



Océ
PlotWave® 300

Join the next wave



Canon
CANON GROUP

Simple, green,
durable, all-in-one
large format system

The next wave in:

- Simplicity: get extra help with your work
- Green technology: cut energy usage in half
- Durability: reliable Océ technology and construction

Join the next wave



Océ PlotWave 300

Simple, green, durable, all-in-one large format system



Printing, copying and scanning large format technical documents just got easier for everyone. The next wave of Océ monochrome multifunctional systems starts with the Océ PlotWave 300 printer. It cuts energy usage in half, fits in tiny spaces and turns out page after page of flawless documents – without missing a beat. With reliable Océ technology and construction that guarantees a long, productive lifetime.

The Océ PlotWave 300 printer is designed around your needs and our long understanding of the wide format industry. Today the most advanced architectural, engineering and construction companies use Océ systems to build the world around us. With over 130 years experience as a printing and document management company, our printing systems are built on quality and real world insights that make the difference. They are developed to be as energy efficient as possible and make the working environment cleaner and healthier for everyone. They undergo rigorous usability tests to guarantee long lasting performance and consistent results. That's the difference you can expect from Océ, the choice of professionals.

Océ PlotWave 300

The next wave in simplicity: get extra help with your work

Print and scan documents at the system with a USB flash drive. Easily switch rolls on the fly with automated roll changing. Océ Image Logic® ensures high quality scans and copies with the touch of a single button. Feed originals in face-up with digital width recognition for fewer scanning errors. Say goodbye to damaged prints and backaches with the top delivery tray and the front original tray. Add the optional inline folder Océ estefold 2400 for easy finishing to save valuable resources.

The next wave in green technology: cut energy usage in half

The unique eco-friendly Océ Radiant Fusing technology is purpose-built to provide the most efficient way to fuse toner onto paper. Thin metallic tiles made of a highly durable alloy are used to efficiently radiate heat so they heat up and cool down very quickly compared to conventional roller-based systems. The system starts up instantly, uses half the energy of comparable systems, makes no noise when it is idling and requires no extra ventilation to keep it cool. Thanks to a catalytic convertor system virtually no ozone emissions are produced. This creates a healthier working environment.

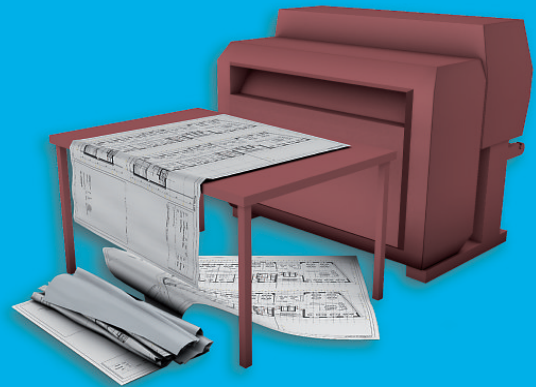
Océ PlotWave 300 printer neat document delivery

- Air separation guarantees proper collation
- Compact and ergonomic output delivery



Conventional stacking methods

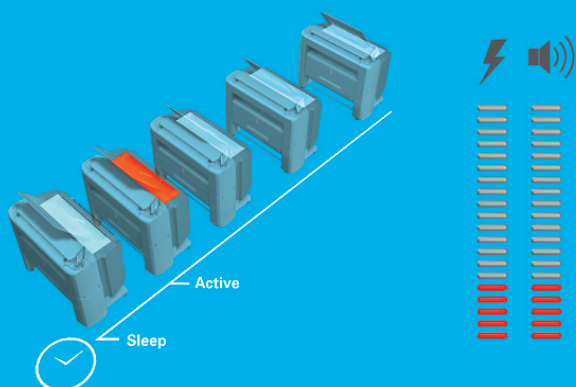
- Paper collision causes collation errors and output to fall on the floor
- Additional stacker required



