

# Canon

Because It Counts



VERSATILE  
WORKHORSE

EFFORTLESS  
OPERATION

PRODUCTIVE FINISHING  
AND SCANNING

RELIABLE  
PERFORMANCE

SUSTAINABILITY  
SECURE

SHORT RUNS OF  
MONOCHROME AND COLOUR

TIME-SAVING  
WORKFLOW

## OCÉ COLORWAVE® 700 PRINTING SYSTEM

Versatile and productive large format colour systems



# OCÉ COLORWAVE 700 PRINTING SYSTEM

- A productive, full-colour large format solution
- Media flexibility for versatile application offerings
- Increase your efficiency with multiple finishing options
- Sustainable and secure investment



## Versatile and productive large format colour system

Advance your business with the highly versatile and productive Océ ColorWave 700 large format printing system. Make efficient use of space by using one system for a wide range of graphics applications, as well as CAD and GIS documents. Ideal for central printrooms and reprographers that want to offer new large format services, like posters, pop-up banners, artistic canvas, wallpaper, and more with the new versatile Océ MediaSense technology. A cost efficient way for print service providers and retailers to produce short-run full colour graphic applications more economically with little preparation time or complex finishing.

Unlike other large format printing systems, the Océ ColorWave 700 printer allows you to print on thicker media giving you the ability to grow your application offerings for a faster return on investment and to better serve your customers.

Like other members of the Océ large format family, this printer works just like a tablet thanks to the Océ ClearConnect multi-touch user interface. That means little to no training for your staff and the ability to print on your way to your next meeting or from the job-site. Keep work moving even when you can't get to the printer with the versatile Océ ClearConnect communication connections.

## A productive, full-colour large format solution

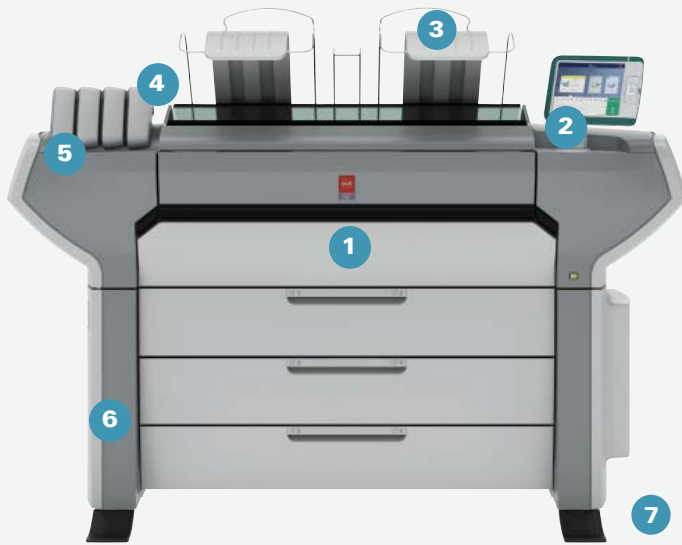
You can print, copy, and scan at the same time with the integrated controller without sacrificing productivity or quality. This system easily processes large complex files at a speed of 1,389 square feet per hour.

The Océ ClearConnect software suite gives you more flexible ways to submit files to the printer. Print from a desktop via Océ Publisher Select™ software to manage complex document sets. Print from the cloud or a mobile device via WiFi to have prints available more quickly. Optional ONYX Thrive™ software provides preflighting and advanced colour management tools to ensure superior colour results and high productivity.

## Media flexibility for versatile application offerings

The Océ ColorWave 700 printer is the flexible choice. Expand your services cost-effectively with Océ MediaSense technology's ability to print on thicker media (up to 32 mil). This is ideal for posters, pop-up banners, disposable point-of-sale, canvas, wallpaper, and many more. You can also print productive short runs on low-cost uncoated bond or a variety of specialty media to meet customer demands.

