



Océ
PlotWave 300
system

Join the next wave



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

The next wave in:

- Simplicity: easy to use yet powerful; flexible integration with your workflow
- Green technology: cut energy usage in half
- Durability: robust technology, built to withstand workload of multiple users

Join the next wave



Océ PlotWave 300 system

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 system. It cuts energy usage in half, fits in small spaces, and turns out page after page of nearly flawless documents—without missing a beat. And with the design, construction, and reliability you’ve come to expect from Océ.

The Océ PlotWave 300 system 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 system

The next wave in simplicity: easy to use yet powerful; flexible integration with your workflow

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. Simple but powerful job submission and print management. Easy integration into your IT infrastructure.

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

Conventional roller-based systems have long warm-up and cool-down periods, which waste time and energy. Eco-friendly

Océ Radiant Fusing technology is designed specifically to provide the most efficient means of fusing toner onto paper. Thin metallic tiles made of a highly durable alloy are used to optimally radiate heat, fusing the toner onto the paper. They heat up and cool down very quickly. That means 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.

All in all, the low noise, heat, and ozone emissions means a healthier working environment.

Océ PlotWave 300 system top delivery tray

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

A photograph of the Océ PlotWave 300 system, a large-format printer with a top delivery tray. The printer is grey and white, with a control panel on the right side. A roll of paper is being processed, and a printed sheet is emerging from the top tray.

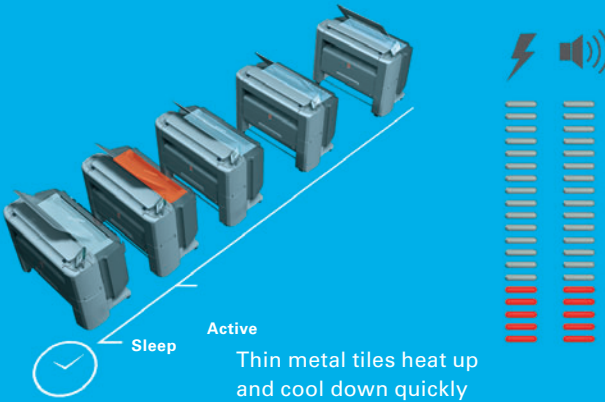
Other systems—conventional stacking

- Paper collision causes collation errors and mis-matched piles of prints
- Additional stacker often required

A 3D rendering of a conventional large-format printer. The printer is red and has a top tray. A roll of paper is being processed, and a printed sheet is emerging from the top tray. The sheet is shown in a way that suggests it is being stacked, with some sheets overlapping and others falling off.

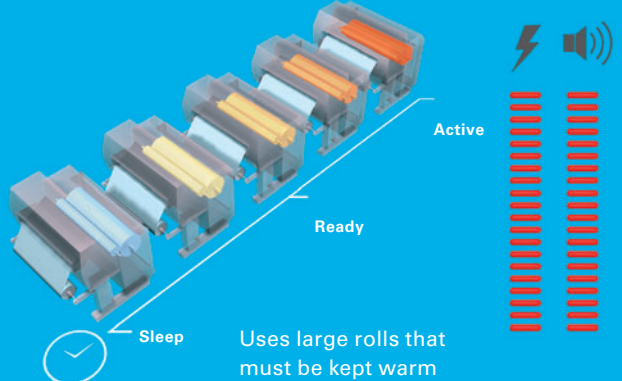
Océ PlotWave 300 system radiant fusing technology

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

A diagram illustrating the radiant fusing technology. It shows a sequence of four printer units in a line, labeled 'Sleep' and 'Active'. The 'Sleep' unit is shown with a checkmark in a circle. The 'Active' unit is shown with a lightning bolt icon and a speaker icon, indicating instant printing and quiet operation. Below the units are two vertical bars representing energy usage, with the 'Active' unit showing significantly less energy usage than the 'Ready' unit in the adjacent diagram. The text 'Thin metal tiles heat up and cool down quickly' is positioned below the 'Active' unit.

