Océ
ColorStream
3500

Smart Communication in Color

océ

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® 3500 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.

Canon
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The Océ ColorStream 3500

The Océ ColorStream 3500 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 3500 can be configured as a single simplex unit or as flexible twin configuration for unrestricted duplex and simplex productivity at a printing speed of 75 meters per minute and a print width of 21.25" (approx. 540 mm). That translates to 505 A4 (single) or 1,010 A4 (twin) impressions per minute with a resolution of 600 × 600 dpi with multilevel technology for 1200 × 1200 dpi appearance in images and halftones. The twin configuration easily supports monthly volumes of 4–24 million A4.

The Océ ColorStream 3500 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 3500 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 multi-level dot modulation, the Océ ColorStream 3500 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 3500 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 3500			
	Simplex configuration	I-Twin	L-Twin	H-Twin
Technology				
Inkjet	Océ DigiDot drop-on-demand, piezoelectric			
Ink[1]	Water based dye and pigment, InkSafe™ technology[2]			
Drop sizes	Variable, 7–12 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	600 × 600 dpi; 1,200 × 1,200 dpi image and halftone quality in multilevel mode			
Page composition	2-up simplex	2-up duplex		
Print speed A4 pages per minute	505	1,010		
Duty cycle million A4 per month	4–12	8–24		
Paper				
Print width	6.5"–21.25"			
Page length	6"–54"			
Paper width simplex	6.5"–21.25"			
Paper width duplex	not applicable	6.5"–21.25"		
Paper weight	60–160 gr/m²			
Substrates	Preprinted, inkjet, laser and recycled newspaper			
Reel shafts	70 mm, 3", 5" and 6"			
Physical data (roll to roll)[2]				
Length (without paper)	7,460 mm	11,950 mm	10,700 mm	8,500 mm
Width (without paper)	2,500 mm	2,500 mm	8,840 mm	8,500 mm
Heights	1,900 mm			
Weight (without paper)	2,500 kg	5,300 kg		
Power requirements Printing Unit (50Hz)				
Connection (EU)	400 V, 63 A	400 V, 63 A (2 connections)		
Consumption printing (EU)	16 kW	32 kW		
Consumption idle (EU)	1.4 kW	2.86 kW		
Environmental				
Temperature	Optimal range 20–26 °C, limited range 16–29 °C			
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[3], VIPP[3]			
Print manager (optional)	Océ PRISMAproduction®			
Connectivity	Gigabit Ethernet			
Options (under review)				
Available color configurations, fully upgradeable	1/0 – 6/0	1/1 – 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	■	■		
2-bit multilevel	■	■		

[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] Via Océ PRISMAproduction

Printing for Professionals