

Jump to One



Océ ColorWave 300 multifunction system
All-in-one large format color system

Jump to One

- One for all: print, copy, and scan in color and black and white
- One that saves: reduce floor space and labor
- One for tomorrow: grow your business sustainably





Océ ColorWave 300 multifunction system

Large format color, all in one

Don't waste a bit of valuable space. Jump over to the one system that can do it all. The Océ ColorWave® 300 multifunction system effortlessly handles all your color and black and white print, scan, and copy jobs. And the optional top delivery tray saves even more space by neatly collating and stacking your documents.

Designed around your needs and our long understanding of the large format industry, the Océ ColorWave 300 multifunction system delivers the quality and flexibility of a color printer with the ease of use and workflow efficiency of a monochrome system. It's the first truly integrated all-in-one color multifunction system for large format users.

Océ ColorWave 300 multifunction system

ONE SYSTEM FOR ALL OF YOUR TASKS: PRINT, COPY, AND SCAN IN COLOR AND BLACK AND WHITE

Print, copy, and scan all your color and black and white, large format documents on one system. Thanks to the top mounted scanner, all functions can be controlled from one simple user panel. Unique Océ technologies, like Océ Image Logic® technology ensures first-time right results, while Océ Dynamic Switching technology maximizes productivity of mixed drawings—all without complex print settings or user configuration. Whether you are printing complex GIS or BIM drawings or copying detailed black and white CAD documents, the Océ ColorWave 300 multifunction system is up for the job.

The powerful controller swiftly handles the most widely used file formats — HP-GL/2, PDF, DWF, JPEG and many more — and large files in concurrent operation without sacrificing speed. Files can be submitted via state-of-the-art drivers and job submission tools.

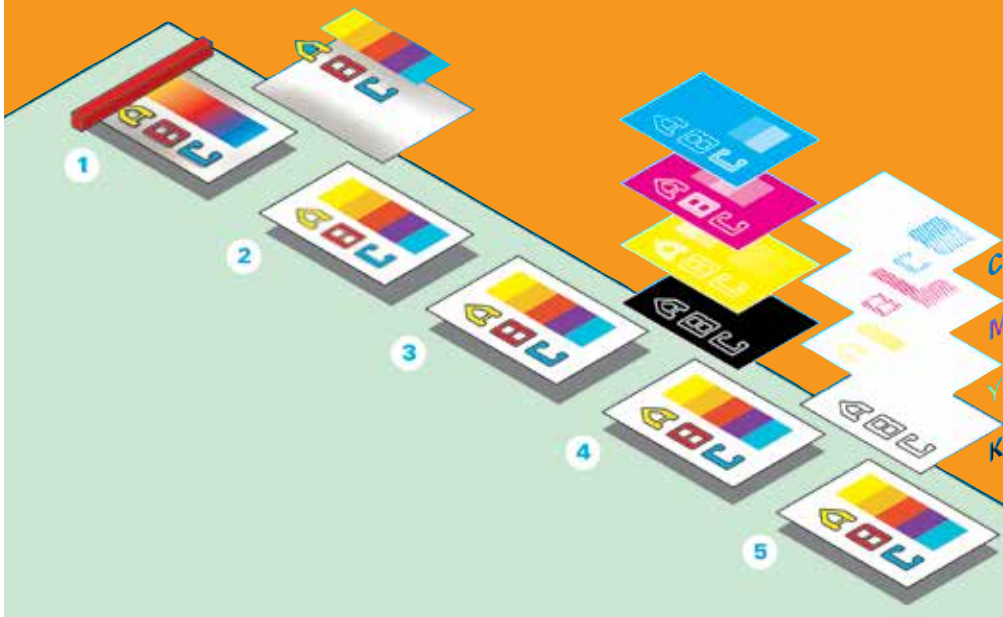
Realize further flexibility by printing from and scanning to a USB flash drive. And powerful job management software such as Océ Publisher Select™ provides an interactive preview showing the effects of selected settings on the output to avoid misprints.