The Océ patented Océ CrystalPoint® technology ensures robust, waterfast prints with sharp lines, high readability of fine details, and smooth, even area fills. The high-quality prints, which are consistent over time and on different machines, have a unique silk-shine look and feel, independent of the type of media you use. The ONYX® workflow software helps you to meet customers' demands. The embedded Adobe PDF Print Engine controller/RIP eliminates the need for an external RIP for standard work. Use the ONYX workflow software when you need to match specific colour or for streamlining special production workflow.



### 1 PRODUCTIVE AND VERSATILE PRINTER

Produce a wealth of applications. The productivity, reliability, and high print quality makes this system perfect for a production environment. With Océ MediaSense technology, this system supports media up to 32 mil, increasing your application range significantly.

### 2 EFFORTLESS OPERATION WITH THE OCÉ CLEARCONNECT PANEL

The Océ ClearConnect panel works like a tablet. Easily control the printer with your fingertips using simple and familiar screen movements. Check that documents are correctly positioned using the live preview to avoid errors.

### 3 PRODUCTIVE FINISHING AND SCANNING

Print, copy, and scan at the same with the powerful Océ PowerSync controller. Scan to the cloud, your USB flash drive or as a hard copy. The Océ Top Delivery Tray

can stack up to 75 D-size prints, no separate table required. You can also chose the Océ Delivery Tray for added stacking capabilities and save time with the Estefold folding options.

### 4 RELIABLE PERFORMANCE

Patented Océ CrystalPoint technology ensures robust, waterfast prints with sharp lines, high readability of fine details and smooth area fills. High-quality, consistent prints have a unique silk-shine look and feel, independent of the media used.

### 5 SUSTAINABLE AND SECURE SYSTEM

With Océ CrystalPoint technology, you have the ability to print on recycled medias with high-quality results. The unit emits no ozone, dust or odor. The system is constructed of durable and solid parts and designed to be recycled and re-used.

### 6 FAST RETURN ON INVESTMENT

Save costly labor hours, like preparation time by printing different file types directly without opening their applications. Save manual trimming time with the automatic cutter. Save further time loading rolls with the 6-roll capacity. You can also shorten your lead times by eliminating drying and curing time for prints. The Océ PowerSync controller process large files quickly eliminating missing information, distortions, and long wait times at the printer.

### 7 TIME SAVING WORKFLOW

This system is designed to make it easier to prepare, produce, and manage complex files ranging from AEC and CAD all the way to large graphic files. Advanced tools make it easy to get documents when and where you need them.

## Increase your efficiency with multiple finishing options

Cut manual finishing out of your workflow. Prints come out dry, cut-to-size, and stacked in the right order. The top delivery tray holds up to 75 prints. Add the Océ Delivery Tray for an extra capacity of up to 150 prints. Seamlessly handle 650 feet of roll-to-roll applications with the Media Take-Up Module. It can feed directly into a cutter or laminator and has an unloading station and tape dispenser built-in. Choose the optional integrated folders to deliver quality folded documents automatically. Two folding options with the Océ Estefold 2400 fanfold and the Océ 4312 Estefold fullfold save you valuable time on hand folding documents.

A fully integrated scanner using Océ Color Image Logic® technology automatically compensates for wrinkled prints, light colour, and background noise to produce superior results with no extra time spent changing scan settings.

