Instant Productivity at Your Fingertips

Océ PlotWave 500 printing system

Cloud Capable, advanced large format
technical document management system

Instant Productivity at Your Fingertips

- NEW! Single-footprint multifunction system

- NEW! Fast print speed of 10 D-size (A1) documents per minute

- NEW! Enhanced project collaboration through integrated cloud printing and scanning processes

- NEW! Avoid costly and expensive errors with on screen zoom previewing

Océ PlotWave 500 Technical Document System

Cloud Capable, advanced large format technical document management

Take control of document costs and project workflows with the instant productivity of the Océ PlotWave® 500 large format document printer, copier, scanner (B&W / Colour), and collaboration platform. Printing, reproducing, collating, scanning, and distributing technical documents inefficiently can be costly, lead to missed deadlines and consume valuable time and resources. With the Océ PlotWave 500 large format workhorse in your office, you will realize an immediate uplift in productivity.

With virtually no warm-up delay, easily output technical documents at a whopping 10 D-Size/ A1 prints per minute — 600 sheets an hour. With full process concurrency the Océ PlotWave 500 provides the power you need to output documents faster, render documents faster, share documents faster, and most importantly, finish projects faster.

Ease of operation is critical so walk-up users interact with the PlotWave 500 system's functions are like their smartphone/tablet via the Océ ClearConnect™ User Interface. This means from the onset your CAD and design professionals are already familiar with the PlotWave 500's operation. Users access all system processes via the 10.4" colour LCD touchscreen interface with easy to use "multi-touch" process prompts and, true to its name, Océ ClearConnect makes the right connections to get the job done - right. Print from your smart phone or tablet on the way to your next meeting or from a job site — to keep work moving even when you can't get to the printer.

Many of today's architectural, engineering, and construction firms across the globe have been built using Océ technical document systems. CAD professionals in a variety of technical industries can react faster and work more efficiently thanks to our productive, innovative, and easy-to-use printing systems, making the Océ PlotWave 500 printer an effective solution for today's technical document workflow challenges.

Océ PlotWave 500 printing system

GET A COMPACT SINGLE-FOOTPRINT WORKHORSE

The Océ PlotWave 500 document system is built for productivity — producing 600 x 1,200 dpi documents at an impressive ten D-size/ A1 drawings per minute and providing up to four rolls of online media. Thanks to Océ Radiant Fusing technology it starts outputting documents from sleep mode in less than 17 seconds, compared to a slow start-up of four minutes for some conventional printers. That can easily save you an hour or more just in printing delays. With full process concurrency while the systems is printing there is no need to wait to complete scanning or copying tasks.

ENJOY WORKFLOW WITHOUT THE WORK

Being able to securely submit files to your Océ PlotWave 500 from anywhere will give you a big advantage and confidence when time is tight and deadlines are looming. The Océ ClearConnect software suite gives you more flexible ways to submit documents to the printer. Manage all system features with Océ WebTools; create complex jobs from your desktop via Océ Publisher Select software; print directly from your CAD and GIS applications using Océ Printer Drivers; and with Océ Publisher Mobile, send documents from your smartphone or tablet. Advanced, standard, document security features like E-Shredding and SSL capabilities on the PlotWave 500 protects all of your information.

WITH OPTIONAL SCANNER EXPRESS II (MULTIFUNCTION SYSTEM)

MULTIFUNCTION SYSTEM WITH OPTIONAL OCÉ DELIVERY TRAY AND OPTIONAL MEDIA DRAWER

MULTIFUNCTION SYSTEM WITH OPTIONAL OCÉ 4312 FULLFOLD

MULTIFUNCTION SYSTEM WITH OPTIONAL OCÉ 2400 FANFOLD

Large format technical document system with instant-on productivity and flexible printing options

1 FAST AND EASY WITH OCÉ CLEARCONNECT PANEL

Works like a tablet. Easily control the printer with your fingertips using the simple screen movements you are used to. Swipe, spread and zoom in on details of a drawing. Check that documents are correctly positioned using the live preview to avoid errors.

2 NEAT DOCUMENT DELIVERY

Get neatly collated and stacked documents of up to 100 E-size/A0 plots on the top delivery tray thanks to air separation technology. No extra space needed for a folding table. Or choose from finishing options to save you valuable time with higher capacity stacking or without hand folding documents. Get quality folded documents ready to go.

