Océ ColorWave 910/810

High-speed, single-pass colour inkjet printers for productive, large format printing

Boost large format productivity. Océ ColorWave 910/810 high-speed colour single-pass inkjet printers deliver true colour productivity of more than 600m2 per hour. Enjoy improved performance, stability and running costs.

- True colour productivity of high quality technical drawings, maps and indoor graphics on a range of media with the best ink efficiency
- Fully integrated end-to end workflow with simultaneous unloading and printing
- Versatile media handling with improved folding options
- Good quality Instant-dry prints
- 6 rolls for 1200 metres input capacity, consisting of 3 drawers with 2 roll positions
- Only roll feed is supported by ColorWave 910/810
- Easy to use operator interface supports unattended and automatic delivery of finished output
- Fast predictable processing in end-to-end PDF workflows with Adobe PDF Print Engine 4 (APPE 4.1)
- Robust and productive Windows 8 embedded controller with enhanced security features
- Easily handle large jobs with 3 x 500 GB HDD
- Save on running costs thanks to increased stability and error reduction

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Exceptional productivity

The Océ ColorWave 910 delivers unprecedented print speeds at a consistent 18 linear m/min for quicker turnaround times. Meanwhile the Océ ColorWave 810/910, with speeds of 9 m/min and 18 m/min is the ideal, cost effective replacement for high volume production. Five print heads fire over 3 billion drops of ink every second from more than 350,000 nozzles to cover the full 106 cm (42 inch) width in one pass and deliver impressive results.

Flexible media handling

A 6-roll media input module offers 1,200 metres of input capacity, with rolls up to 200 metres. It also handles widths from 297 mm to 1,067 mm (42 inch) and extensive media types. One roll automatically switches to another when empty or another media type or size is required.

Extensive applications

A four-colour system uses 5 aqueous dye, 2 litre ink tanks, including two blacks for higher optical density, and prints at up to 1600 x 1600 dpi. The high image quality, with fine lines and sharp text, is ideal for extensive applications: from posters and point of sale to maps and technical documents.

Easy-to-use operator interface

A large, bright interface simplifies production management and supports automatic delivery of finished output. Operators can monitor printer status, edit jobs and manage queues with ease and have access to a wider choice of embedded folding templates, including custom options. Ripping and submitting complex files and multipage PDFs is quick and easy thanks to a robust and productive Windows 8 embedded controller, which features enhanced security, improved buffering and Adobe PDF Print Engine 4 (APPE 4.1).

Fully integrated workflow

Fully integrated finishing options support fast, seamless end-to-end workflow – delivering ready-to-use output with super quick turnaround. These include an Océ Estefold 5011/5013 folder (ideal for CAD-GIS) with improved workflow and mechanical fixation to prevent paper jams from folder movement. The Océ Dual Tray High Capacity Stacker (ideal for poster production) enables simultaneous unloading and printing and maximum uptime.

Reduced running costs

Significantly improved stability reduces service costs and enhanced media handling prevents errors when printing long documents. Improvements in the user panel, including a password protected network setting, also help cut overall running costs.

