



Océ
ColorWave® 300
multifunction
printer

Jump to One



Canon
CANON GROUP

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

Jump to One

- 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 ColorWave 300 R



Océ ColorWave 300 T



with Océ estefold 2400



with Océ estefold 4211

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



Don't waste a bit of precious space. Jump to One. The Océ ColorWave 300 multifunction printer effortlessly handles all your colour and B&W print, scan and copy jobs. Neatly collated and stacked documents save even more space.

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 multifunction 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.

Get further flexibility by printing and scanning to a USB-flash drive. The optional Océ Repro Desk Studio software lets you preview prints to avoid misprints and effortlessly track your print volumes and costs.

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

- One system for all your applications
- One system to handle all type 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 without affecting critical light coloured 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 green button approach. Scroll and click to select templates for routine scanning and copying. Dynamic buttons and colour visuals guide you.

2 Time saving templates
Set up custom templates for copy and scan jobs to save time. Format resolution, colour or B&W, file format, destination, etc. Just press a button and start.

3 Convenient USB printing & scanning
Easily print and scan documents with any USB stick so you don't have to haul stacks of plans around. Ideal for frequently revised documents.

4 Neat document stacking
Dynamic Anti-Curl (DAC) feature and air separation keeps different sizes and types of media neatly collated and stacked on top delivery tray. No extra table required.

5 Superior colour and B&W scanning with Océ Color Image Logic
Océ Color Image Logic technology automatically compensates for wrinkles and background without affecting information in light colours.

6 High print quality ensured with Océ Dynamic Switching technology
Automatically determines the best printing mode for each part of the plot. Maximises productivity for mixed drawings.

7 Uninterrupted operation
Print, copy and scan at the same time. Add ink and paper while system is running. 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 monochrome or colour as needed to enhance documents and make your company stand out. The Océ ColorWave 300 multifunction printer system delivers the ease of use and 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/Ao; colour: 63 seconds/Ao
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/m ² - 175 g/m ²
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

Software

Network information

Client OS support

Standard interface

Network protocols

Printing protocols

Scanning protocols

Security

Environmental data

Power consumption active mode (printing)

Power consumption ready mode (standby)

Power consumption sleep mode

Power requirements (V/Hz/A)

Energy consumption per print

Sound level (active/ready)

Ozone concentrations

Recyclability hardware

Recyclability inktanks

Size engine (printer + scanner) (WxDxH)

Size scanner (WxDxH)

Weight print engine

Weight scanner

Weight top delivery tray*

Supplies

Consumable type

Size

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
 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

Océ Windows driver for Windows 7, Vista (32 & 64 bits), XP and Server 2003, Server 2008. 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®

Ethernet 100 Mbits/s, 1 Gb/s

TCP/IP, IPv6, IPsec, Windows APIPA

LPR, Novell®NDPS, FTP

FTP, SMB

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

Password protection of settings on the control panel

Engine (printer + scanner): 201 W, controller: 39 W

Engine (printer + scanner): 146 W, controller: 39 W

Engine (printer + scanner): 3 W EPA ENERGY STAR

100 V - 240 V, 50/60 Hz, 2-4 A

34 Wh calculated average based on an A0-size print and EPA ENERGY STAR TEC method

48 dB (A) / 36 dB (A)

None

Designed to be upcycled or recycled. Engine made of steel and recyclable plastics

Made of recyclable plastics polyethylene and polypropylene

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)

1097 cm x 308 cm x 140 mm (fits on top of print engine)

180 kg

24,5 kg

37 kg

Océ high density aqueous ink (black: pigment, colour: dye)

Ink tank size: 180 ml - 400 ml; system continues to work if the ink tank is empty

Beyond the Ordinary

Environmental Certifications



Awards Océ Wide Format Printing Systems



Partner Certifications



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Printing for Professionals

Creating global leadership in printing

Canon and Océ have joined forces to create the global leader in the printing industry. For our customers this combines Canon and Océ technology with the support of the Océ direct sales and service organisations. Look to the new Canon-Océ combination for:

- Enterprise printing in the office and corporate printroom
- Large format printing of technical documentation, signage and display graphics
- Production printing for marketing service bureaus and graphic arts
- Business Services for document process outsourcing

Océ Technologies B.V.

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