduction