Océ ColorWave 3700

FOR THE CREATORS: ROCK-SOLID WIDE-FORMAT PRINTING WITH UNPARALLELED EASE OF USE

Embrace convenient, confident, hassle-free 42-inch printing. With reliable quality honed by 10 years of proven Océ CrystalPoint technology, the ColorWave 3700 is ideal for graphic arts and technical printing when every detail counts.

- Preserve fine details and enjoy instant dry quality with Océ CrystalPoint technology – perfect for graphic arts and technical prints

- Mix applications and run large jobs interruption-free with a 1200m media capacity thanks to 6 rolls

- Ensure consistent print quality from the first to last print, between engines and during the machine's lifetime with Océ PAINT technology

- Combine ColorWave 3700 with a portfolio of perfectly tuned peripherals, including Océ Folder Express 3011, Océ Folder Professional 6011/6013 and Océ Stacker Select*

- Benefit from truly versatile media handling – use one of the 34 supported media types or easily add local media with ColorWave 3700's custom media feature

- Increase productivity with the sustainable roll-loading method, automatic roll switching, roll width detection and easy paper feeding

- Get excellent results no matter what the media – Océ MediaSense technology supports media up to 800 µm and automatically measures media thickness for pristine results

- Get clean, sharp lines for thicker CAD, GIS and GA roll media with the improved cutting unit

- Avoid costly and time-consuming misprints with true print preview for any job

PRODUCT RANGE

Océ ColorWave 3700

Océ ColorWave 3500

Canon

TECHNOLOGY

Long description	Print excellent, high-quality prints in color and monochrome, on a wide range of media. The Océ ColorWave 3700 offers rock-solid reliability and unparalleled ease of use, with smart innovations that reduce delays and avoid misprints. Confidently print high quality graphics and technical documents where every detail of data is critical. With the Océ ColorWave 3700, you can enjoy a low-maintenance, high-productivity print engine that supports your business.
Applications	Technical drawings, Maps, POP/POS posters, Graphic Arts applications like posters, wallpapers, banners, wrapping paper, fine art
Print technology	Océ CrystalPoint technology. Instant dry, waterproof output on no matter what the media, also on uncoated paper
Imaging Devices	The printer contains 8 Imaging Devices, 2 for each color (CMYK).
Toner	Océ ColorWave 3700 TonerPearls, Cyan, Magenta, Yellow and Black TonerPearls, 500 gram /color. Clean toner refill, no toner dust, no short cut.
Print speed	B&W CAD: 225 A1/D/hour (high speed mode), Color CAD: 212 A1/D/hour (high speed mode) Color posters: 368 m2/day" (production - fast)
Print modes	9 print modes and OPA (Océ Print Assistant, determines automatically the best print mode based on the content, without intervention required).
Resolution	True resolution: 600 x 600 dpi

PRINTING SYSTEM CONFIGURATION

Dimensions printer (WxDxH)	2100 x 900 x 1580 mm; 82.7 x 35.4 x 62.2 in
Shipping dimensions printer (WxDxH)	2271 x 1196 x 1547 mm; 89.4 x 47.1 x 60.9 in
Weight printer	290 kg; 639 lbs (printer and 2 drawers)
Shipping weight printer	376 kg; 829 lbs (printer and 2 drawers)
Optional productive scanning system	Océ Scanner Express IV Océ Image Logic technology.
Standard stacking system	Integrated Top Delivery Tray, Up to 90 prints (based on 60gr/m2 media).
Optional stacking systems	Océ Stacker Select (later in 2018), up to 500 sheets stacking capacity Océ Delivery Tray, 150 sheets capacity. Increase delivery capacity up to 240 pages.
Optional finishing devices	Océ Folder Express 3011; integrated full fold Océ Folder Professional 6011; integrated full fold Océ Folder Professional 6013; integrated full fold + reinforcement module SDD Take-up Module TUM 6244

MEDIA HANDLING

Technology	AutoSwitching Technology: • the correct roll for a print job is selected automatically based on the media type and roll width • Automatic roll switching when end of roll is reached Automatic width detection Océ MediaSense technology (automatic media thickness measurement and printing height adjustment allows you to print on up to 800 um thick media)
Media cutting	Automatic, manual or off
Custom media	Custom media support, including automatic calibration, no tooling and training required
Media rolls	4 or 6 rolls (2 drawers = 4 rolls , 3 drawers = 6 rolls)
Media capacity	Up to 1200 m, 200 m on a roll
Media weight	Paper: 60-200 g/m²; 16-53 lbs; film: 2.5-4.5 mill
Media thickness	800 µm; 30 mil (film: 65 - 200 µm / 2,5 - 8 mil)
Roll length	Up to 200 m
Roll width	All widths between 297 mm - 1067 mm, 11 inch - 42 inch, including standard sizes DIN, ANSI, ARCHI
Roll diameter	Up to 180 mm; 7.1 in
Roll core diameter	3 inch and 2 inch cores (media on 2 inch core will be delivered through the external output and not through the Standard Top Delivery Tray)