3 GET BETTER COPY AND COLOUR SCANNING RESULTS

Océ Color Image Logic™ technology automatically compensates for wrinkles and light colours to produce superior results. Originals are inserted face-up and paper width is detected automatically.

4 INSTANT PRODUCTIVITY WITH OCÉ RADIANT FUSING

Get instant start-up and use half the energy of comparable systems. With a remarkable print speed of 10 D-size/A1 prints per minute. Increase your productivity even more with the 4 roll option for unattended printing. Even scan while printing.

5 EFFORTLESS ROLL CHANGING

Save time and effort. Place the roll on the built-in roll loading station, and paper is fed into the printer, cut and sized — completely automatically.

6 RELIABLE QUALITY AND PERFORMANCE

Take advantage of better print quality with high resolution Pico Printing at 600 × 1200 dpi. Océ Image Logic technology automatically detects the width of images to ensure "first time right" results. Enjoy a long productive system lifetime thanks to robust and durable construction.

7 ECO FRIENDLY SYSTEM

This system has very low ozone emissions, very low heat output and a very low sound level under 25 dB while in standby and sleep modes. It runs very quietly, so it can be comfortably placed in an office environment. The toner system is completely closed and within easy reach.

8 FLEXIBLE WORKFLOW

This system is designed to make it easier to prepare, produce and manage complex technical documents and sets of drawings. Advanced tools make it easy to get documents where you need them, when you need them.

Do all of that without wasting time training on a complicated system thanks to the Océ ClearConnect user panel. It works like a tablet or a smartphone so there is a minimal learning curve. The simple layout, smart kick-starts and detailed preview functions helps you get your prints faster, without errors, even when they are stored in the cloud or have just arrived in an email on your mobile phone. Everything from media roll placement, toner loading to print job management has been carefully designed to be ergonomically correct and intuitive.

OFFICE FRIENDLY

Designed to work side-by-side with CAD professionals, the Océ PlotWave 500 printer is a people-friendly and planet-friendly choice. It produces very low ozone emissions, very low levels of noise and low levels of residual heat. In fact, this system generates only 55 dB(A) of sound when in full operation. We call this "Place Anywhere" which really means you can place this system within an office or workgroup, knowing people can work comfortable nearby. The Océ PlotWave 500 printer also provides the lowest energy usage in its class which, thanks to Océ Radiant Fusing technology, can cut energy consumption in half.

PROVEN TECHNOLOGY

The Océ PlotWave 500 printer is based on proven Océ technology found in large format printing systems worldwide. Constructed of durable and hard-wearing parts, it ensures you get dependable uptime and extended system life.

OCÉ PLOTWAVE 500 PRINTER HIGHLIGHTS

Incredibly fast print out	Print speed of 10 ppm (D-size/A1) 1-click printing from USB, 1-click printing from Océ Smart Inbox™ or last send job (Océ SmartAccess) Instant start-up with Océ Radiant Fusing technology
Virtually silent* in Standby and Sleep (*under 25 dB)	Océ Radiant Fusing technology eliminates noise
Accelerated first print out from standby mode (D-size/A1)	16 seconds
Average print from sleep mode (D-size/A1)	30 seconds
Effortless roll changing	Simple and easy, motor fed media loading, one media cutter per drawer, automatic media width detection
High capacity document delivery	Double capacity (100 E-size/A0) Top Delivery Tray supporting longer runs and higher productivity
Effortless job submission	Green button design: what you see is what you print resulting in first time right result
Océ ClearConnect multi-touch user interface (standard)	Consistent look and feel from every angle of your workflow, standard including Océ Smart Inbox, Océ SmartAccess, and Océ Live Preview
High print quality	Océ Pico printing and Océ Image Logic technology enables the best print quality possible
Future proof connectivity	Cloud connected and Smart device enabled system

SYSTEM CONFIGURATIONS

2 Rolls printing system (standard)	Productive large format B&W printer with Océ ClearConnect multi-touch user interface
Productive scanning system (optional)	Océ Scanner Express II with Océ Image Logic technology
Folding systems (optional)	Océ 4312 FullFold, Océ 2400 FanFold
Stacking system (standard)	Integrated Top Delivery Tray, 100 sheets capacity (100 E-size/A0)
Stacking system (optional)	Océ Delivery Tray (up to 150 sheets)
Media capacity upgrade (optional)	Additional 2 rolls media drawer to increase media capacity
Workflow software (standard)	Océ Large Format Printer Driver 2.0 for Microsoft® Windows®, Océ PostScript® 3™ driver, Océ Mobile WebTools for iOS®, Android® and BlackBerry®, Océ Publisher Mobile for iOS and Android, Océ Publisher Express, Océ Publisher Select
Workflow software (optional)	Océ View Station, Océ Client Tools™ software, Adobe® PostScript 3/PDF file interpreter, Océ Repro Desk™ software, Océ Account Center™
Hardware optionals	Media drawer with standard 2 rolls, Scanner Express II, Océ 2400 FanFold, Océ 4312 FullFold, high capacity Océ Delivery Tray
Starter kit included	1 bottle toner 450 gr., 1 bottle developer 1750 gr., 1 roll 36" media bond (20 lb.)

