

Continuous Feed
Colour
Inkjet
Inks



DATA SHEET

Océ ColorStream 6000 series and Chroma package

NEXT-LEVEL INKJET PRODUCTION

Efficiency, flexibility, quality

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

Built to order

The Océ 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 1 to 6 colour stations for regular, premium, and specialty or security inks, such as MICR, UV-visible, or fugitive. Or go into overdrive with the optional high speed 492 ft/m (150 m/min) monochrome mode. The Océ ColorStream 6000 is supremely efficient with waste-free print pauses, Océ HeadSafe, and reliable automated operation.

Océ DigiDot – now better

At the heart of the Océ ColorStream 6000 series is Océ DigiDot technology. Equipped with Koycera's most reliable print heads, the Océ ColorStream 6000 uses a proprietary hybrid screening technology to achieve a perceived resolution of 1200 dpi, crisper details, and smoother halftones with less ink. Advanced print head calibration routines, the

unique Canon PreFire digital print head maintenance technology, and Océ Ink Economy are just 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 Océ ColorStream 6000 series builds on the space-saving Océ ColorStream 3000Z footprint. It has a depth of 4.6 feet (1.4m) with a supreme output per square foot ratio in the continuous feed market. That means you can fit a high-productivity full-colour engine into even the tightest infrastructure.

Integrative by design

The Océ ColorStream 6000 is driven by the powerful Océ SRA MP controller. 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 Océ PRISMA software suite, the Océ 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.

	OCÉ COLORSTREAM 6200	OCÉ COLORSTREAM 6500	OCÉ COLORSTREAM 6700	OCÉ COLORSTREAM 6900
TECHNOLOGY				
Inkjet		Océ DigiDot drop-on-demand, piezoelectric		
Ink ¹		Dye, standard and premium pigment inks; InkSafe™ technology ²		
Drop sizes		Variable, 5-12 picoliter		
Operating		Océ 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
PAPER				
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 ² , up to 290 microns		
Substrates		Uncoated and inkjet-treated, pre-printed, perforated or pre-punched		
Reel shafts		3", 5" and 6"		
POWER REQUIREMENTS ROLL TO ROLL CONFIGURATION (50Hz)				
Connection (US)		208VAC 103 A (per tower)		
Consumption printing (US) (Single/Twin)	11.9kW / 23.8kW	12.9kW / 25.8kW	15.2kW / 30.4kW	17.5kW / 35kW
Consumption idle (US) (Single/Twin)	1.4 /kW / 2.8kW	1.4 /kW / 2.8kW	1.4 /kW / 2.8kW	1.4 /kW / 2.8kW
PHYSICAL DATA				
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		
ENVIRONMENTAL				
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		
WORKFLOW				
Controller		Océ SRA MP high-performance blade processors		
Printer data format ³		AFP/IPDS (IS/3), PDF (APPE 3.8), PCL 6, Line Data, LCDS, Metacode, PostScript, PPML, TIFF, VIPP		
Print manager (optional)		Océ PRISMAproduction		
Connectivity		Gigabit Ethernet (copper); 10 Gigabit Ethernet (copper, Optic MMF/SR, Optic SMF/LR)		
OPTIONS				
Paper input		Océ tight web unwinder, Océ stack infeed or certified partner pre-processing solutions		
Paper output		Océ tight web rewinder, Océ stacker or certified partner post-processing solutions		
Available colour configurations, fully upgradeable		1-6		
MICR and special colours	-	•	•	•
Security inks (UV visible, fugitive)	•	•	•	•
Web inspection camera		•		
External dust elimination		•		
Uninterrupted Power Supply		•		
Chroma package	•	•	•	•
High-speed monochrome mode	-	•	•	•

All information is subject to change without notice.

¹ Océ 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 Partly in combination with Océ PRISMAproduction



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