

Canon

CANON SOLUTIONS AMERICA



CANON SEE IMPOSSIBLE

FOR THE CREATORS

Océ ColorWave 3500 printer



Rock-solid wide format printing with unparalleled ease of use

Print excellent, high-quality prints in color and monochrome on a wide range of media. The Océ ColorWave® 3500 printer offers rock-solid reliability and unparalleled ease of use with smart innovations that reduce delays and avoid misprints. Confidently print technical documents and high-quality graphics where every detail of data is critical. With the Océ ColorWave 3500 printer, you can enjoy a low-maintenance, high-productivity engine that supports your business.

OCÉ COLORWAVE 3500 PRINTER



A CANON COMPANY



GENERAL			
Application	Technical drawings, maps, POP/POS posters, and graphic arts applications		
TECHNOLOGY			
Print Technology	Océ CrystalPoint® technology		
Imaging Devices	The printer contains eight imaging devices, two for each color (CMYK)		
Toner	Océ ColorWave 3500 printer uses Océ TonerPearls® — Cyan, Magenta, Yellow, and Black Océ TonerPearls, 500 gram/color. Clean toner refill, no toner dust, no residue.		
Print Speed	Monochrome CAD: 225 A1/D/hour (high-speed mode), Color CAD: 212 A1/D/hour (high-speed mode), 4A1/D/min. Color posters: 3,960 sq. ft./day (production — fast)		
Productivity	Page size	Productivity (pages/hour)	Productivity (m ² /hour)
	E-size/A0*	129 (grayscale) 120 (color)	129 (grayscale) 120 (color)
	D-size/A1*	225 (grayscale) 212 (color)	113 (grayscale) 106 (color)
Print Modes	Four print modes and OPA (Océ Print Assistant, automatically determines the best print mode based on the content, no intervention required)		
Resolution Imaging Devices	True resolution: 600×600 dpi		
Resolution Droplet Aligning Accuracy	1,200 dpi (corresponds to 20 microns)		
Automated Functions	<ul style="list-style-type: none"> • Océ PAINT technology (Piezo Acoustic Integrated Nozzle Technology) - Applies sophisticated diagnostics, maintenance, and error corrections to overcome common nozzle issues that occur with conventional inkjet printers — even while printing • Océ Image Logic® technology — an intelligent, easy-to-use solution that helps you consistently turn imperfect originals into high-quality copies and scans without any hassle • Automated roll selection • Automated print language recognition • Automated print mode selection OPA • Automated fold assistant 		
Design	<ul style="list-style-type: none"> • Totally integrated system • Ergonomic single side operation; all functions are accessible from the front, which enables placement near the wall • Only one power and network cable required for both printing and scanning • iF Product Design award (predecessor: Océ ColorWave 500 printer) 		
PRINTING SYSTEM CONFIGURATION			
Printer Dimensions (W x D x H)	82.7"×35.4"×62.2" (2,100×900×1,580 mm)		
Printer Shipping Dimensions (W x D x H)	89.4"×47.1"×60.9" (2,271×1,196×1,547 mm)		



Printer Weight	556 lbs. (252 kg) — printer and one drawer
Printer Shipping Weight	745 lbs. (338 kg) — printer and one drawer
Printer	Color and monochrome printer based on Océ CrystalPoint technology, Océ POWERSync controller with Intel® Core™ i3 processor, two rolls, Océ ClearConnect multitouch user panel, Océ top delivery tray
Optional Productive Scanning System	Océ Scanner Express with Océ Image Logic technology
Standard Stacking System	Integrated top delivery tray; 90-sheet capacity
Optional Stacking Systems	Océ Delivery Tray; 150-sheet capacity. Increases delivery capacity up to 240 pages.
Optional Finishing Devices	<ul style="list-style-type: none"> • Océ Estefold 4312 Fullfold • Océ Estefold 2400 Fan Fold • SDD Take-up Module TUM 6244
MEDIA HANDLING	
Technology	Auto switching technology: <ul style="list-style-type: none"> • 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
Media Cutting	Automatic
Media Rolls	Two or four rolls (one drawer = two rolls, two drawers = four rolls)
Media Capacity	Up to 2,600' — 650' on a roll (800 m — 200 m on a roll)
Media Weight	Paper: 16 – 43 lbs.; 60 – 160 g/m ² Film: 2.5 – 8 mil
Media Thickness	Paper: 8 mil; 200 µm Film: 2.5 – 8 mil
Roll Length	Up to 650' (200 m)
Roll Width	All widths between 11 – 42" (297 – 1,067 mm) including standard sizes DIN, ANSI, ARCHI
Roll Diameter	Up to 7.1" (180 mm)
Roll Core Diameter	3" and 2" cores (media on 2" core to the external output not to the TDT) Media loose on core
Roll Weight	Up to 44.1 lbs. (20 kg)
Maximum Printable Width	42" (1,066 mm)
Maximum Print Length	Up to 656'; 164' guaranteed (200 m; 50 m guaranteed)
Media Types	Uncoated papers, uncoated Tyvek® media, self-adhesive papers, self-adhesive coated vinyls, blue back papers, polypropylene films, polyester films, light blocks films, soft banner instant dry photo paper, backlit paper