Roll weight	Up to 20 kg
Minimum print length	210 mm; 8,5 in
Maximum print length	Up to 200 m, 50 m guaranteed
Media types (www.mediaguide.oce.com)	Uncoated papers, uncoated Tyvek, self-adhesive papers, self-adhesive coated vinyls, blue back papers, textile types, polypropylene films, polyester films, light blocks films, canvas, soft banner, instant dry photo paper, coated & uncoated non-woven wall paper (fleece), backlit paper, self-adhesive wall paper, several natural and synthetic textiles

CONTROLLER

Description	Océ POWERsync® controller
Operating system	Microsoft Windows® 10 IoT Enterprise (64-bit)
Processor	Intel® Core™ i5 processor
Memory	8 GB DDR3 DRAM
Hard drive	2 x 500 GB
Video	Intel HD Graphics, 1GHz
Print languages (standard)	TIFF 6.0, JPEG1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS 1, NIRS, NIFF
Print languages (optional)	ColorWave 3700 PDF/APPE license provides access to Adobe® PostScript® 3 and PDF1.7. It enables the Adobe® CPSI (Configurable PostScript Interpreter) and the APPE (Adobe PDF Print Engine) 4 components
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 (including contactless). 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.
Transformations	Scaling; Scaling (scale-to-fit page, reduce when image too large to avoid clipping or to custom factor, scale page size to standard blanc too much), Shift (automatic or user defined), Adding/removing trailing/leading edge, Mirror, Area to erase (area of intrest)
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 (automatic image enhancement, e.g. color highlight, folding lines, weak info, background)
Scan resolution	600 x 600 dpi
Scan speed	Max. 14,6 m/min Black & white scanning; Max. 4.8 m/min Color 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, Smart Inbox, mobile device via Océ Mobile WebTools, WebDav Cloud, Collaborate
Scan protocol	FTP, SMB, scan to cloud (push to webDAV based clouds)
Scan naming	Preset naming with auto numbering for productive scanning or file name on the Océ ClearConnect user panel
Original width	208 mm - 914 mm; 8.2" - 36", automatic digital width detection
Original length	208 mm - 16000 mm; 8.2"- 630" (file type depended, longer than 16000 mm for smaller originals) , automatic length detection
Original thickness	Maximum 0.8 mm; 0.03" (non-rigid documents)
Zoom	Copying: 1:1, Scale to media size , Scale to standard format, Custom: 10 - 1000 %
Preset modes	For scanning and copying
Size scanner (WxDxH)	1097 x 308 x 140 mm; 43 x 12 x 5,5"
Weight scanner	25 kg; 55 lbs

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USER INTERFACE

Description	Océ ClearConnect multi-touch User Interface. Rotatable touchscreen for accessing local job management, the Océ Smart Inbox, the printer status, and maintenance control. Consistent look and feel from every angle of your workflow.
Size User Interface (WxDxH)	300 x 220 x 40 mm; 11.8 x 8.7 x 1.6 in. Touch screen: 264mm; 10.4 in
Resolution	800 x 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: tab, 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.

Workflow

Description	Océ Workflow: Concurrent printing, copying, scanning and file processing of single documents or sets
Printer drivers	Océ PostScript®3 driver, Océ Wide format Printer Driver for Microsoft® Windows® 2
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 3, Océ Reprodesk, ONYX® Thrive
Job management	Personalized Smart Inbox with history, Manage queue, Manage history, Océ Express WebTools, Secured controller access
Accounting (standard)	Océ Express WebTools
Accounting (option)	Océ Account Center

NETWORK INFORMATION

Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP, IPv4, IPv6, https Discovery: WSD, LPD, NetBios
Protocols	Network protocols: TCP/IP Printing protocols: LPR, LPR to DRP, FTP, WebDav, Collaborate, WSD print Backchannel protocols: SNMP printer MIB, Océ Wave interface 1.3, WSD, OCI

ENVIRONMENTAL & SAFETY

Ozone emissions	Zero
Heat emission	Printing: 395 W, Ready: 214 W
Power requirements	100 - 240 V, 50 - 60 Hz
Power consumption	Sleep: 2,5W, Ready: 199 W, Active: 380 W
Accoustic sound pressure	Printing: 57 dB(A), Ready: 36 dB(A)
Accoustic sound power	Printing: 6,9 B(A), Ready: 4,7 B(A)