## Sustainable and secure investment

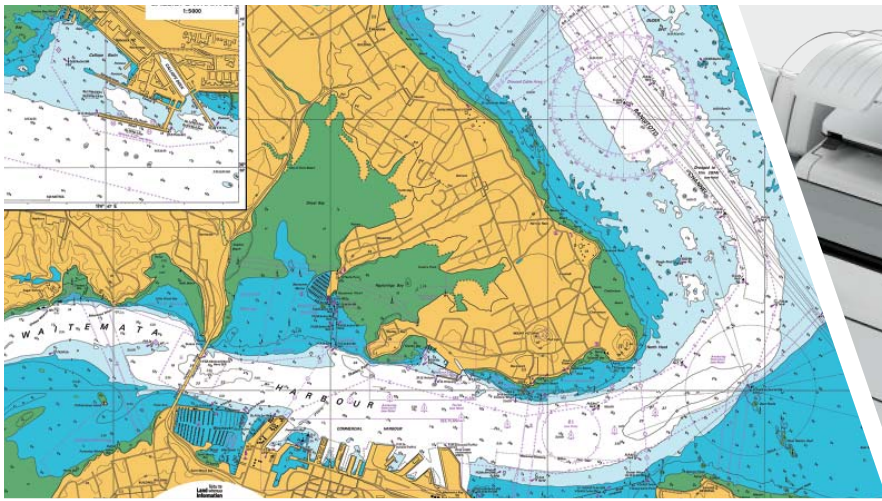
When you work in a production environment, you want your systems to be people friendly and planet friendly. The Océ ColorWave 700 printer is designed to create a healthy working environment. The unique Océ TonerPearls® toner ensures that there's no fine dust, no odor, and minimal waste disposal. It can print on recycled and carbon neutral media and has good de-inking properties.

Save time and money by printing your large format jobs in-house with no manual trimming or dry time, cut-to-size output that's ready for shipping or finishing. You can also help increase your profitability by offering a wider range of applications, all printed on the Océ ColorWave 700 printing system.



PRINT SYSTEM	
Description	Colour and Monochrome printer based on Océ CrystalPoint Technology, 42", Dual Memory Controller, 4 rolls (6 roll option), Océ ClearConnect multi-touch user panel, Océ Top Delivery Tray
Imaging technology	Océ CrystalPoint Technology. Instant dry, waterfast output on uncoated media
Toner/ type	Océ ColorWave 700 TonerPearls toner, Cyan, Magenta, Yellow and Black TonerPearls, 500 gram /colour. Clean toner refill, no toner dust, no residue
Print modes	OPA (Océ Print assistant, determines the most suitable print mode automatically based on content file)
Print speed	Monochrome CAD: 1,389 sq. ft./hour (225 D-size prints/hour) in high speed mode, Colour CAD: 1,292 sq. ft./hour (212 D-sized prints/hour) in high speed mode
Resolution	True resolution: 600 x 600 dpi
Size main engine (WxDxH)	6.89' x 2.95' x 5.18' (2100 x 900 x 1580 mm)
Weight main engine	594 lb. (290 kg) (printer and 1 drawer)
MEDIA HANDLING	
Media capacity	4 or 6 rolls (1 drawer = 2 rolls, 2 drawers = 4 rolls, 3 drawers = 6 rolls). Up to 13,650' of online media capacity
Supported rolls	Maximum roll diameter: 7.1" (180 mm) Maximum roll weight: 44 lb. (20 kg) 3" and 2" cores (media on 2" core to the external output not to the TDT) Media untaped on core
Media thickness	800 µm; 32 mil (film: 2.5 – 8 mil)
Media tools	Automatic width detection. Océ Media Sense Technology (automatic media thickness measurement and printing height adjustment).
Maximum media length	650' (200 m)
Media cutting	Automatic / Manual option
Media sizes	All widths between 11"-42" (297 mm-1067 mm), including standard sizes DIN, ANSI, ARCH
Media weight	Paper: 16-43 lb. (60-160 g/m <sup>2</sup> ); film: 2.5-4.5 mil
Minimum print length	8.5" (210 mm)
Media type	Uncoated papers, uncoated Tyvek®, self-adhesive papers, self-adhesive coated vinyls, blue back papers, polypropylene films, polyester films, light blocks films, canvas, soft banner, instant dry photo paper, backlit paper, uncoated and coated nonwoven wallpaper (fleece), self-adhesive wallpaper, several natural and synthetic textiles.
USER INTERFACE	
Description	Océ ClearConnect multi-touch user panel
Size (WxDxH)	11.8" x 8.7" x 1.6" (300 x 220 x 40 mm); Touch screen: 10.4"
Resolution	800 x 600 pixels
Number of colours	16.2 million
Technology	Projective capacitive touch
Operation	3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch functions: tap, double tap, pinch, 2 finger pinch, swipe, flick, and spread
Interface design	IF design award: distinctive user interface with 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, green) USB 2.0 interface with indication light
Languages	Switch instantly between 2 languages. Select from 21 languages.
CONTROLLER	
Description	Océ POWERsync Controller, with Microsoft Windows 8 embedded, 64 bits
Processor	i3 processor
Memory	8 GB