CONTROLLER	Océ POWERsync Controller
Operating System	Microsoft® Windows® 10 IoT Enterprise (64-bit)
Processor	Intel Core i3 processor
Memory	8 GB DDR3 DRAM
Hard Drive	2× 500 GB
Video	Intel HD Graphics, 1 GHz
Print Languages (Standard)	TIFF 6.0, JPEG 1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS
Print Languages (Optional)	Océ ColorWave 3500 printer PDF/APPE license provides access to Adobe® PostScript®3 and PDF 1.7. It enables the Adobe CPSI (Configurable PostScript Interpreter) and the APPE (Adobe PDF Print Engine) four components.
Access Management	Provide secure access to device for users by keying in password on the Océ ClearConnect multitouch operator panel or get access with a smart card by connecting a card reader (including contactless). Authorization is managed by using Microsoft 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, GoogleDrive, Microsoft OneDrive, Amazon®, Cloudsafe®, MyDisk®, ARC® Collaborate
Transformations	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; Area to erase (area of interest)
Color Management	<ul style="list-style-type: none"> • 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-E1 (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 regroup jobs, reprinting, or preview before printing
SCANNER	
Description	<ul style="list-style-type: none"> • Océ Scanner Express is a Contact Image Sensor (CIS) color scanner, offering full hybrid performance with its scan-to-file functionality. Océ Image Logic technology automates image enhancement and corrects for color highlight, folding lines, weak info, background, and more. • Send files via SMB, FTP, or 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. Checkpoint functionality. • Océ ClearConnect supports live preview of the scanning process on the user panel. • Scan to many formats, also to Adobe PDF.
Scan Resolution	600×600 dpi
Scan Speed	47.9'/min. monochrome scanning; 15.7'/min. color scanning (14.6 m/min. monochrome scanning; 4.8m/min. color scanning)



Scan Formats	TIFF, PDF/A, JPEG, CALS, multipage PDF, multipage PDF/A, and multipage TIFF
Scan Destination	Local USB flash drive, FTP, SMB, Controller, mobile device via Océ Mobile WebTools, WebDAV Cloud, Collaborate
Scan Protocol	FTP, SMB, scan to cloud (push to WebDAV-based clouds)
Original Width	8.2–36" (208–914 mm) automatic digital width detection
Original Length	8.2–630" (208–16,000 mm)—file type dependent, longer than 630" (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: 10–1,000%
Preset Modes	For scanning and copying
Scanner Size (WxDxH)	43"×12"×5.5" (1,097×308×1,400 mm)
Scanner Weight	55 lbs. (25 kg)
USER INTERFACE	
Description	<ul style="list-style-type: none"> Océ ClearConnect multitouch user interface. Rotatable touchscreen for accessing local job management, the Océ Smart Inbox, Océ SmartAccess, Océ Live Preview, printer status, and maintenance control. Consistent look and feel from every angle of your workflow.
User Interface Size (WxDxH)	11.8"×8.7"×1.6" (300×220×40 mm); Touchscreen: 10.4" (264 mm)
Resolution	800×600 pixels
Number of Colors	16.2 million
Operation	<ul style="list-style-type: none"> Three hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multitouch functions: tab, double tap, pinch, two finger pinch, swipe, flick, and spread
Interface Design	iF Design award: distinctive user interface with intuitive navigation and clearly defined levels of operation
Features	<ul style="list-style-type: none"> 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 two languages. Select from 21 languages.
WORKFLOW	
Description	Océ workflow: Concurrent printing, copying, scanning, and file processing of single documents or sets



