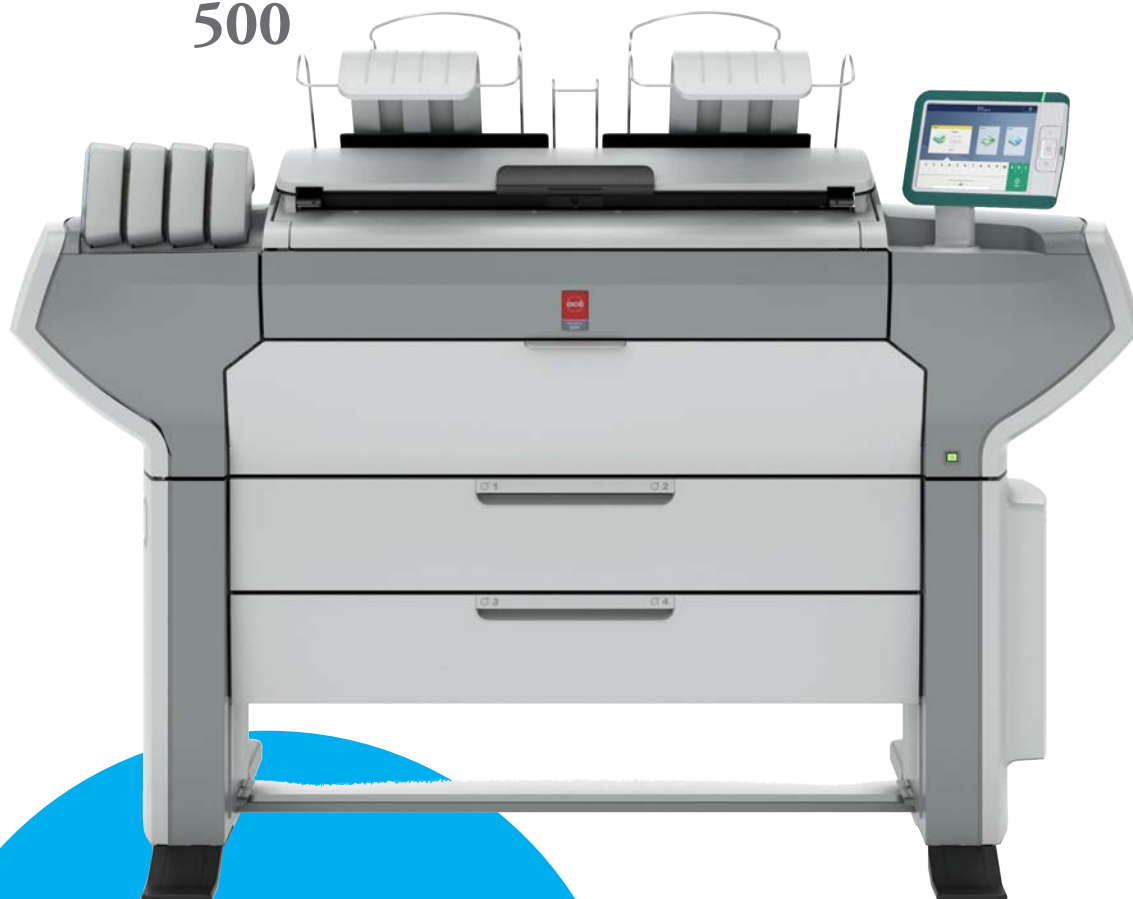


Océ ColorWave® 500



All-in-one,
colour work-group
printer for
CAD/GIS and
graphics applications

An all-in-one colour printer, the Océ ColorWave 500 is the ideal solution for work-groups, featuring powerful technologies to support CAD, GIS and graphics applications with instant-dry and water-resistant prints.



1 Productive all-in-one

Designed for efficiency, this system can print, copy and scan at the same time with the integrated controller. It processes large and complex files swiftly to prevent jobs from backing up. You get the same look and feel for black & white and color jobs, making it easier for users to easily get great results. It supports up to 4 media rolls, each containing up to 200 meters of media. Automatic roll detection and media selection reduces waste.

2 Effortless operation

Get neatly collated and stacked documents of up to 100 A0 / E-size plots on the top delivery tray thanks to air separation technology. No extra space needed for a folding table. Two folding options save you valuable time on hand folding documents. Get quality folded documents ready to go.

3 Neat document delivery

The Océ ClearConnect touchscreen works like a tablet. Swipe, spread and zoom in on details of a drawing. Check that documents are correctly positioned using the live scan preview. Organize prints in your Personal Smart Inbox to save time. To reduce preparation time, the system automatically selects the print mode, image position and best fit media roll. Switch rolls quickly with the built-in loading station and automatic paper feed and media width detection.

