



Océ ColorStream Twin series

Smart Communication in Color



Océ twin flexibility combined with inkjet productivity

In times of changing customer requirements, it is unlimited flexibility of your printing system combined with optimal efficiency that ensures your long term success. The Océ ColorStream® Twin series is your reliable and adaptable digital printing system that enables you to efficiently print monochrome as well as full-color applications. For a wide range of applications like transaction, TransPromo, Direct Mail or books and manuals, the Océ DigiDot® will fulfill the most demanding requirements while retaining full simplex and duplex productivity based on the established Océ twin concept.

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Top-notch productivity

The Océ ColorStream Twin series combines the excellent and proven Océ DigiDot quality for brilliant full-color output with the industry-leading configuration flexibility of the Océ VarioStream® series. The Océ ColorStream Twin series can be configured as a single simplex unit or as flexible twin configuration for unrestricted duplex and simplex productivity at a printing speed of 246/328 feet per minute and a print width of 21.25". That translates to 537/716 letter (single) or 1074/1432 letter (twin) impressions per minute with a resolution of 600 x 600 dpi with multilevel technology for 1200 dpi perceived image quality in images and halftones. The twin configuration easily supports monthly volumes of up to 32-43 million letter.

The Océ ColorStream Twin series can be configured as dedicated monochrome solution and may be upgraded to full color. An optional 5th and 6th color can be utilized to add extra value to applications by using special inks like MICR.

Océ DigiDot imaging technology

The Océ ColorStream Twin series incorporates many proven Océ inkjet components including the Océ DigiDot piezoelectric drop-on-demand technology which employs the industry's fastest and most reliable printheads. By varying the ink droplet size and multilevel dot modulation, the Océ ColorStream Twin series produces crisp details and smooth halftones with less ink and less waste on special and standard

papers between 60 and 160 g/m² using new high fidelity pigment inks.

Seamless workflow integration

Powered by the third generation of the Océ SRA® MP controller and the powerful Océ PRISMA® software suite, the Océ ColorStream Twin series is designed for seamless integration with industry-standard workflows and the rigorous demands and data rates of high-speed full-color printing. The SRA MP controller supports the latest advances in AFP color technology and PDF printing through the incorporated Adobe PDF Print Engine 2.5.

Océ ColorStream Twin series		
Océ ColorStream 3500		Océ ColorStream 3700
Technology		
Inkjet	Océ DigiDot drop-on-demand, piezoelectric	
Ink	Water based dye and pigment, InkSafe™ technology ²	
Drop sizes	Variable, 5–12 picoliter	
Operating	Océ next generation look & feel user interface	
Paper transport	Pinless, tight web, automatic tension control	
Paper input	Océ tight web unwinder (included in basic unit)	
Paper output	Open post-processing interface with Type1 connectivity	
Print resolution	1200 dpi perceived image quality with multilevel	
Print speed letter pages per minute (Single/Twin)	537/1074	716/1432
Duty cycle million letter per month (Single/Twin)	4–16 / 7–33	5–22 / 10–44
Paper		
Print width	6.5"– 21.25" (165–540 mm)	
Page length	3"– 60" (76–1520 mm)	
Paper width	6.5"– 21.25" (165–540 mm)	
Paper weight	60–160 gr/m ² ²	
Substrates	Preprinted, inkjet, laser and recycled newspaper	
Reel shafts	70 mm, 3", 5" and 6"	
Power requirements Printing Unit (60Hz)		
Connection (USA)	208 VAC, 103 A (one per tower) ¹	
Consumption printing (USA) (Single/Twin)	16 kW / 32 kW	t.b.a.
Consumption idle (USA) (Single/Twin)	1.4 kW / 2.86 kW	t.b.a.
Environmental		
Temperature	Optimal range 20–26 °C (86–78.8 F), limited range 16–29 °C (60.8–84.2 F)	
Humidity	Optimal range 40–60%, limited range 30–80%	
Operating noise	Maximum 75 dB	
Workflow		
Controller	SRA MP third-generation, high-performance blade processors	
Printer data format	AFP/IPDS, PDF, PCL , Line Data ³ , LCDS ³ , Metacode ³ , PostScript ³ , PPML ³ , TIFF ² , VIPP ³	
Print manager (optional)	Océ PRISMAproduction®	
Connectivity	Gigabit Ethernet	
Options		
Available color configurations, fully upgradeable	1/0– 6/6	
MICR and special colors	■	
Web inspection camera	■	
Rewind unit	■	
Operator attention light	■	
Paper dust elimination system	■	
Adobe PDF Print Engine 2.5	■	
Operator calibration	■	

	Single system	Twin systems
Physical data (roll to roll without paper)²		
Length x Width	293.7" x 98.5"	Inline Twin: 470.5" x 98.5" L-Twin: 421.25" x 348" H-Twin: 334.6" x 334.6"
Height	74.8"	
Weight	5511.55 Lbs	11684.5 Lbs

¹ Additional power configurations available. Contact your sales representative for details

² Please contact your local sales representative for details

³ Via Océ PRISMAproduction



Printing for Professionals

Océ North America

Production Printing Systems

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Document Printing Systems

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For information and services, call us at: 1.800.523.5444 or visit: www.oceproductionprinting.com



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