GENERAL

User interface	Océ ClearConnect with multi-touch, LiveView and Preview on the Océ ClearConnect user panel, 1-click printing by Océ SmartAccess
Imaging technology	Electrophotography (LED) with Organic photoconductor (OPC), Océ Radiant Fusing Technology with instant warm up, clean toner refill system, virtually no ozone emission
Fusing technology	Océ Radiant Fusing technology
Toner/ type	Océ black toner: 450 grams per bottle
Speed (print and copy):	10 D-size/A1 ppm, 5 E-size/A0 ppm
First copy output time from standby mode (D-size/A1)	19 seconds
Resolution	600 × 1200 dpi
Size main engine (W × D × H)	Compact design: 60.1" × 31.6" × 58.9" (1527 × 803 × 1495 mm) (including top delivery tray)
Weight main engine	585 lbs. (265 kg.)

MEDIA HANDLING

Media capacity	2 or 4 rolls (i.e. 1 or 2 media drawers)
Paper cutting	Cutters included in drawers for fast and easy media switching
Maximum paper capacity	2 roll: 3,900 sq. ft. (365 m²) 4 roll: 7,800 sq. ft. (730 m²)
Media sizes	ARCH: B, C, D, E, E1, 30", 21", 15" ANSI: B, C, D, E ISO: A3, A2, A1, A0, B2, B1, B2_700, B1_700
Media weight (min. / max.)	16 – 28 lb. (60 – 110 g/m²)
Roll width (min. / max.)	11" – 36" (279 – 914 mm)
Minimum printed length	11" (279 mm)
Maximum printed length	577' (176 meters)
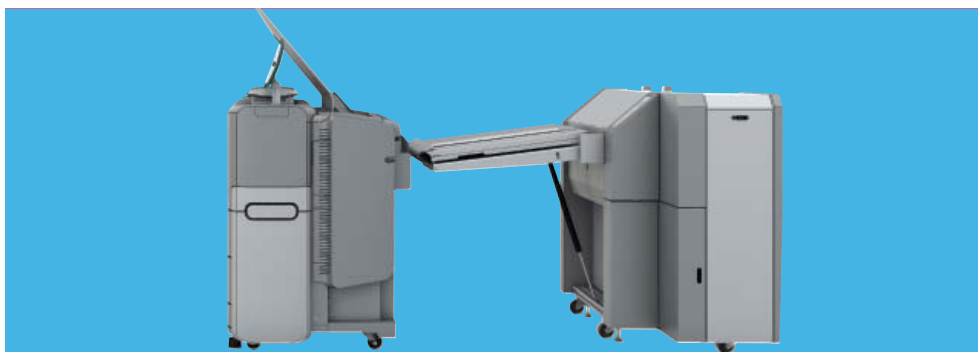
MEDIA HANDLING CONTINUED	
Output delivery	Top (default): Top Delivery Tray (100 E-size/A0) Rear (optional): rear output to Océ Delivery Tray, Océ 4312 FullFold, or Océ 2400 FanFold
Media Type (www.csa.canon.com)	Paper, Engineering Bond, Vellum, Recycled Bond, Tinted Bond, Film: Polyester 3.5 mil

USER INTERFACE	
Description	Océ ClearConnect multi-touch user interface
Size (W × D × H)	11.8" × 8.7" × 1.6" (300 × 220 × 40 mm) Touch screen: 10.4" (diag.) Colour LCD (264 mm diag.)
Resolution	800 × 600 pixels
Number of colours	16.2 Million
Technology	Projective capacitive touch
Operation	Three hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch functions: tap, double tap, pinch, swipe, flick, and spread
Interface design	IF design award: distinctive user interface and intuitive navigation and clearly defined levels of operation
Features	View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees) Status light (red, orange, green) USB 2.0 interface with indication light

