Smart Communication in Colour

Océ twin flexibility combined with inkjet productivity

Océ ColorStream 3000 series

you can

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® 3000 series is your reliable and adaptable digital printing system that enables you to efficiently print monochrome as well as full-colour applications. For a wide range of applications like transaction, TransPromo, direct mail or books and manuals, the Océ ColorStream 3000 series, using Océ DigiDot® technology, will fulfil the most demanding requirements, while retaining full simplex and duplex productivity based on the established Océ twin concept.

The Océ ColorStream 3000 series

The Océ ColorStream 3000 series combines the excellent and proven Océ DigiDot quality for brilliant full-colour output with the industry-leading configuration flexibility of the Océ VarioStream® series. The Océ ColorStream 3000 series can be configured as a single simplex unit or as a flexible twin configuration for unrestricted duplex and simplex productivity. The series consists of four family members, ranging from 48 up to 127 metres per minute and a print width of up to 21.25" (540 mm). That translates to 324 up to 1,714 A4 impressions per minute. The configurations easily support monthly volumes of up to 56 million A4 prints. The Océ ColorStream 3000 series systems can be configured as a dedicated monochrome solution and may be upgraded to full colour. An optional 5th and 6th colour can be utilised to add extra value to applications by using special inks like MICR. The productivity, combined with unique capabilities that reduce paper waste, the HeadSafe concept and industry-leading ease of operation offer productivity, efficiency and sustainability unprecedented in inkjet production printing.

Océ DigiDot imaging technology

The Océ ColorStream 3000 series builds on the Océ DigiDot piezoelectric drop-on-demand technology which employs the industry's most reliable printheads. By varying the ink droplet size (multilevel dot modulation) the Océ ColorStream 3000 series produces crisp details and smooth halftones with less ink. At speeds of up to 100 m/min, multilevel technology produces a perceived image quality of 1,200 dpi.

Seamless workflow integration

Powered by the Océ SRA® MP controller and the powerful Océ PRISMA® software suite, the Océ ColorStream 3000 series is designed for seamless integration with industry-standard workflows. The SRA MP controller supports the latest advancements in AFP/IPDS (IS/3) as well as native PCL6 and PDF with the incorporated Adobe PDF Print Engine 2.6.

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Specifications: Océ ColorStream 3000 series

	Océ ColorStream 3200[1]	Océ ColorStream 3500	Océ ColorStream 3700	Océ ColorStream 3900
Technology				
Inkjet	Océ DigiDot drop-on-demand, piezoelectric			
Ink[2]	Water-based dye and pigment, InkSafe™ technology[3]			
Drop sizes	Variable, 5 – 12 picoliter			
Operating	Océ next-generation look and 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 droplet modulation			127 mpm: 600 × 480 dpi with multilevel droplet modulation / 100 mpm: 1200 dpi perceived image quality with multilevel droplet modulation
Print speed A4 pages per minute (Single/Twin)	324/648	505/1,010	675/1,350	857/1,714
Duty cycle million A4 per month (Single/Twin)	2-10/5-21	4-16/7-33	5-22/10-44	6-28/12-56
Paper				
Print width	6.5"–17" (165–431.8 mm)	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/m²			
Substrates	Preprinted, inkjet, laser and recycled newspaper			
Reel shafts	70 mm, 3", 5" and 6"			
Power requirements				
Connection (EU)	400 V, 63 A (one per tower)			
Consumption printing (EU) (Single/Twin)[4]	21 kW / 34 kW	21 kW / 34 kW	23 kW / 38 kW	25 kW / 43 kW
Consumption idle (EU) (Single/Twin)[4]	4 kW / 5 kW	4 kW / 5 kW	4 kW / 5 kW	4 kW / 5 kW
Environmental				
Temperature	Optimal range 20–26 ºC, limited range 16–29 ºC			
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[5]	AFP/IPDS, (IS/3), PDF (APPE 2.6), PCL 6, Line Data, LCDS, Metacode, PostScript, PPML, TIFF, VIPP			
Print manager (optional)	Océ PRISMAproduction®			
Connectivity	Gigabit Ethernet			
Options				
Available colour configurations, fully upgradeable	1/0–6/6	1/0–6/6		
MICR and special colours	●	●		
Web inspection camera	●	●		
Rewind unit	●	●		
Operator attention light	●	●		
Paper dust elimination system	●	●		
Adobe PDF Print Engine 2.6	●	●		
Operator calibration	●	●		

	Single system	Twin systems
Physical data (roll to roll without paper)		
Length × Width	7,460 × 2,500 mm	Inline Twin: 11,950 × 2,500 mm
		L-Twin: 10,700 × 8,840 mm
		H-Twin: 8,500 × 8,500 mm
Height	1,900 mm	
Weight	2,500 kg	5,300 kg

[1] The newly manufactured printing system may use print heads or modules, which have a low usage rate, but are cleaned, tested and certified in accordance with Océ's quality standards prior to their installation.

[2] 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.

[3] Please contact your local sales representative for details.

[4] Power consumption includes unwinder, rewinder and controller (50 Hz).

[5] Partly in combination with Océ PRISMAproduction.

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