

Jump to One

Wide format
colour and B&W,
all-in-one

Océ ColorWave® 300
multifunctional printer

you can



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- One for all: print, copy and scan in colour and B&W
- One that saves: reduce floor space and costs
- One for tomorrow: grow your business sustainably

Jump to One



Océ CW 300 MF Printer



Océ CW 300 MF TDT



Océ estefold 2400



Océ estefold 4211

Océ ColorWave 300 multifunctional printer Wide format colour and B&W, all-in-one

Space and time are often scarce resources that we cannot afford to waste. The Océ ColorWave 300 multifunctional printer effortlessly and efficiently handles all your colour and black and white print, scan and copy jobs, whilst the systems compact design and ergonomic document stacking ensures optimal space saving.



Designed around your needs and our long understanding of the wide format industry, the Océ ColorWave 300 multifunction printer delivers the ease of use and workflow efficiency of an Océ monochrome system and the versatility of a colour printer. It's the first true all-in-one printer for large format users.



Océ ColorWave 300 multifunctional printer

One for all:

Print, copy and scan in colour and B&W

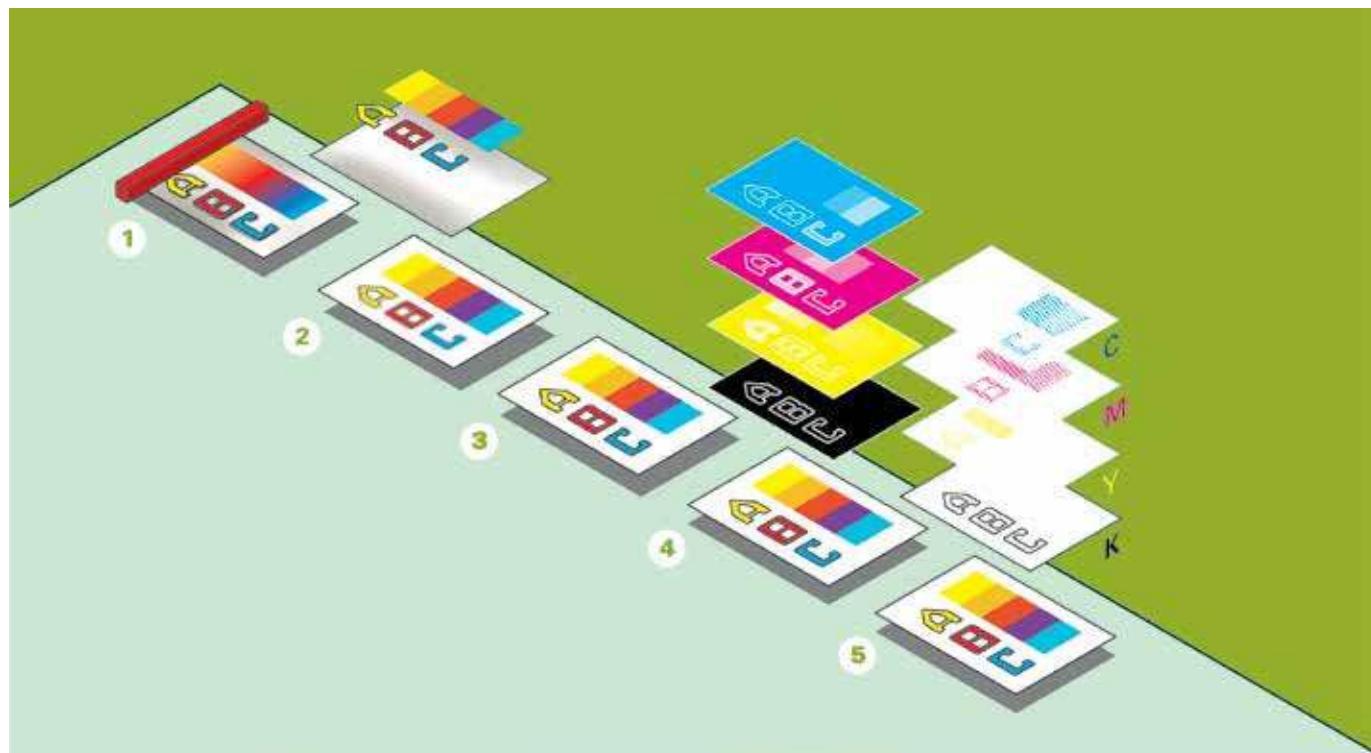
Print, copy and scan all your technical colour and B&W wide format documents on one system. Thanks to the built-in scanner, all functions can be controlled from one simple user panel. Unique Océ technologies, like Océ Color Image Logic®, Océ Dynamic Switching and Océ scan and copy templates ensure first-time-right results. Whether you are printing complex GIS drawings or copying detailed B&W CAD documents.