CONTROLLER	
Description	Océ PowerM® controller with Windows 7 Embedded Standard (WES7), 32 bits
Processor	Dual-Core G540 @ 2.50GHz
Memory	4 GB DDR3 (standard)
Video	Intel HD Graphics, 1GHz
Hard disk	500 GB, 7200 rpm
Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP,IPv4, IPv6, https Discovery: APIPA, WSD
Page description language	TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)
Printing protocol:	LPR, FTP, WebDav, WSD print
Back Channel Protocol:	SNMP printer MIB, Océ Wave interface 1.2, WSD
Security	E-shredding, IPSec, HTTPS, extended security protection for administrator, audit logging. User authentication on local UI for FTP, SMB and WebDav. Configure HTTPS Certificates.
Cloud support	Unlimited user and/or Administrator authenticated cloud support via WebDav and/or third party provider: e.g. Microsoft SharePoint®, Dropbox®, Box.com, box.net, Google® Drive®, Microsoft SkyDrive®, Amazon®, CloudSafe®, MyDisk®.
Transformations	Scaling: Scaling (scale-to-fit page, reduce when image too large to avoid clipping or to custom factor, scale page size to standard size), Rotation, Shift (automatic or user defined), Adding/removing trailing/leading edge, Mirror, Black intensity in poster mode, Print optimization (standard, lines/text, poster). Colour Highlight and Dark Original.

SCANNER	
Description	Contact Image Sensor (CIS) Colour scanner with Océ Image Logic technology
Scan resolution	600 × 600 dpi
Scan speed	Up to 47.9 ft./min (14.6 m/min) Black & White scanning Up to 31.8 ft./min (9.7 m/min) Copying Up to 15.7 ft./min (4.8 m/min) Colour scanning
Scan formats	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Scan destination	Local USB flash drive, FTP, SMB, Controller, mobile device via Océ Mobile WebTools, WebDav Cloud
Scan naming	Preset naming with auto numbering for productive scanning or file name on the Océ ClearConnect user panel keyboard
Original width (min./max.)	8.2" – 36" (208 – 914 mm)
Original length (min./max.)	8.2"– 52.5' (208 mm – 16 m)
Original thickness	Maximum 0.03" (0.8 mm) non-rigid documents
Zoom	1:1, Scale to media size , Scale to standard format, Custom: 10 – 1000%
Preset modes	Lines & text, Lines & text draft, Folded lines & text, Photo, Coloured, Dark original, Blueprint, Colour Highlight
Size scanner (W × D × H)	43" × 12" × 5.5" (1,097 × 308 × 140 mm)
Weight scanner	46 lbs. (21 kg.)

ENVIRONMENTAL

Sound power level	Standby and Sleep modes: less than 25 dB Print mode: less than 55 dB
Ozone concentration	<0.001 mg/m³ (0.05% of permitted limit value)
Heat emission	Ready: 72 W, Active: 1.6 kW
Power requirements	90 – 240 V, 50/60 Hz
Power consumption	Sleep Mode: 1 W Ready Mode: 88 W Active Mode: 1.5 kW
Safety/EMC marks & environmental labels	CE, TUV GS, CETECOM, C-UL-US, Energy Star 2.0, FEMP
Recyclables	Printer: 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. Toner: bottles made of highly recyclable HDPE (High Density Polyethylene)