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

- One system for all your technical applications
- One system that can be easily operated by all users
- One system footprint for stacking all your documents
- One system that can handle your large format document needs today and tomorrow

ACHIEVE SUPERIOR SCAN AND COPY QUALITY WITH OCÉ COLOR IMAGE LOGIC TECHNOLOGY

- 1 SCANNING:** scanner efficiently captures the original image
- 2 BACKGROUND CORRECTION:** removes unwanted wrinkles and background without affecting critical light colored information
- 3 FILTERING:** sharpens lines and text
- 4 COLOR MANAGEMENT:** matches colors of original to printer ensuring optimal copy quality
- 5 HALFTONING:** converts image to printable data



All-in-one large format color system



1 EFFICIENT SCROLL AND CLICK USER PANEL

Simply scroll and click to select with smart buttons and color visuals to clearly guide you through copy, scan, and print jobs.

2 TIME SAVING TEMPLATES

Templates enable recurring tasks to be performed at the touch of a single button. Format resolution, color or B&W, file format, destination, etc. Just press a button and start.

3 CONVENIENT USB PRINTING AND SCANNING

Easily print and scan documents, on the spot, with a USB flash drive so you don't have to haul stacks of plans around. Ideal for frequently revised documents.



4 NEAT DOCUMENT STACKING

Active curl guide and air separation keeps different sizes and types of media neatly collated and stacked on optional top delivery tray. No extra space table required.

5 SUPERIOR COLOR AND BLACK AND WHITE SCANNING WITH OCÉ COLOR IMAGE LOGIC TECHNOLOGY

Océ Color Image Logic™ technology automatically compensates for wrinkles and background to produce superior results without affecting information in light colors.

6 HIGH PRINT QUALITY AND PRODUCTIVITY ENSURED WITH OCÉ DYNAMIC SWITCHING TECHNOLOGY

Automatically determines the best print setting for each part of the plot. Delivers high print quality without sacrificing productivity.

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. Track costs with optional Océ Repro Desk® Studio software.

ONE SYSTEM THAT SAVES: REDUCE FLOOR SPACE AND COSTS

Reduce floor space requirements by replacing multiple printers and scanners with a single system that can handle both color and monochrome output. The top delivery tray eliminates the need for an extra stacking table, allowing neatly collated copies/prints to be easily picked up from the front. Media and ink are loaded from the front for further convenience.

Reduce cost by investing in one system to do both color and monochrome tasks. Consolidating multiple devices to one system simplifies supply requirements and IT support resources. And the design and technology of the Océ ColorWave 300 multifunction system lowers energy consumption compared to conventional monochrome systems.

ONE SYSTEM TO GROW WITH YOUR NEEDS: GROW YOUR BUSINESS SUSTAINABLY

Boost your competitive edge by applying monochrome or color as needed to enhance documents and make your company stand out. The Océ ColorWave 300 multifunction system easily accommodates monochrome jobs without compromising on throughput for color applications.

The Océ ColorWave 300 multifunction system helps achieve a more sustainable working environment. 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 odors.



GENERAL

Description
Technology
Number of inks/printheads
Speed
Warm-up time
Configurations
Roll options
Output delivery
Certifications

Large format color, all-in-one (single footprint print, copy and scan system)
Thermal inkjet with Océ Dynamic Switching technology
3 black printheads (K) and 2 printheads each color (C, M, Y)
Black and white: 41 seconds/E-size; Color: 63 seconds/E-size
Instant on
Océ ColorWave 300 R multifunction system (includes receiving tray)
Océ ColorWave 300 T multifunction system (includes top delivery tray and receiving tray)
2 rolls (standard)
Front-accessible receiving tray
Optional top delivery tray with active curl guide, stacks up to 50 sheets depending on media type and size
ENERGY STAR®, TuV GS, CETECOM, CE, UL, cUL, RoHS, CB, FCC, RoHS, FEMP

PRINTER

Print resolution
Paper capacity
Output sizes width
Output sizes length
Paper weight
Media type (www.oceusa.com/imagingsupplies)

True: 600 × 600 dpi
Up to 395' per roll, standard 2 rolls
11"–36"
8.5"–147'6" (might influence side margins when > 16')
16 lb.–50 lb.
Uncoated papers, recycled papers, coated papers, transparent papers, photo papers and films

