Océ
PlotWave® 300
printer

Join the next wave

océ

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 printer

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 printer

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. 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.

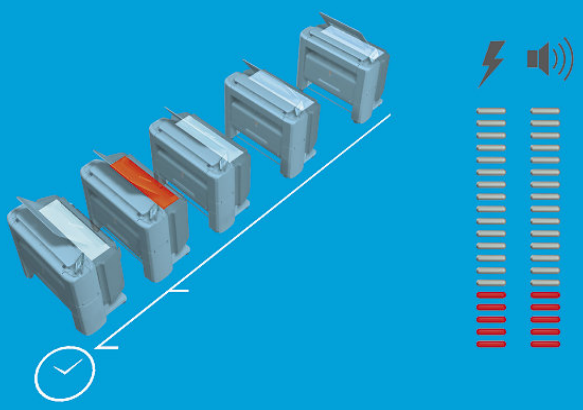
The next wave in green technology: cut energy usage in half

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.

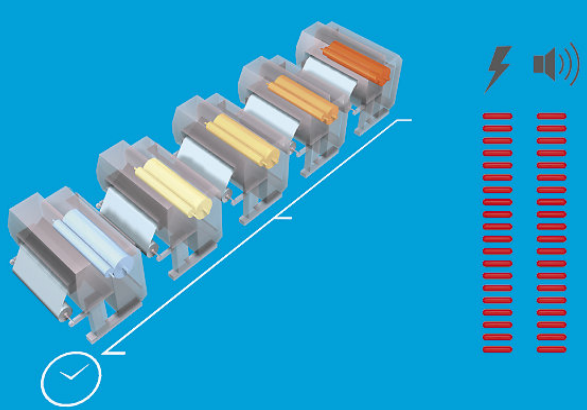
Océ PlotWave 300 printer neat document delivery
- Air separation guarantees proper collation
- Compact and ergonomic output delivery

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

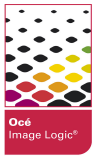
Océ PlotWave 300 printer Radiant Fusing technology
Thin metal tiles heat up and cool down quickly
- Instant warm-up means instant printing
- No cool-down ventilation ensures quiet operation
- Energy usage is cut in half



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



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. No extra space 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

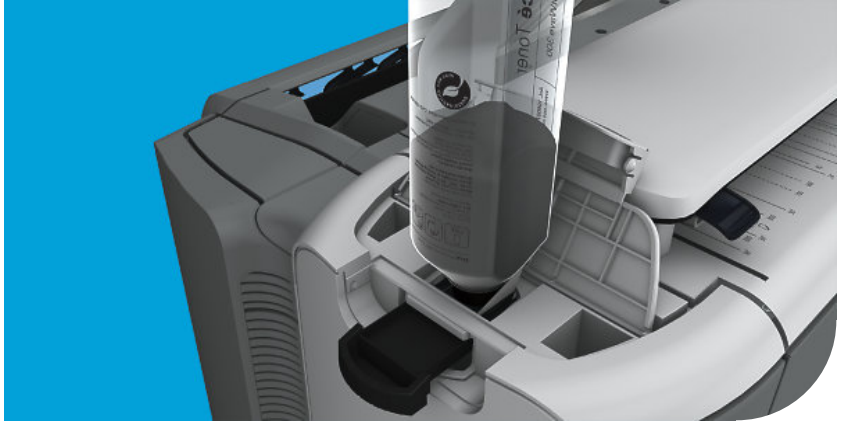
The Océ PlotWave 300 printer is constructed of solid, hard wearing materials that are designed to make it last longer than comparable systems. Critical components, such as the imaging drum and other moving parts, are completely enclosed to reduce contamination and wear and tear. High use parts, like 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 wide format print/copy/scan system with color scanner
Type	Electrophotography (LED) with organic photoconductor (OPC) and closed toner system
Speed	4.5 D size pages per minute, FPOT (First Print Output Time) from sleep 42 seconds for one D size page
Warm-up time	Instant with Océ radiant fusing technology
Configurations	Printer or multifunction system (print/copy/scan) 1 or 2 rolls
Roll options	1 - 2 rolls
Output delivery	Compact and ergonomic top delivery tray with air separation; up to 50 E-size plots collated
Power consumption	Active mode: 1.2 kW / Ready mode: 64 W
Printer	
Print resolution	600 x 1200 dpi
Paper capacity	Up to 650 ft, max 2 rolls
Output sizes width	11 x 36 "
Output sizes length	16.5" x 577 ft for long plots
Paper weight	18 - 28 lb bond
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 23 linear ft/min (copying) and 38 linear ft/min (monochrome scanning)
Scan format	TIFF, PDF, PDF-A, JPEG, Multipage TIFF & PDF, CALS
Scan destination	Local USB flash drive, controller, network via FTP or SMB
Original size width / length	8.2 - 36" / 8.2 - 630"
Original thickness	Up to 0.03"
Scaling	Scale to standard format, custom scale 10 - 1000%
Preset modes	Lines&text, lines&text draft, 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® driver, Océ PostScript3 driver Sets of files: with integrated web-based job submission Océ Publisher Express"
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, settings, network configurations, updates. Includes personal smart inbox
Accounting	Account center (option): application featuring customized accounting fields and copy/print/scan lock out
Templates	Enables recurring tasks to be performed at the touch of a single button. Four user-defined copy & scan templates

Options	
Hardware	Océ Scanner Express, integrated in top color scanner for copying and scanning Additional roll unit (max 2 rolls per printer)
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 ReproDesk suite for truly productive printing and job submission Océ Account Center customizable application for registering print, copy and scan activities
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 Postscript3 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, IP sec, SNMP, IPX/SPX, 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): 1.2 kW Controller: 38 W
Power consumption ready mode (standby)	Engine (printer+scanner): 64 W Controller: 37 W
Power consumption sleep mode	Engine (printer+scanner): 64 W Controller: 37 W, ENERGY STAR®
Power requirements (V/Hz/A)	100-240 V , 50/60 Hz , 20-10 A (20 A for <150 V)
Energy consumption per print	37 W h calculated average based on an E-size print and EPA ENERGY STAR® TEC method
Sound pressure active mode (printing)	58 dB(A) measured at operator level conform ISO norm 7780
Sound pressure ready mode (standby)	26 dB(A) measured at operator level conform ISO norm 7780
Ozone concentrations	0.001 mg/m³ (<0.0005 ppm) in a 25 m³ room with natural ventilation conform ISO norm 28360
Recyclability hardware	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.
Recyclability toner	Bottles made of highly recyclable HDPE (High Density Polyethyle)
Size print engine (W/D/H)	60.1 / 31.5 / 58.9" including top delivery tray
Weight print engine	397 lb
Size scanner	43.2 / 12.1 / 5.5" fits on top of print engine
Weight scanner	44 lb
Supplies	
Consumable type	Océ black toner
Size	Bottle of 0.9 lb

Beyond the Ordinary

Environmental Certifications

FSC Well-managed forests
SCS-COC-00856
©1996 Forest Stewardship Council

Awards Wide Format Printing Systems

communication design award 2006
product design award 2006
product design award gold 2007
product design award 2008

Partner Certifications

océ

Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. High speed Océ printing systems produce millions of transaction documents each week, such as bank statements and utility bills. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production and wide format color for spectacular display graphics.

Océ Technologies B.V.

For information and services, visit us at:

www.oce.com

Edition 2009-03

US