OCÉ WORKFLOW SOFTWARE

Job submission	Create, retrieve and/or send jobs from drivers (Océ Large Format Printer Driver 2.0 for Microsoft Windows, Océ PostScript 3 driver), external locations (SMB, FTP, LPR, WebDav), Mobile devices via Océ Express WebTools and Océ Publisher Mobile, USB flash drive, Cloud services. 1-click printing from USB, 1-click printing of last send jobs by Print SmartAccess on Océ ClearConnect user panel. Smart Inbox on Océ ClearConnect user panel enables job preview, swipe between your jobs for print selection and preview. Pan to view the image in detail (zoom). Multiple files and originals are supported. Print multiple times, and sort by page or set. Media saving automatically rotates originals to optimize media usage. Full support of Adobe PostScript 3.
Queue Management	Spool memory provides a queuing system for print or copy jobs. This allows multiple users to send print and copy jobs at the same time. Customize priority settings for copy and print jobs in the queue. Queue overview gives access to job names, owners and status including required media. Jobs can be paused, deleted and placed on top of the queue.
Print management	View counter history at preferred time periods, per job or total overview. View, create, edit and delete stamp templates.
Scan to file	Océ Scanner Express II offers full hybrid performance with its scan-to-file functionality. Send files, via SMB, FTP, LPR, WebDAV, to various locations such as local drives, personal Smart Inboxes, or the cloud application of your choice. Scan to USB or use Océ Mobile WebTools and Océ Publisher Mobile to scan to mobile device. Custom scan file naming to any location. Checkplot functionality. Océ ClearConnect supports Live Preview of the scanning process on the user panel. Full support of Adobe PostScript 3.
Océ ClearConnect	Océ ClearConnect enables a consistent view on your workflow from every possible angle, and job management is made easy. Default jobs can be performed by single clicking the green button (Océ SmartAccess for Print, Scan and Copy). Behavior is customizable via Océ Express WebTools. Edit the most common used job settings for copy, scan, and print jobs. Presets can be predefined in Océ Express WebTools. The Smart Inbox supports multi-user environments and 1-click printing via Océ SmartAccess for all users. The Océ Express WebTools controller application supports customizable workflows. Separate work spaces give you a complete overview and full control over print and scan job management. Tasks you can manage are: Settings and configuration management, Network connectivity management, Queue management, License management, System monitoring, Scan retrieval, and Print job submission. You can access the integrated Océ Express WebTools controller application from any networked workstation. Job view to check the printer status, available wherever you are with a single click. Océ ClearConnect includes context sensitive, online help. Easy language switching on the Océ ClearConnect user panel. Use the Smart Inbox to view all jobs with status, job name and owner. Actions to print, print all, edit, send to..., delete and save. Custom sorting of jobs in list or group view. What you see is what you print on Large Format Printer Driver. Open API for 3rd party and/or own developed applications integrated with Océ ClearConnect user panel. Configurable accounting (optional).
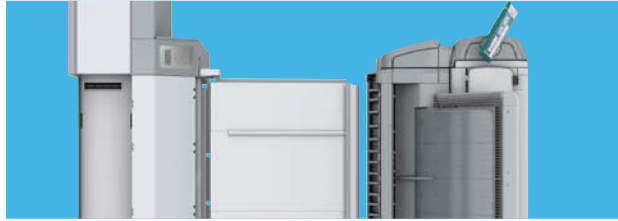
OCÉ WORKFLOW SOFTWARE

Mobile and cloud	Print from and scan to the cloud application of your choice. With the help of mobile applications such as Océ Mobile WebTools and Océ Publisher Mobile, the printer can be easily accessed and used from any location.
Concurrency	Concurrent print, copy and scan of single documents or sets
Printer drivers	Océ Large Format Printer Driver 2.0 for Microsoft Windows, Océ PostScript 3 driver
Job submission	USB flash drive, Océ Mobile WebTools for iOS, Android and BlackBerry, Océ Publisher Mobile for iOS and Android, Océ Publisher Express, Océ Publisher Select, Océ Direct Print Manager
Job management	Personalized Smart Inbox with history, Manage queue, Océ Express WebTools, Secured controller access, remote shutdown and restart
Accounting	Option: Océ Account Center

About the Professional Printing Solutions Group

The Professional Printing Solutions Group (PPSG) is a division of Canon Canada. Formed in January 2014 after Océ-Canada Inc. was amalgamated by Canon Canada Inc., PPSG is the leading provider of printing solutions for professionals. PPSG's product offerings include digital presses, high speed digital production printers, wide format printing systems and workflow software for transaction, direct mail, graphic arts, technical documentation and colour display graphics.

About Canon Canada Inc.

Canon Canada Inc., a wholly owned subsidiary of Canon U.S.A., is a leading provider of consumer and business-to-business digital imaging technology solutions. Innovation and cutting-edge technology have been essential ingredients in Canon's success. Its parent company, Canon Inc., ranks among the Top 4 in US patents registered since 1994. Canon ranks among the world's Top 30 brands and is one of Forbes' Magazine's World's Most Admired Companies. Canon Canada Inc. is committed to the highest level of customer satisfaction and loyalty, providing 100 per cent Canadian-based service and support for all of the products it distributes. Canon Canada Inc. is dedicated to its Kyosei philosophy of social and environmental responsibility.

For information and services, visit us at:

www.canon.ca

Canon
Because It Counts

Professional Printing Solutions Group
4711 Yonge St. Suite 1100
Toronto, ON M2N 6K8

416-224-5600 | 1-800-668-1945
Fax 416-224-5778
email: PPSGInfo@canada.canon.com