4 Superior color copy and scanning

Océ Color Image Logic® automatically compensates for wrinkles and light colors to produce optimal results. Originals are inserted face-up and paper width is detected automatically.

5 Reliable performance

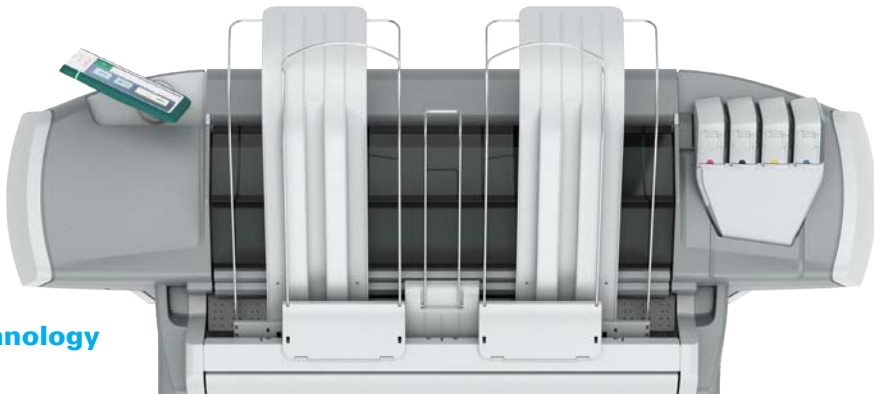
Océ CrystalPoint Technology offers the best of solid toner paired with inkjet technology. It uses accurate dot positioning to create crisp, vibrant graphics with a silk-shine finish on plain and recycled media. Prints come out dry and cut to size and no lamination is needed. Ideal for high-use, industrial areas. This system is designed to stand up to intensive use by multiple users. It produces a consistent stream of print volumes over a long period of time, based on the robust design and engineering found in our high-volume systems.

6 Sustainability secure

You can quickly and easily handle the Océ TonerPearls with no risk of getting residue on your hands or in the air. This system has very low ozone emissions, low levels of noise and low levels of heat. It runs very quietly, so it can be comfortably placed in an office environment.

Time saving workflow in a nutshell

This system is designed to make it easier to prepare, produce and manage complex technical documents and sets of drawings. The Océ ClearConnect suite of advanced tools makes it easy to get documents where you need them, when you need them. Use Océ Publisher Select to manage complex document sets and save time. Print from the cloud, a mobile device or via a WiFi router. Manage your system remotely for more convenience. Safeguard information with our advanced security features.



The next generation of CrystalPoint technology

- New media path design
- 4 colour Océ TonerPearl system
- Good adhesion properties, instant dry and water resistant prints even on uncoated media



Solid In - TonerPearls

Solid TonerPearls, no fine dust, no air pollution, no system contamination, clean handling.

Tonergel jetting

TonerPearls jellified into toner gel inside the Imaging Device. Compact droplets, no feathering, crisp quality. Accurate positioning, sharp lines, uniform area fill.

Solid Out - Toner Crystallization

Patented crystallization agent controls crystallization time. Strong adhesion, robust prints.

Colour scanning

- Optional built-in colour scanner
- Optimise scans with patented Océ Colour Image Logic® workflow
- High quality scans regardless of condition of original file
- Automatically clear background noise and capture details, even from mixed originals that include text, highlighted lines and photos

Ideal for multi-user project groups

- Productive printing of high quality CAD/GIS and graphics applications
- Integrated output options
- Ideal for in-house or remote work-groups and central print rooms
- Virtually no dust or ozone emission

Ideal for multi-user environments

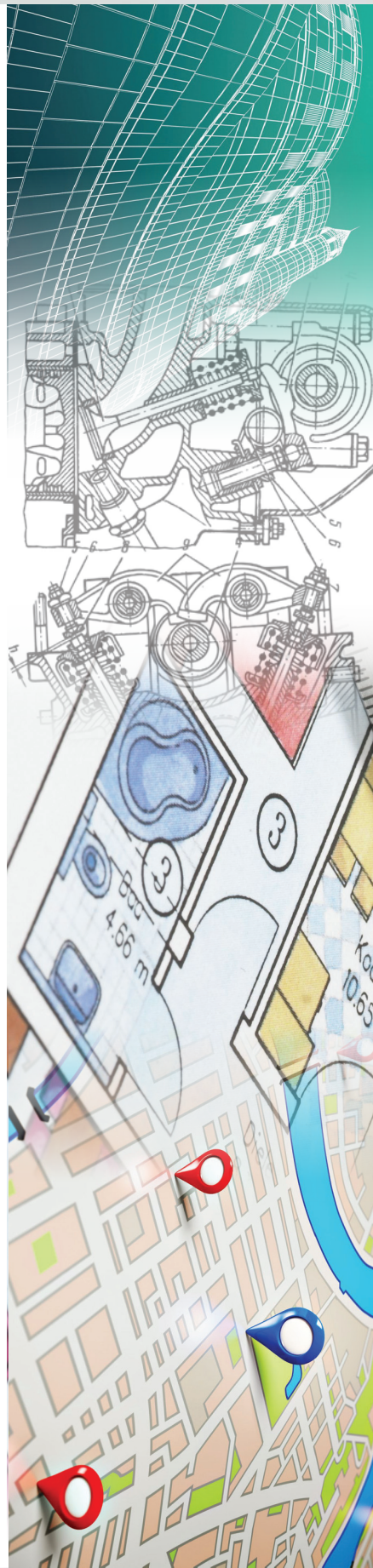
- Swift running with Intel® Core™ i3 processor, dual hard drive and 8GB RAM
- Accurate previews and fast processing speeds with end-to-end PDF workflows