Printer Drivers	Adobe PostScript3 Driver, Océ Wide Format Printer Driver for Microsoft Windows 2 (WYSIWYP)
Job Submission	Create, retrieve, and/or send jobs from printer drivers; external locations (SMB, FTP, LPR, WebDAV); Océ Mobile WebTools for iOS and Android; Océ Publisher Mobile for iOS and Android; Océ Publisher Select 3; Océ Publisher Mobile; Océ Publisher Express; Océ Reprodesk; ONYX® Thrive™; Cloud services; USB flash drive
Océ ClearConnect	<ul style="list-style-type: none"> The Océ ClearConnect software suite consists of a variety of applications that all have the same user interface. Default jobs can be performed only by clicking the green button (Océ SmartAccess for Print, Scan and Copy). Behavior and presets are customizable via Océ Express WebTools. Edit the most commonly used job settings for copy, scan, and print jobs. Use the Océ 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. Open API for third-party or self-developed applications integrated with the Océ ClearConnect user panel.
Job Management	Personalize Océ Smart Inbox with history, manage queue, manage history, Océ Express WebTools, secured controller access
Device Management via Océ Express WebTools	Océ Express WebTools provide administrators the tools to manage the device remotely via the web: e.g. check printer status; define default settings for print, copy, and scan; define access; security; accounting remote shutdown; software update and restart; power on/off timer; system behavior; queue management; license management; view, create, edit, and delete stamp templates; etc. It also provides live system feedback via the web, enabling efficient help desk support.
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. Job can be paused, deleted, and placed on top of the queue.
Accounting (Standard)	Océ Express WebTools: View the counter history at preferred time periods, per job, or total overview
Accounting (Option)	Océ Account Center
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.
NETWORK INFORMATION	
Client Operating System Support	<ul style="list-style-type: none"> Microsoft Windows 7/Microsoft Windows 7, 64 bits/Microsoft Windows 8.1/Microsoft Windows 8.1, 64 bits/Microsoft Windows 10/Microsoft Windows 10, 64 bits/Microsoft Windows Server 2008 R2, 64 bits/Microsoft Windows Server 2012, 64 bits/Microsoft Windows Server 2012 R2, 64 bits Mac® OS 10.10/Mac OS 10.11/Mac OS 10.12 (Adobe PostScript 3 driver support only for Mac OS)
Interface	<ul style="list-style-type: none"> Ethernet 100 Mbits/s, 1 Gbits/s TCP/IP: DHCP, IPv4, IPv6, HTTPS Discovery: WSD, LPD; NetBios
Protocols	<ul style="list-style-type: none"> Network protocols: TCP/IP Printing protocols: LPR, LPR to DRP, FTP, WebDAV, Collaborate, WSD print Backchannel protocols: SNMP printer MIB, Océ ColorWave interface 1.3, WSD.OCI
Security	<ul style="list-style-type: none"> HTTPS, extended security protection for administrator, audit logging. Configurable HTTPS Certificates, Ipsec, EWT LDAP Authentication, E-shredding, access control. Allow disabling TLS 1.0 and 1.1 protocols (no response to network scan) and enable TLS 1.2+ include stronger cipher (enable/disable). Unused interfaces can be disabled, software updates are secure, and SNMP is read-only. Removable Hard Drives (optional). User authentication on local UI for FTP, SMB, and WebDAV. Disk Encryption AES 256, Support 802.1x Authentication.
ENVIRONMENTAL & SAFETY	
Ozone Emissions	Zero



Heat Emission	Printing: 395 W, Ready: 214 W
Operating Temperature	59–95°F (recommended: 68–81°F); 15–35°C (recommended: 20–27°C)
Operating Humidity	20–80% RH (recommended: 30–60% RH)
Power Requirements	100–240 V, 50–60 Hz
Power Consumption	Sleep: 2.5 W; Ready: 199 W; Active: 380 W
Acoustic Sound Pressure	Printing: 57 dB(A); Ready: 36 dB(A)
Acoustic Sound Power	Printing: 6.9 B(A); Ready: 4.7 B(A)
Certifications	TüV GS, CETECOM, CE, c-UL-US, CB, RCM, ENERGY STAR®, FEMP, EPEAT, CCC, EAC, FCC Class A, VCCI Class A, GREENGUARD
Recyclables	<ul style="list-style-type: none"> • Printer: made of steel and highly recyclable plastics; minimum of 86% of the engine can either be upcycled or recycled • Toner: cartridge packaging reused as maintenance cassette and made of recyclable plastic • Print: very good deinkability when recycled

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 while considering the environment, helping to result 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:

- A Canon U.S.A. Company
- Business Services
- Professional Services
- Global Capabilities
- Certified Training and Support
- Flexible Finance Options
- Single-Source Solutions Provider
- 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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