CONTROLLER

Controller type
Memory
Hard drive
Page description language

Embedded Océ PowerM® controller with Windows XP® Embedded
1 GB
160 GB
HP-GL, HP-GL/2, TIFF, JPEG, DWF, Adobe® PS®/PDF (option)
CALS, NIFF, NIRS, ASCII, CalComp 906/907/951, C4

SCANNER

Scanner type
Scan resolution
Scan speed
Scan format
Scan destination
Original size width/length
Original thickness
Scaling
Preset modes

Contact Image Sensor (CIS) with Océ Color Image Logic technology
Optical resolution 600 × 600 dpi
Up to 38'/min. (monochrome), up to 13'/min. (color)
TIFF, PDF (PDF/A), JPEG, Multipage TIFF & PDF/A, CALS
Local USB flash drive, controller, network via FTP or SMB
8.2"–36"/8.2"–52'6"
Up to .031" (non rigid media)
Scale to standard format and custom scale 10%–1000%
Color: Artwork, line/text, map, photo
Grayscale/B&W: Line/text, folded line/text, colored original, photo, blueprint, dark original



WORKFLOW	
General workflow	
Submission	
Job management	
Accounting	
Templates	
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	
Noise Level (active/ready)	
Ozone concentrations	
Recyclability hardware	
Recyclability ink tanks	
Size print engine (W x D x H)	
Size scanner (W x D x H)	
Weight	
SUPPLIES	
Consumable type	
Ink tank size	

Concurrent print, copy and scan of single documents or sets
Single files: Local USB flash drive, Microsoft® certified Windows® driver, Adobe® PostScript® 3 driver Sets of files: Local USB flash drive, Océ Publisher Select, Océ Publisher Express (web-based), Océ Client Tools™ Publisher software
Océ Express WebTools single interface to view and control the system via an Internet browser without the need to install additional software Monitor and manage the system status, settings, network configurations, and updates; Includes Smart Inbox
Account Center (option) application featuring customized accounting fields and copy/print/scan lock out Compatible with most third party cost recovery and print tracking software
Four each user-defined copy and scan templates. Enables recurring tasks to be performed at the touch of a single button
Océ Scanner Express (integrated on top of the printer for copying and scanning) Top delivery tray with active curl guide: for stacking of different media types and sizes
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 software: for printing to multiple large format devices, viewing and cost tracking Océ Account Center: featuring customized accounting fields and copy/print/scan lock out
Windows driver for Windows 7 (32 & 64 bit), Vista® (32 & 64 bit), XP (32 & 64 bit), Windows Server® 2008 (32 & 64 bit), and Windows Server® 2003 (32 & 64 bit). Windows Terminal Server, Citrix® Metaframe and presentation server
Ethernet 100 MB/sec., 1GB/sec.
TCP/IP, IPv6, IPX/SPX, Windows APIPA, IPv6
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
Engine (printer + scanner): 201 W, controller: 38 W
Engine (printer + scanner): 146 W, controller: 38 W
Engine (printer + scanner): 3 W, controller: 38 W, ENERGY STAR
100 V –240 V, 50/60 Hz, 9 –4 A
34 Wh calculated average based on an E-size print and EPA ENERGY STAR® TEC method
66 dB (A)/47 dB (A)
None
Designed to be upcycled or recycled. Engine made of steel and recyclable plastics Made of recyclable plastics polyethylene and polypropylene
78" x 31" x 50" (including scanner, receiving tray and user panel) 78" x 36" x 68" (including scanner, top delivery tray, receiving tray and user panel)
43" x 12" x 5.5" (fits on top of print engine)
Print engine: 400 lbs., Scanner: 54 lbs., Top delivery tray: 82 lbs.
Océ high density aqueous ink (black: pigment, color: dye)
Black ink tank size: 200 ml, 400 ml Color ink tanks size: 180 ml, 350 ml

Océ Environmental Certifications



Mixed Sources
Product group from well-managed forests and other controlled sources
www.fsc.org Cert no. SCS-COC-00856
© 1996 Forest Stewardship Council



Awards



communication design award

2006



product design award

2006



product design award

2007 gold



product design award

2008



Partners Certifications



www.cla.canon.com

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

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