Other systems—conventional fusing technology

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

A diagram illustrating conventional fusing technology. It shows a sequence of four printer units in a line, labeled 'Sleep', 'Ready', and 'Active'. The 'Sleep' unit is shown with a checkmark in a circle. The 'Ready' unit is shown with a lightning bolt icon and a speaker icon, indicating warm-up time and noisy cool-down ventilation. Below the units are two vertical bars representing energy usage, with the 'Ready' unit showing significantly more energy usage than the 'Active' unit. The text 'Uses large rolls that must be kept warm' is positioned below the 'Ready' unit.

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



1 Efficient scroll and 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. Smart buttons and color visuals clearly show you what to do and when.

2 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.

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

Automated roll changing reduces physical strain. 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

Océ high resolution pico printing at 600 x 1200 dpi adds extra dots for smoother results. It produces drawings with finer details, sharper lines, text, and smooth area fills.

The next wave in durability: makes your money go further

The Océ PlotWave 300 system 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. The result—a system built to withstand the demands of many users, ideal for a walk-up printing environment.

The next wave in quality: improves your image

Océ Color Image Logic technology automatically 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.

Fits anywhere

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



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 D/minute, FPOT* (First Print Output Time) from Sleep 42s for a D-size
Warm-up time	Instant with Océ Radiant Fusing technology
Configurations	Printer or Multifunction (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: 64W
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" to 49.2'
Paper weight	18-28 lb. bond
Media type (www.oceusa.com/imagingsupplies)	Paper: plain, recycled, colored and transparent; Film: polyester, antistatic and contrast
Controller	
Controller type	Embedded Océ PowerM™ controller with Windows XP®
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 Windows® driver, Adobe PostScript® 3 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 the need to install additional software Monitor and manage the system status, settings, network configurations, updates, includes Smart Inbox
Templates	Enables recurring tasks to be performed at the touch of a single button. User defined four copy and scan templates



Options	
Hardware	Océ Scanner Express, integrated on 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
Network information	
Client OS support	Windows driver for Windows Vista® (32 & 64bits), XP and Windows Server® 2003. Windows Terminal Server, Citrix® Metaframe and presentation server Adobe Postscript3 driver for Windows XP and Windows Server 2003. Mac OS® 9, Mac OS X Océ Express Web Tools for Windows Internet Explorer® and Mozilla® Firefox®
Standard interface	Ethernet 100 Mbits/s, 1GB/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: 38w
Power consumption ready mode (standby)	Engine (printer + scanner): 64w; Controller: 37w
Power consumption sleep mode	Engine (printer + scanner): 64w; Controller: 37w, earned the ENERGY STAR®
Power requirements (V/Hz/Ams)	100-240V, 50/60Hz, 20-10A (20A for <150V)
Energy consumption per print	37 wh per E-size calculated average based on EPA ENERGY STAR TEC method
Sound pressure active mode (printing)	58dB(A) measured at operator level conform ISO norm 7780
Sound pressure ready mode (standby)	26dB(A) measured at operator level conform ISO norm 7780
Ozone concentrations	0.001mg/m ³ (<0.0005ppm) in a 25m ³ room with natural ventilation conform ISO norm 28360
Recyclability hardware	Made of steel or highly recyclable plastics that 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 Polyethylene)
Size print engine	60.1 " W x 31.5 " D x 58.9" H including top delivery tray
Weight print engine	397 lbs.
Size scanner	43.2 " W x 12.1 " D x 5.5" H fits on top of print engine
Weight scanner	44 lbs.
Supplies	
Consumable type	Océ black toner
Size	Bottle of 0.9 lb.

Beyond the Ordinary

Environmental Certifications



Awards



Partners Certifications



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Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ high-speed printing, technical documentation, and professional document systems to keep the wheels of business, industry and government turning. Océ also helps the world. Developing products and services that add value to the document processes of our customers, while minimizing environmental impact and protecting health and safety, has always been one of our core principles. From bank statements to utility bills, from blueprints to newspapers, from on-demand documents to wide-format display graphics, Océ helps our professional customers go "Beyond the Ordinary" in print and document management.

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