



**DATASHEET**

## **COLORSTREAM 6000 SERIES**

### **Next-level inkjet production**

#### **Efficiency, flexibility, quality**

The printing industry is changing fast. It is flexibility and optimal efficiency that helps to ensure long-term success. The ColorStream 6000 series is an adaptable digital printing system for efficient production of monochrome and full-color applications built on the established ColorStream technology. The ColorStream 6000 series supports the most demanding requirements of a wide range of applications in a very compact design.

#### **Built to order**

The ColorStream 6000 series offers industry-leading efficiency with various growth paths to accommodate diversifying application portfolios and increasing volumes. Four models with 157 to 417 ft/m (48 to 127 m/min) and a print width of up to 21.25" (540 mm) can be equipped with one to six color stations for regular, premium, and specialty or security inks, such as MICR, UV-visible, or fugitive. Users can go into overdrive with the optional high speed 492 ft/m (150 m/min) monochrome mode. The ColorStream 6000 is supremely efficient with waste-free print pauses, Canon HeadSafe, and reliable automated operation.

#### **Canon DigiDot – now improved**

At the heart of the ColorStream 6000 series is DigiDot technology. Equipped with Kyocera's reliable print heads, the ColorStream 6000 uses a proprietary hybrid screening technology to achieve a perceived resolution of 1200 dpi, crisp

details, and smooth halftones with less ink. Advanced print head calibration routines, the unique Canon PreFire digital print head maintenance technology, and Ink Economy from Canon are just a few examples of a continuously growing supporting software architecture – all of this is available for upgrades in the field at any time!

#### **Streamlined space-saving layout**

Space is money! The ColorStream 6000 series builds on the space-saving ColorStream 3000Z footprint. It has a depth of 4.6 feet (1.4 m) with a supreme output per square foot ratio in the continuous feed market. That means you can fit a high-productivity, full-color engine into even the tightest infrastructure.

#### **Integrative by design**

The ColorStream 6000 is driven by the powerful SRA MP controller from Canon. Processing print data in real time, it offers all the great benefits of a comprehensive IPDS workflow and its latest advancements (IS/3) also for PDF data input (APPE 3.8).

Combined with the PRISMA software suite from Canon, the ColorStream 6000 series seamlessly integrates into all industry-standard workflows for numerous data formats including PDF, PCL 6, LCDS, VIPP, PPML, and host connectivity like Fujitsu or IBM MVS. It works well with pre-printed, perforated, or punched paper off the roll or from the stack.

	COLORSTREAM 6200	COLORSTREAM 6500	COLORSTREAM 6700	COLORSTREAM 6900
<b>TECHNOLOGY</b>				
Inkjet	DigiDot drop-on-demand, piezoelectric			
Ink <sup>1</sup>	Dye, standard, and premium pigment inks; InkSafe™ technology <sup>2</sup>			
Drop sizes	Variable, 5–12 picoliter			
Operating	Canon look & feel user interface			
Paper transport	Pinless, tight web, automatic tension control			
Print resolution	1200 dpi perceived image quality with multilevel droplet modulation			417 ft/m 600 × 480 dpi with multilevel  328 ft/m 1200 dpi perceived image quality with multilevel
Print speed feet per minute	157	246	328	417
Print speed letter ppm (Single/Twin)	344 / 687	537 / 1074	716 / 1432	909 / 1818
Duty cycle million letter per month (Single/Twin)	10 / 21	16 / 33	22 / 44	28 / 59
<b>PAPER</b>				
Print width	6.5–21.25" (165–540 mm)			
Page length	3– 60" (76–1520 mm)			
Paper width	6.5–22" (165–560 mm)			
Paper weight and caliper	60–160 gr/m <sup>2</sup> , up to 290 microns			
Substrates	Uncoated and inkjet-treated, pre-printed, perforated, or pre-punched			
Reel shafts	3", 5", and 6"			
<b>POWER REQUIREMENTS ROLL TO ROLL CONFIGURATION (50HZ)</b>				
Connection (U.S.)	208 VAC 103 A (per tower)			
Consumption printing (U.S.) (Single/Twin)	11.9 kW / 23.8 kW	12.9 kW / 25.8 kW	15.2 kW / 30.4 kW	17.5 kW / 35 kW
Consumption idle (U.S.) (Single/Twin)	1.4 /kW / 2.8 kW	1.4 /kW / 2.8 kW	1.4 /kW / 2.8 kW	1.4 /kW / 2.8 kW
<b>PHYSICAL DATA</b>				
Length × Width (system only)	137.8" x 55.11"			
Length × Width (roll to roll)	334.64" x 55.11"			
Height	78.74"			
Weight	5512 lbs			
<b>ENVIRONMENTAL</b>				
Temperature	Optimal range 20–26 °C, limited range 16–29 °C			
Humidity	Optimal range 40–60%, limited range 40–80%			
Operating noise	Maximum 75 dB			
<b>WORKFLOW</b>				
Controller	SRA MP high-performance blade processors			
Printer data format <sup>3</sup>	AFP/IPDS (IS/3), PDF (APPE 3.8), PCL 6, Line Data, LCDS, Metacode, PostScript, PPML, TIFF, VIPP			
Print manager (optional)	PRISMAproduction from Canon			
Connectivity	Gigabit Ethernet (copper); 10 Gigabit Ethernet (copper, Optic MMF/SR, Optic SMF/LR)			
<b>OPTIONS</b>				
Paper input	Tight web unwinder, stack infeed, or certified partner pre-processing solutions			
Paper output	Tight web rewinder, stacker, or certified partner post-processing solutions			
Available color configurations, fully upgradeable	1–6			
MICR and special colors	-	•	•	•
Security inks (UV visible, fugitive)	•	•	•	•
Web inspection camera	•			
External dust elimination	•			
Uninterrupted Power Supply	•			
High-speed monochrome mode	-	-	-	•

All information is subject to change without notice.

<sup>1</sup> 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.

<sup>2</sup> Please contact your local Canon Solutions America sales representative for details.

<sup>3</sup> Partly in combination with PRISMAproduction.



For more information, call or visit  
877-623-4969 [CSA.CANON.COM](http://CSA.CANON.COM)

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