Océ PlotWave 300 printer Radiant Fusing technology

Thin metal tiles heat up and cool down quickly

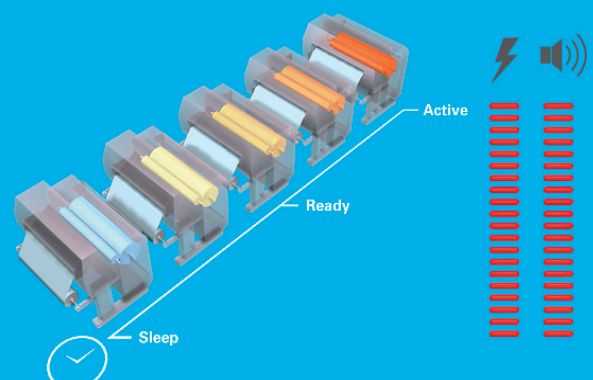
- Instant warm-up means instant printing
- No cool-down ventilation ensures quiet operation
- Energy usage is cut in half



Conventional roller-based fusing technology

Uses large fuser rollers that must be kept warm

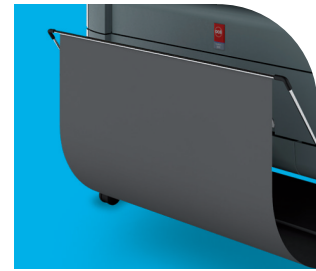
- Requires long warm-up time
- Requires noisy cool-down ventilation
- Uses much more energy



Simple, green, durable, all-in-one large format system



Optionals:
Front original tray



Inline folder



1 Efficient scroll & click control panel
This design is inspired by the most popular and advanced consumer electronics devices. Simply scroll and click to select templates for routine scanning and copying. Dynamic buttons and color visuals clearly show you what to do, when.

2 Convenient USB printing & 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.

3 Neat document delivery
Air separation guarantees that up to 50 E-size paper documents are neatly collated and stacked on the top delivery tray. The optional front original tray keeps originals clean. No extra space is required for large receiving tables.

4 Superior color scanning with Océ Color Image Logic
Automatically compensates for wrinkles and light colors to produce superior results. Originals are inserted face-up and the width is detected digitally to reduce errors and waste.

5 Automated roll changing
Reduces physical strain and effort. Simply place the roll on the built-in roll loading station. Paper is fed into machine, cut and sized – completely automatically.

6 Océ high resolution pico printing
At 600 x 1200 dpi, it adds extra dots for smoother results. It produces drawings with fine details, sharp lines and text and smooth area fills.

The next wave in durability: makes your money go further

The Océ PlotWave 300 printer is constructed of solid, hard wearing materials that are designed to make it last longer than comparable systems. Critical components, such as the imaging drum and other moving parts, are completely enclosed to reduce contamination and wear and tear. High use parts, like the paper drawers and panels, are made of reinforced materials to further extend the system's lifetime and withstand the demands of many walk-up users.

Fits anywhere

The compact green design of the Océ PlotWave 300 printer is ideal if you have limited room. It fits in tiny spaces and does not require ventilation or an extra large table for stacking.

The next wave in quality: improves your image

Océ Color Image Logic[®] technology produces the best quality scans in its segment. Océ high resolution pico printing technology enables you to consistently produce drawings with fine details, sharp lines and text and smooth area fills. The right formula for professional results and happier customers.



