

# THE ESSENCE OF COLORSTREAM

## ColorStream 7000 series



Canon has been the worldwide leader in high-speed digital web-fed colour inkjet since 2010. The ColorStream 7000 series is part of this long tradition of innovation and reliability. It's targeted for mid-range monthly workloads that let you handle transactional printing, book production and direct mail with high and consistent quality on uncoated and inkjet-treated papers. Built on more than 15 years of ColorStream engineering, it delivers the maturity, reliable performance and confidence that defines the ColorStream family.

### **THE ESSENCE OF EFFICIENT & RELIABLE PRODUCTION**

Operational efficiency is deeply embedded in the ColorStream DNA. The ColorStream 7000 series brings this heritage forward with intelligent automation features designed to minimise waste and maximise throughput. Reliability has been the defining characteristic of the ColorStream family, and the ColorStream 7000 series advances this legacy.

With high technical availability, the ColorStream 7000 series is designed to keep your production running smoothly.

### **THE ESSENCE OF INNOVATION FOR THE LONG RUN**

The ColorStream 7000 series is built on a modern technology platform designed to deliver long-term performance and serviceability.

The ColorStream 7000 series incorporates the latest SRA (Scalable Raster Architecture) MP (Massive Parallel) controller generation, giving you a robust, fast-response technical infrastructure.

### **THE ESSENCE OF TRUE PARTNERSHIP**

Around the world, Canon customers benefit from our deep expertise in inkjet technology and extensive market insights as well as a global sales and service network that supports time sensitive SLAs and keeps production running.

With its modern technology platform, intuitive operation, energy efficient design and global service support, the ColorStream 7000 series brings together the engineering maturity of the ColorStream family with the forward looking capabilities required for today's production environments. It brings you the true essence of ColorStream.

# ColorStream 7000 series

## Technical specification

	ColorStream 7075	ColorStream 7100	ColorStream 7127
Ink <sup>1</sup>	Water-based pigment ink		
Resolution (max.)	600 x 600 dpi		
Print speeds (upgradable)	48 m/min @ 600 x 600 dpi 75 m/min @ 600 x 600 dpi	48 m/min @ 600 x 600 dpi 75 m/min @ 600 x 600 dpi 100 m/min @ 600 x 600 dpi	48 m/min @ 600 x 600 dpi 75 m/min @ 600 x 600 dpi 100 m/min @ 600 x 600 dpi 127 m/min @ 600 x 480 dpi
Print width	165.0 – 539.25 mm (6.5" – 21.23")		
Variable page length	76 – 1524 mm (3" – 60")		
<b>Productivity</b>			
CMYK duplex throughput (max.) (2-up) <sup>2</sup>	1010 A4/min	1350 A4/min	1714 A4/min
Effective duty cycle	Up to 56 million A4 impressions per month		
<b>Paper types: offset uncoated, inkjet-treated, inkjet-coated matte, pre-printed, recycled, pre-perforated, etc.</b>			
Web width	165.0 – 571.5 mm (6.5" – 22.5")		
Paper weight <sup>3</sup>	60 – 160 g/m <sup>2</sup>		
Calliper <sup>4</sup>	200 µm (up to 300 µm with positive paper testing)		
<b>Configurations</b>			
Configuration (upgradable)	Mono (1/1) and Color (4/4)		
Layout	I-Twin		
I-Twin	8.4 (L) x 2.32 (W) x 2 (H) m		
Weight (per Tower)	2670 kg		
<b>Power connection</b>			
Per print tower	400V, 63A, 50Hz/60Hz		
Per chiller	10A		
Per active web cleaner (optional)	10A		
SRA MP controller	400V 16A		
Energy consumption per tower <sup>5</sup>	19kW		
<b>Operating environment</b>			
Temperature	20 – 26 °C		
Humidity	40 – 60% rH.		
Operating noise	< 80 dB(A)		
<b>Workflow</b>			
Controller	SRA MP Controller		
Data format <sup>6</sup>	IPDS, PDF; PDF/X and PDF-VT in combination with PRISMAproduction or 3rd party products		
Production efficiency features	Slow request, waste-free print pause, print in inspection mode, and print in ramps		

All information is subject to change without notice.

<sup>1</sup> Inks contain materials that may be considered a Volatile Organic Component. Please consult your local regulators for clarification and a possible obligation for permission.

<sup>2</sup> Performance of the press and its productivity can be influenced by a variety of factors such as press settings, digital front end configurations, print speed, media selection and ambient conditions.

<sup>3</sup> Tests are recommended for the paperweight outside of this range. Please contact your Canon representative.

<sup>4</sup> Tests are recommended for the paper thickness outside of this range. Please contact your Canon representative.

<sup>5</sup> Tested under the lab condition at a print speed of 127 m/min in CMYK duplex on the 90 gsm paper with the paper width of 520 mm. The energy consumption values of the chiller and controller are not considered.

<sup>6</sup> Partly in combination with PRISMAproduction.

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