



**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



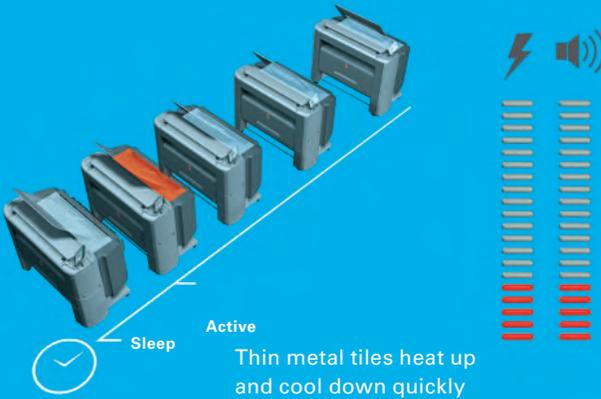
**Other systems—conventional stacking**

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



**Océ PlotWave 300 system radiant fusing technology**

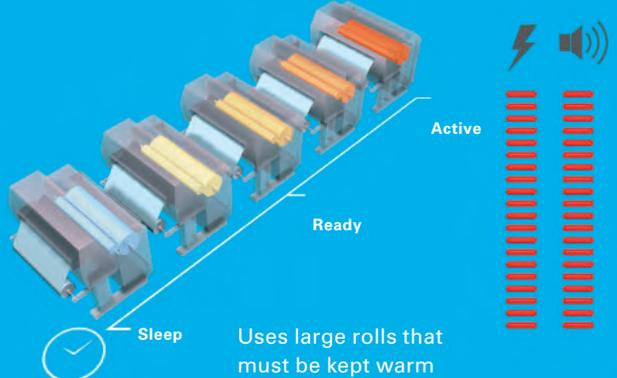
- Instant warm-up means instant printing
- No cool-down ventilation means quiet operation
- Energy usage is cut in half



Thin metal tiles heat up and cool down quickly

**Other systems—conventional fusing technology**

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



Uses large rolls that must be kept warm

# 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 High quality 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 high quality scans without complex user interaction. 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	
<b>Description</b>	Monochrome wide format print/copy/scan system with color scanner
<b>Type</b>	Electrophotography (LED) with organic photoconductor (OPC) and closed toner system
<b>Speed</b>	4 D/minute, FPOT (First Print Output Time) from Sleep 42s for a D-size
<b>Warm-up time</b>	Instant with Océ Radiant Fusing technology
<b>Configurations</b>	Printer or Multifunction (print, copy, scan) 1 or 2 rolls
<b>Roll options</b>	1-2 rolls
<b>Output delivery</b>	Compact and ergonomic top delivery tray with air separation; up to 50 E-size plots collated
<b>Power consumption</b>	Active mode: 1.2 kW / Ready mode: 64W
Printer	
<b>Print resolution</b>	600 × 1200 dpi
<b>Paper capacity</b>	Up to 650 ft., max. 2 rolls
<b>Output sizes width</b>	11" × 36"
<b>Output sizes length</b>	16.5" to 49.2'
<b>Paper weight</b>	18-28 lb. bond
<b>Media type (www.oceusa.com/imagingsupplies)</b>	Paper: plain, recycled, colored and transparent; Film: polyester, antistatic and contrast
Controller	
<b>Controller type</b>	Océ PowerM™ controller with Windows XP® Embedded
<b>Memory</b>	1 GB
<b>Hard drive</b>	160 GB
<b>Page description language</b>	HP-GL, HP-GL/2, TIFF, JPEG, DWF, PS/PDF-option, CALS, NIFF, NIRS, ASCII, Calcomp 906/907/951, C4
Scanner	
<b>Scanner type</b>	Contact Image Sensor (CIS) with Océ Color Image Logic technology
<b>Scan resolution</b>	600 × 600 dpi optical resolution
<b>Scan speed</b>	Up to 23 linear ft./min. (copying) and 38 linear ft./min. (monochrome scanning)
<b>Scan format</b>	TIFF, PDF, JPEG, CALS
<b>Scan destination</b>	Local USB flash drive, controller, network via FTP or SMB
<b>Original size width / length</b>	8.2"-36" / 8.2"-630"
<b>Original thickness</b>	Up to 0.03"
<b>Scaling</b>	Scale to standard format, custom scale 10-1000%
<b>Preset modes</b>	Lines & text, lines & text draft, colored, photo, dark originals, blueprint
Print, copy and scan workflow	
<b>General workflow</b>	Concurrent print, copy and scan of single documents or sets
<b>Submission</b>	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
<b>Job management</b>	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
<b>Templates</b>	Enables recurring tasks to be performed at the touch of a single button. User defined four copy and scan templates



Options	
<b>Hardware</b>	Océ Scanner Express, integrated on top color scanner for copying and scanning Additional roll unit (max. 2 rolls per printer) Color user interface available early 2010
<b>Software</b>	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	
<b>Client OS support</b>	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®
<b>Standard interface</b>	Ethernet 100 Mbits/s, 1GB/s
<b>Network protocols</b>	TCP/IP, SNMP, IPX/SPX, Windows APIPA
<b>Printing protocols</b>	LPR, Novell® NDPS, FTP
<b>Scanning protocols</b>	FTP, SMB
Environmental data	
<b>Power consumption active mode (printing)</b>	Engine (printer + scanner): 1.2 kw; Controller: 38w
<b>Power consumption ready mode (standby)</b>	Engine (printer + scanner): 64w; Controller: 37w
<b>Power consumption sleep mode</b>	Engine (printer + scanner): 64w; Controller: 37w, earned the ENERGY STAR®
<b>Power requirements (V/Hz/Ams)</b>	100-240V, 50/60Hz, 20-10A ( 20A for <150V)
<b>Energy consumption per print</b>	37 wh per E-size calculated average based on EPA ENERGY STAR TEC method
<b>Sound pressure active mode (printing)</b>	58dB(A) measured at operator level conform ISO norm 7780
<b>Sound pressure ready mode (standby)</b>	26dB(A) measured at operator level conform ISO norm 7780
<b>Ozone concentrations</b>	0.001mg/m³ (<0.0005ppm) in a 25m³ room with natural ventilation conform ISO norm 28360
<b>Recyclability hardware</b>	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.
<b>Recyclability toner</b>	Bottles made of highly recyclable HDPE (High Density Polyethylene)
<b>Size print engine</b>	60.1 " W × 31.5 " D × 58.9" H including top delivery tray
<b>Weight print engine</b>	397 lbs.
<b>Size scanner</b>	43.2 " W × 12.1 " D × 5.5" H fits on top of print engine
<b>Weight scanner</b>	44 lbs.
Supplies	
<b>Consumable type</b>	Océ black toner
<b>Size</b>	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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