OCÉ COLORWAVE® 700 PRINTING SYSTEM

Versatile and productive large format color systems

Advance your business with the 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 color graphic applications more economically with little preparation time or complex finishing.
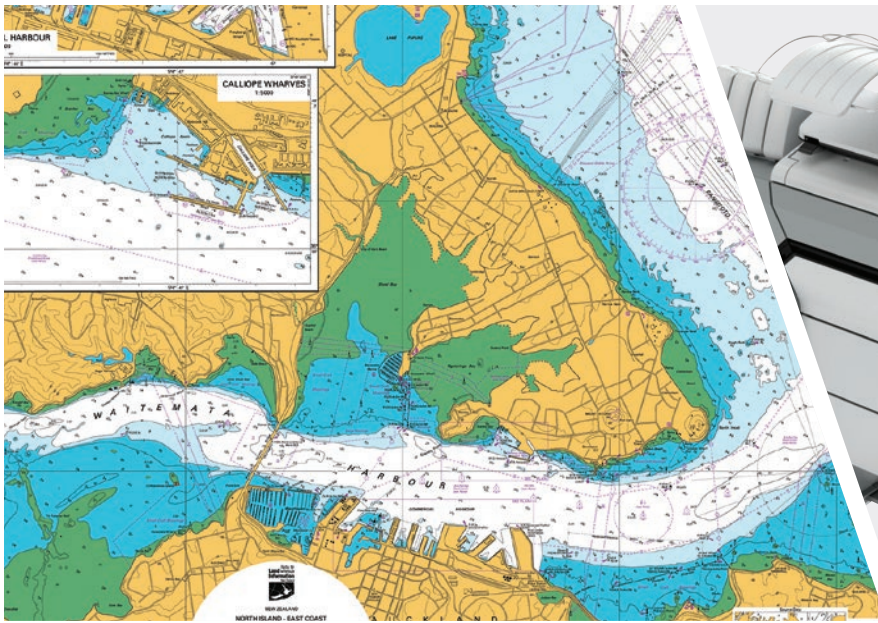
PRINT SYSTEM

Description	Color 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 /color. 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, Color 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' × 2.95' × 5.18' (2100 × 900 ×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/m²); 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 (W×D×H)	11.8" × 8.7" × 1.6" (300 × 220 × 40 mm); Touch screen: 10.4"
Resolution	800 × 600 pixels
Number of colors	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
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.

CONTROLLER (CONTINUED)	
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.
Color management	• RGB input profile (sRGB, AdobeRGB) • 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 • Gray profile (standard included in the PDF/APPE option) • Rendering intent (perceptual, saturation, absolute colorimetric, relative colorimetric)
Smart inbox	Personal Smart Inboxes for organizing and re-group jobs, reprinting or preview before printing.
SCANNER	
Description	Contact Image Sensor (CIS) Color scanner with Océ Image Logic technology
Scan resolution	600 x 600 dpi
Scan speed	Monochrome: maximum 47.9'/min (14.6 m/min) Color: 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 (W×D×H)	43" × 12" × 5.5" (1097 × 308 × 140 mm)
Weight scanner	55 lb. (25 kg)
ENVIRONMENTAL	
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

ENVIRONMENTAL (CONTINUED)	
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	
Job submission	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. 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). 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, Adobe PDF Print Engine (APPE 3) and ONYX® software.
Queue management	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. 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.
Print management	View the counter history at preferred time periods, per job or total overview. View, create, edit, and delete stamp templates.
Device management	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.
Scan to file	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. Scan to USB or use Océ Mobile WebTools and Océ Publisher Mobile to scan to mobile devices. Custom scan file naming to any location. Checkplot functionality. Océ ClearConnect supports Live Preview of the scanning process on the user panel. Scan to many formats including Adobe PDF.

HIGHLIGHTS OCÉ WORKFLOW SOFTWARE (CONTINUED)	
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 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.
	The Smart Inbox supports multi-user environments and 1-click printing via the 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, 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.
	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 with WPD 2.
	Open API for third party or own-developed applications integrated with the Océ ClearConnect user panel.
	Configurable accounting.
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.

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.

WHY CANON SOLUTIONS AMERICA.

Canon Solutions America recommends forward-thinking strategies to achieve the highest levels of information management efficiency for your unique business needs. Using superior technology and innovative services, we then design, implement, and track solutions that improve information flow throughout your organization in environmentally conscious ways, resulting in greater productivity and reduced costs.

There are many reasons why you should choose Canon Solutions America as your provider for document management solutions. Benefits include:

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- Managed Document Services
- Nationwide Coverage
- Customized Industry Solutions
- Genuine Canon and Océ Parts and Supplies
- Diverse Range of Input-to-Output Technology

But that's not all. As a company that is dedicated to your needs, we support our solutions with highly skilled professionals and advanced diagnostic systems to maintain peak performance. And with ongoing consultation, we can further your document management capabilities to ensure the highest level of satisfaction and productivity.

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