General	
Description	Monochrome all-in-one wide format print/copy/scan system with color scanner
Technology	Electrophotography (LED) with organic photoconductor (OPC) and closed toner system, Océ Radiant Fusing
Speed	2.3 Ao per minute, FPOT (First Print Output Time) from sleep < 1 minute for an Ao
Warm-up time	Instant with Océ Radiant Fusing technology
Roll options	1 - 2 rolls plus manual feed
Output delivery	Compact and ergonomic top delivery tray with air separation; up to 50 Ao plots collated
Certifications	EPA ENERGY STAR®, FEMP, TuV GS, CETECOM, CE, UL, cUL, FCC Class A, RoHS
Printer	
Print resolution	600 x 1200 dpi
Paper capacity	Up to 200 m per roll, maximum 2 rolls
Output sizes width	279 mm - 914 mm
Output sizes length	0.42 m - 176 m for long plots
Paper weight	64 g/m ² - 110 g/m ²
Media type (www.mediaguide.oce.com)	Paper: plain, recycled, colored and transparent Film: polyester, antistatic and contrast
Controller	
Controller type	Embedded powerM with Windows® Xpe
Memory	1 GB
Hard drive	160 GB
Page description language	HP-GL, HP-GL/2, TIFF, JPEG, DWF, 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	600 X 600 dpi optical resolution
Scan speed	Up to 7 m/min (copying), 11.7 m/min (monochrome scanning) and 3.9 m/min (color scanning)
Scan format	TIFF, 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 - 965 mm (maximum image width 914 mm) / 208 mm - 16 m
Original thickness	Up to 0.8 mm (non-rigid documents)
Scaling	Scale to standard format, custom scale 10 - 1000%
Preset modes	Lines & text, lines & text draft, folded line & text, colored, photo, dark originals, blueprint
Print, copy and scan workflow	
General workflow	Concurrent print, copy and scan of single documents or sets
Submission	Single files: local USB flash drive, Microsoft® certified Océ Windows Printer Driver, Océ PostScript® 3 driver Sets of files: local USB flash drive, web-based job submission Océ Publisher Express and advanced Windows based job submission Océ Publisher Select
Job management	Océ Express WebTools: single interface to view and control the system via an Internet browser without installing additional software Monitor and manage the system status, print jobs, settings, network configurations, updates, remote shutdown & restart. Includes personal smart inbox
Accounting	Optional customizable print, copy and scan tracking with Océ Account Center
Templates	Enables recurring tasks to be performed at the touch of a single button. Four user-defined copy & scan 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	
Sound pressure active mode (printing)	
Sound pressure ready mode (standby)	
Ozone concentrations	
Recyclability hardware	
Recyclability toner	
Size print engine (WxDxH)	
Weight print engine	
Size scanner (WxDxH)	
Weight scanner	
Supplies	
Consumable type	
Size	

<p>Océ Scanner Express, integrated on top color scanner for copying and scanning</p> <p>Additional roll unit (maximum 2 rolls)</p> <p>Front original tray for productive copying and scanning</p> <p>Océ estefold 2400 inline fanfolder: automated fan-fold, manual cross-fold</p> <p>Adobe® PostScript 3/PDF file interpreter. Enables the submission of PDF files with USB flash drive or job submission tools directly to the printer</p> <p>Océ Repro Desk Studio for easy viewing, printing and job accounting</p> <p>Océ Repro Desk Select/Professional print production software for job printers and reprographers</p>
<p>Certified Océ Windows Printer Driver for Windows 7 (32 and 64bits), Windows Vista, Windows XP, Windows Server 2003 & 2008, Windows Terminal Server, Citrix MetaFrame and Presentation Server</p> <p>Océ PostScript 3 for Windows 7, Windows Vista, Windows XP and Windows Server 2003 & 2008, Mac OS X</p> <p>Océ Publisher Select for Windows 7, Windows Vista, Windows XP and Windows Server 2003</p> <p>Océ Express WebTools for Windows Internet Explorer and Mozilla® Firefox®</p>
<p>Ethernet 100 Mbits/s, 1 Gbits/s</p> <p>TCP/IP (IPv4), TCP/IP (IPv6), IPsec, SNMP</p> <p>LPR, Novell®NDPS, FTP</p> <p>FTP, SMB</p> <p>Electronic file shredding permanently removes all traces of deleted jobs on the controller. Complies with DoD 522-22M standard</p> <p>IPsec secures Internet Protocol communications between the client and the printer</p>
<p>1.23 kW (printer + scanner + controller)</p> <p>98 W (printer + scanner + controller)</p> <p>44 W (printer + scanner + controller) EPA ENERGY STAR</p> <p>100 - 240 V, 50/60 Hz, 20 - 10 A (20 A for <150 V)</p> <p>35 Wh/Ao calculated average based on an Ao-size print and EPA ENERGY STAR TEC method</p> <p>58 dB(A) measured at operator level conform ISO norm 7779</p> <p>26 dB(A) measured at operator level conform ISO norm 7779</p> <p>0.001 mg/m³ (<0.0005 ppm) in a 25 m³ room with natural ventilation conform ISO norm 28360</p> <p>Made of steel or highly recyclable plastics: up to 95% of the engine can either be upcycled or recycled. Remaining 5% are non toxic waste.</p> <p>Bottles made of highly recyclable HDPE (High Density Polyethylene)</p> <p>1527 mm / 800 mm / 1495 mm including top delivery tray</p> <p>180 kg</p> <p>1097 x 308 x 140 mm fits on top of print engine</p> <p>24.5 kg</p>
<p>Océ black toner</p> <p>Bottle of 0.4 kg</p>

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 organizations. 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

For more information visit us at:

www.oce.com