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TECHNOLOGY

Description	High Speed Printing for CAD/GIS and Indoor Graphics
Long description	The Océ ColorWave 810/910 printer series brings the most accurate, true-color productivity of more than 600 m2 per hour, irrespective of the media or finishing method. The smallest ink drop size on the market enables you to print instant-dry high-quality prints at 1,600 dpi, with an ink efficiency up to 3 times greater than the nearest competitor. The wide range of media options makes the Océ ColorWave 810/910 perfect for printing technical drawings, maps and indoor graphics.
Print technology	**Océ Single Pass Technology** Single pass printing with one print array of 5 fixed heads that can fire over millions of tiny ink drops per second from more than 350,000 nozzles Ink dropsize 1.2 picoliter, ink efficient
Ink	5 ink tanks, 2 liters per color (CMYKK)
Speed	**Normal print mode (Océ ColorWave 910):** 18 m/min; 12 in/s 10 E*/A0 per minute, 14 D* per minute, 13 A1 per minute **Enhanced print mode (Océ ColorWave 810/910):** 9 m/min; 6 in/s 5 E*/A0 per minute, 9 D*/A1 per minute
Real Productivity Based on real tests in fastest mode including cleaning cycles**	**Océ ColorWave 910** 42 x 60 inch sheet: 615 m2/hour , 6631 SQF/hour E*/A0 sheet: 430 per hour **Océ ColorWave 810** 42 x 60 inch sheet: 375 m2/hour, 4036 SQF/hour E*/A0 sheet: 270 per hour
Resolution	Normal print mode (Océ ColorWave 910): 1600x800 dpi Enhanced print mode (Océ ColorWave 810/910): 1600x1600 dpi

GENERAL

Configuration	Printer only, 6 rolls
Size main engine (WxDxH)	2020 x 1100 x 1580 mm; 79.5 x 43.3 x 62.2"
Weight main engine	400 kg; 882 lbs
Optional finishing devices	Océ Dual Tray High Capacity Stacker (integrated) estefold 5011 integrated full fold module estefold 5013 integrated full fold +reinforcement module Océ Delivery Tray
Certifications	TüV GS, CETECOM, CE, UL, cUL, CB, FCC Class A, FEMP

PAPER HANDLING

Technology	AutoSwitching Technology: • the correct roll for a print job is selected automatically based on the media type and roll width • Automatic roll switching when end of roll is reached
Paper rolls	6 rolls
Maximum paper capacity	1200 m, 200 m on a roll; 3900 ft, 650 ft on a roll
Paper weight	75 - 190 g/m2; 20 - 46 lb
Roll width	297 - 1067 mm; 11 - 42"
Maximum roll diameter	180 mm; 7.1"
Media types (www.mediaguide.oce.com)	Uncoated paper, Surface-treated paper, Colored paper, Coated paper, Photo paper, Polypropylene, Backlit films, Self-adhesive Vinyl, Self-adhesive Paper, Blue Print paper

CONTROLLER

Description	**Océ PowerSync® controller**
Operating system	Microsoft Windows® 8 Embedded (64-bit)
Processor	Intel® Core™ i7-4770S
Memory	16 GB DDR3 DRAM
Hard disk	3 x 500 GB
Page description language	Adobe® PostScript® 3 / PDF1.7 / Adobe PDF Print Engine 3 (APPE 4.1)

NETWORK INFORMATION

Client operating system support	Windows 2000 / XP / Vista / 7 / 8/ 10 / Server 2003 / Server 2008, Terminal Server, Citrix® MetaFrame, Mac® OS 9 / OS X (Adobe PostScript 3/PDF driver)
Interface	10/100/1000 Base-T with RJ45
Protocols	Network protocols: TCP/IP Printing protocols: LPR, FTP Backchannel protocols: SNMP printer MIB, Océ Wave interface, OCI
Security	HTTPS, extended security protection for administrator, audit logging Configurable HTTPS Certificates

ENVIRONMENTAL

Ozone emissions	Zero
Power requirements	100 - 240 V; 50/60 Hz
Power consumption	Off: less than 0.5 W Ready: less than 100 W Active: less than 400 W

WORKFLOW

Description	Concurrent print and file processing
Printer drivers	Océ PostScript 3 driver
Job submission	Océ Publisher Express, Océ Publisher Select 2, ONYX® Thrive, Repro Desk
Job management	Print and history queue, Smart Inbox, Manage queue, Océ Express WebTools, Secure controller access
Accounting (standard)	Software module in Océ Express WebTools
Accounting (option)	Océ Account Console

Footnotes

- * ANSI

- ** cleaning cycle of aproximatly 30 sec, every 20 prints (default, can be adjusted)

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