The powerful controller swiftly handles all file formats – HP-GL/2, PDF, DWF, JPEG and many more – and large files, increasing the total output per hour. Files can be submitted via state-of-the-art drivers and job submission tools. The optional Océ Repro Desk Studio software enables you to preview documents to avoid misprints and effortlessly track your print volumes and costs.

The Océ ColorWave 300 is a true all-in-one multifunctional printer:

- One system for all your applications
- One system to handle all types of file formats
- One system that can be easily operated by all users
- One system that can handle your large format document needs today and tomorrow

Superior scan and copy quality with Océ Color Image Logic



1 Scanning:

scanner efficiently captures the original image

2 Background correction:

removes unwanted wrinkles and background noise without affecting critical information

3 Filtering:

sharpens lines and text

4 Colour management:

matches colours of original to printer ensuring optimal copy quality

5 Halftoning:

converts image to printable data

Wide format colour and B&W, all-in-one

1 Efficient scroll & click control panel

Océ's unique green button technology saves time. Simply scroll and click, select pre-determined copy or scan templates enabling you to get the right scan and copy results at the touch a single button.

2 Time saving templates

Set up custom templates for copy and scan jobs. Format resolution, colour or B&W, file format, destination, etc. Press one button for the right result first time, every time.

3 Convenient USB printing & scanning

Print from and scan to a USB-flash drive. This convenient functionality avoids

the need to transport large volumes of documents and is ideal for revisions.

4 Ergonomic document stacking

Dynamic Anti-Curl (DAC) feature and air separation keeps different sizes and types of media neatly collated and stacked on top of the delivery tray. This avoids time-consuming manual document collation or the requirement for an extra table.

5 Superior colour and B&W scanning with Océ Color Image Logic

Océ Color Image Logic technology automatically compensates for wrinkles and background noise without affecting information.

6 High print quality ensured with Océ Dynamic Switching technology

Automatically determines the best printing mode for each part of the plot, maximising productivity.

7 Uninterrupted operation

Print, copy and scan concurrently. Add ink and paper while system during operation. Easily load new media. Paper is fed, cut and sized – automatically.

8 Efficient workflow

Océ Express WebTools provides a web-based job submitter so users can print from any desktop without installing additional software. Control costs with optional Océ Repro Desk Studio.



One that saves: reduce floor space and costs

Save on floor space by replacing printers and scanners with a single system that can handle both colour and B&W. The optional top delivery tray eliminates the need for an extra table. Neatly stacked copies/prints can be easily picked up from the front. Media and ink can be loaded from the front. This minimises the operational footprint.

Save on costs by investing in one system to do colour and B&W tasks. Working with an all-in-one system reduces supplies and IT support. The compact design and inkjet technology drastically reduces energy consumption compared to conventional B&W systems. Reduce labour time and costs by adding an online fanfolder or fullfolder. The output will be folded automatically with no manual intervention required.



One for tomorrow: grow your business sustainably

Increase your competitive edge by applying colour to enhance documents and make your company stand out from the crowd. The Océ ColorWave 300 multifunction printer system delivers ease of use, workflow efficiency of an Océ B&W system and the versatility of a colour printer.

The Océ ColorWave 300 multifunction printer is proof of your commitment to sustainability. Waste is eliminated by using automatic original and media size recognition and image positioning features to avoid misprints. And your working environment is not affected by ozone, dust or odours.