<b>CONTROLLER (CONTINUED)</b>	
Video	Intel HD Graphics, 1GHz
Hard disk	2 x 500 GB
Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP, IPv4, IPv6, https Discovery: WSD, LPD, NetBios
Page description language	TIFF 6.0, JPEG1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS 1, NIRS, NIFF, PS3/PDF1.7/APPE3 (optional)
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, Removable Hard Drives (optional)
Access management	Provide secure access to device by users by keying in password on the ClearConnect multi-touch operator panel or get access with a Smart Card by connecting a card reader. Authorization is managed by using Active Directory.
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®, ARC® Collaborate.
Colour management	<ul style="list-style-type: none"> <li>• RGB input profile (sRGB, AdobeRGB)</li> <li>• CMYK input profile (Euroscale coated, Euroscale uncoated, US Web coated (SWOP), US Web uncoated, ISOcoated_v2_eci_300.icc, ISOcoated_v2_eci.icc (FOGRA39), PSO Uncoated ISO12647-ECI (FOGRA47), GRACoL2006_Coated1v2.icc, SWOP2006_Coated3v2.icc, SWOP2006_Coated5v2.icc, UncoatedFogra29.icm)</li> <li>• Gray profile (standard included in the PDF/APPE option)</li> <li>• Rendering intent (perceptual, saturation, absolute colourimetric, relative colourimetric)</li> </ul>
Smart inbox	Personal Smart Inboxes for organizing and re-group jobs, reprinting or preview before printing.
<b>SCANNER</b>	
Description	Contact Image Sensor (CIS) Colour scanner with Océ Image Logic technology
Scan resolution	600 x 600 dpi
Scan speed	Monochrome: maximum 47.9'/min (14.6 m/min) Colour: maximum 15.75'/min (4.8 m/min)
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, Collaborate
Original width	8.2"-36" (208 mm-914 mm); automatic digital width detection
Original length	8.2"-630" (208 mm-16,000 mm); (file type dependent, longer than 629.92" (16,000 mm) for smaller originals), automatic length detection
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	For scanning and copying
Size scanner (WxDxH)	43" x 12" x 5.5" (1097 x 308 x 140 mm)
Weight scanner	55 lb. (25 kg)
<b>ENVIRONMENTAL</b>	
Sound pressure level	Ready: 36 dB(A), Active: 57 dB(A)
Sound power level	Ready: 4.7 B(A), Active: 6.9 B(A)
Ozone concentration	0
Heat emission	Ready: 214 W, Active: 395 W
Power requirements	100-240 V, 50-60 Hz
Power consumption	Sleep: 2.5W, Ready: 199 W, Active: 380 W
Safety/EMC marks & environmental labels	CE, TÜV GS, CETECOM, c-UL-US, RCM, ENERGY STAR, FEMP, EPEAT?
Recyclables	Printer: made of steel and highly recyclable plastics, min 86% of the engine can either be upcycled or recycled. Toner: cartridge packaging reused as maintenance cassette and made of recyclable plastic. Prints: very good deinkability when recycled.