General	
Description	Wide format colour and B&W, all-in-one (single footprint print/copy/scan/stack system)
Type	Thermal inkjet with Océ Dynamic Switching
Speed	B&W: 41 seconds/A0; colour: 63 seconds/A0
Warm-up time	Instant on
Configurations	Océ ColorWave 300 R; includes receiving tray Océ ColorWave 300 T; includes top delivery tray and receiving tray
Roll options	2 rolls (standard)
Output delivery	Front-accessible receiving tray Top delivery tray with dynamic anti-curl feature, stacks up to 50 sheets depending on media type and size
Certifications	EPA ENERGY STAR®, TÜV GS, CETECOM, CE, UL, cUL, CB, FCC, RoHS, FEMP
Printer	
Print resolution	True: 600 x 600 dpi
Paper capacity	Up to 120 m per roll, standard 2 rolls; includes automatic roll selection and reload while printing
Output sizes width	279 mm - 914 mm
Output sizes length	210 mm - 45 m (might influence side margins when longer than 5 m)
Paper weight	56 g/m² - 175 g/m²
Media type (www.mediaguide.oce.com)	Uncoated papers, recycled papers, coated papers, transparent papers, photo papers and films
Controller	
Controller type	Embedded PowerM controller with Windows® XP Embedded
Memory	1 GB
Hard drive	160 GB
Page description language	HP-GL, HP-GL/2, TIFF, JPEG, DWF, Adobe® PS/PDF (option) CALS, NIFF, NIRS, ASCII, CalComp 906/907/951, C4
Scanner	
Scanner type	Contact Image Sensor (CIS) with Océ Color Image Logic technology
Scan resolution	Optical resolution 600 dpi x 600 dpi
Scan speed	Up to 11.7 m/min (monochrome), up to 3.9 m/min (colour)
Scan format	TIFF, PDF (PDF/A), JPEG, CALS, Multipage TIFF & PDF/A
Scan destination	Local USB flash drive, controller, network via FTP or SMB, 10 programmable destinations
Original size width / length	208 mm - 914 mm / 208 mm - 16000 mm; includes automatic width detection
Original thickness	Up to 0.8 mm (non rigid media)
Scaling	Scale to standard format and custom scale 10 % - 1000 %
Preset modes	Colour: folded line/text, line/text, map, artwork, photo Grayscale/B&W: folded line/text, line/text, coloured original, photo, blueprint, dark original
Print, copy and scan workflow	
General workflow	Concurrent print, copy, scan and file processing
Submission	Single files: local USB flash drive, Microsoft® certified Océ Windows driver, Océ PostScript®3 driver Sets of files: local USB flash drive, Integrated web-based job submission Océ Publisher Express, advanced Windows based job submission Océ Publisher Select
Job and device management	Océ Express WebTools: single interface to view and control the system via an Internet browser without installing additional software Remotely monitor and manage the system status, default settings, network configurations, updates, shutdown and restart. Includes personal Smart Inbox for organising print jobs and queue management
Accounting	Océ Repro Desk Studio (option): for registering print, copy and scan activities
Templates	Four user-defined copy & scan templates. Enables recurring tasks to be performed at the touch of a single button



Options	
Hardware	Océ Scanner Express (integrated on top of the printer for copying and scanning) Top delivery tray with dynamic anti-curl feature: for stacking of different media types and sizes Integrated online fanfold: Océ estefold 2400 Integrated online fullfold: Océ estefold 4211
Software	Adobe PostScript 3/PDF file interpreter. Enables the submission of PDF files with USB flash drive or job submission tools directly to the printer Océ Repro Desk Studio: for printing to multiple wide format devices, viewing and cost tracking Océ Account Center: featuring customised accounting fields and copy/print/scan lock out
Network information	
Client OS support	Océ Windows driver for Windows Vista (32 & 64bits), XP and Server 2003. Windows Terminal Server, Citrix Metaframe and presentation server Océ PostScript 3 driver for Windows XP and Server 2003. MacOS v9, OSX Océ Express WebTools for Windows Internet Explorer® and Mozilla®Firefox®
Standard interface	Ethernet 100 Mbits/s, 1 Gb/s
Network protocols	TCP/IP, IPv6, IPsec, Windows APIPA
Printing protocols	LPR, Novell®NDPS, FTP
Scanning protocols	FTP, SMB
Security	Electronic file shredding permanently removes all traces of deleted jobs on the controller Complies with DoD 522-22M standard IPsec secures Internet Protocol communications between the client and the printer
Environmental data	
Power consumption active mode (printing)	Engine (printer + scanner): 201 W, controller: 39 W
Power consumption ready mode (standby)	Engine (printer + scanner): 146 W, controller: 39 W
Power consumption sleep mode	Engine (printer + scanner): 3 W EPA ENERGY STAR
Power requirements (V/Hz/A)	100 V - 240 V, 50/60 Hz, 2-4 A
Energy consumption per print	34 Wh calculated average based on an A0-size print and EPA ENERGY STAR TEC method
Sound level (active/ready)	48 dB (A) / 36 dB (A)
Ozone concentrations	None
Recyclability hardware	Designed to be upcycled or recycled. Engine made of steel and recyclable plastics
Recyclability inktanks	Made of recyclable plastics polyethylene and polypropylene
Size engine (printer + scanner) (WxDxH)	1978 x 786 x 1300 mm (including scanner, receiving tray and user panel) 1978 x 916 x 1720 mm (including scanner, top delivery tray, receiving tray and user panel)
Size scanner (WxDxH)	1097 cm x 308 cm x 140 mm (fits on top of print engine)
Weight print engine	180 kg
Weight scanner	24.5 kg
Weight top delivery tray*	37 kg
Supplies	
Consumable type	Océ high density aqueous ink (black: pigment, colour: dye)
Size	Ink tank size: 180 ml - 400 ml; system continues to work if the ink tank is empty

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