HIGHLIGHTS OCÉ WORKFLOW SOFTWARE	
<b>Job submission</b>	<p>Create, retrieve and/or send jobs from drivers (Océ Wide Format Printer Driver for Microsoft Windows 2, Océ PostScript 3 driver), external locations (SMB, FTP, LPR, WebDav), Océ Express WebTools, Océ Publisher Select, Océ Publisher Mobile, USB flash drive, Cloud services, Océ Direct Print.</p> <p>1-click printing from USB, 1-click printing from last send jobs via Print SmartAccess on Océ ClearConnect user panel. The Smart Inbox on the Océ ClearConnect user panel enables the job preview: swipe between your jobs for print selection and preview. Pan to view the image in detail (zoom).</p> <p>Multiple files and originals are supported. Print multiple times, and sort by page or set. Media saving automatically rotates originals to optimize media usage.</p> <p>Full support of Adobe PostScript 3, Adobe PDF Print Engine (APPE 3) and ONYX® software.</p>
<b>Queue management</b>	<p>Spool memory provides a queuing system for print and copy jobs. This enables multiple users to send print and copy jobs at the same time. Customize priority settings for copy and print jobs in the queue.</p> <p>The Job 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.</p>
<b>Print management</b>	<p>View the counter history at preferred time periods, per job or total overview.</p> <p>View, create, edit, and delete stamp templates.</p>
<b>Device management</b>	<p>Océ Express WebTools provide administrators the tools to manage the device remotely via the web: for example, define default settings for print, copy and scan, define access, security, accounting, power on/off timer, system behavior etc. It also provides live system feedback via the web, very useful for the help desk.</p>
<b>Scan to file</b>	<p>Océ Scanner Express offers full hybrid performance with its scan-to-file functionality. Send files, via SMB, FTP, WebDAV, to various locations such as local drives, personal Smart Inboxes, or the cloud application of your choice.</p> <p>Scan to USB or use Océ Mobile WebTools and Océ Publisher Mobile to scan to mobile devices.</p> <p>Custom scan file naming to any location. Checkplot functionality.</p> <p>Océ ClearConnect supports Live Preview of the scanning process on the user panel.</p> <p>Scan to many formats including Adobe PDF.</p>
<b>Océ ClearConnect</b>	<p>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 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 defined in Océ Express WebTools.</p> <p>The Smart Inbox supports multi-user environments and 1-click printing via the Océ SmartAccess for all users.</p> <p>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, Print job submission. You can access the integrated Océ Express WebTools controller application from any networked workstation.</p> <p>Job view to check the printer status, available wherever you are with a single click.</p> <p>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.</p> <p>What you see is what you print with WPD 2.</p> <p>Open API for third party or own-developed applications integrated with the Océ ClearConnect user panel.</p> <p>Configurable accounting.</p>
<b>Mobile and Cloud</b>	<p>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.</p>



OCÉ WORKFLOW SOFTWARE	
Description	Concurrent print, copy, and scan of single documents or sets.
Printer drivers	Océ Wide Format Printer Driver for Microsoft Windows 2, 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 Direct Print, and Océ Publisher Select software.
Job management	Personalized Smart Inbox with history, Manage queue, Manage history, Océ Express WebTools, Secured controller access
Accounting	Option: Océ Account Center
Device management	Remote device management and with Océ Express WebTools: secured controller access, remote shutdown and restart, define default setting, define system behavior.
GENERAL	
Media capacity upgrade (optional)	Additional 2 roll media drawer
Stacking systems (standard)	Integrated Top Delivery Tray, 75 sheets capacity.
Océ ClearConnect multi-touch user interface (standard)	Consistent look and feel from every angle of your workflow, standard including Océ Smart Inbox and Océ SmartAccess and Océ Live Preview.
Productive scanning system (optional)	Océ Scanner Express with Océ Image Logic® technology.
Workflow software (standard)	Océ Wide format Printer Driver for Microsoft Windows 2, 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
Adobe workflow (optional)	Adobe PostScript 3/PDF/APPE file interpreter
Folding systems (optional)	Océ 2400 FanFold Océ 4300 FullFold series
Stacking Systems (optional)	Océ Delivery Tray, 150 sheets capacity. Increase delivery capacity up to 225 pages.
Workflow software (optional)	Océ View Station, Adobe PostScript 3/PDF/APPE file interpreter, Océ Account Center, Océ Remote Service.

## 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.

The Canon logo is displayed in a bold, red, sans-serif font.

**Because It Counts**

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