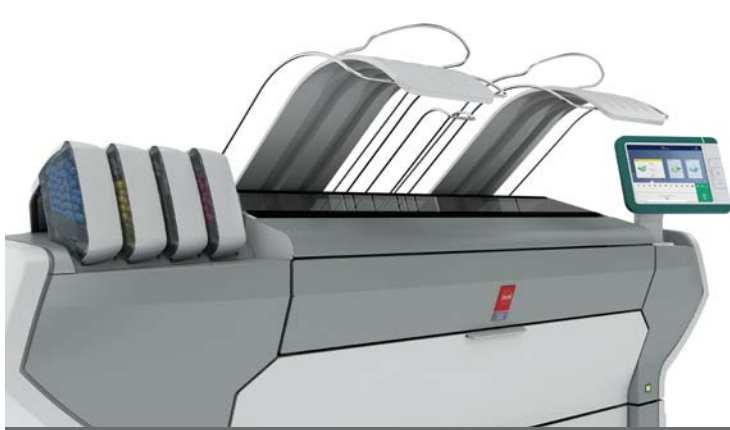
Intuitive touch screen and easy accessibility

- Intuitive usability on Océ ClearConnect touch screen with tablet-like gestures
- Preview, print, retrieve, create sets, zoom-in, zoom-out, select rolls and print profiles, see toner levels and connect to 3rd party software applications

Secure and connected

- Print from and scan to your cloud server, mobile phone, tablet or USB drive
- Optional built-in user authentication features





Océ ColorWave® 500 Product Specifications

GENERAL		MEDIA HANDLING		ENVIRONMENTAL SPECIFICATIONS	
Printer Description	Colour work-group printer for CAD/GIS and graphics applications	Media Capacity	2 or 4 rolls (1 drawer = 2 rolls, 2 drawers = 4 rolls)	Sound Pressure	Ready: 36 dB(A); Active: 57 dB(A) Sound power level
Print Technology	Océ CrystalPoint Technology brings instant-dry, water-resistant prints on uncoated media	Supported Types of Media Rolls	Max. roll diameter: 180 mm; Max. roll weight: 20 kg; Media loose on core 3 inch & 2 inch cores	Sound Power Level	Ready: 4.7 B(A); Active: 6.9 B(A)
Print Resolution	600 x 600 dpi	Media Thickness	Up to 200 µm or 0.2 mm (Film: 2.5 - 8 mil or 0.0065 - 0.2 mm)	Ozone Concentration	0 mg/m3
Print Modes	4 different quality modes and Océ Print Assistant (OPA) ^[1]	Maximum Media Length	200 m per roll (800 m for 4 rolls)	Heat Emission	Ready: 214 W, Active: 395 W
Consumables	4 colour TonerPearl system; Cyan, Magenta, Yellow and Black (500grams/color)	Media Width	297 mm - 1067 mm	Power Requirements	100 - 240 V, 50 - 60 Hz
Productivity	B&W: 225 A1/h, Colour: 212 A1/h (high speed mode) ^[2]	Media Weight	Paper: 60-160 g/m ²	Power Consumption	Sleep: 2.5 W; Ready: 199 W; Active: 380 W
Size (WxDxH)	2100 mm x 900 mm x 1580 mm	Media Cutting	Automatic or manual	Environmental Labels	CE, TÜV GS, CETECOM, c-UL-US, RCM, ENERGY STAR®, FEMP
Weight	252 kg ^[3] (printer and 1 drawer)	Supported Media Types	Uncoated papers (90-160 grams), uncoated tyvek, blue back papers, polyester films, soft banner, instant dry photo paper (120-170 grams), vellum, self adhesive papers (90-120 grams) Refer to website: mediaguide.oce.com	Recycling	Printer is made of steel and highly recyclable plastics; minimum 86% of the engine can either be upcycled or recycled. The packaging for toner cartridge can be reused as maintenance cassette and is made of recyclable plastic. Good deink ability of prints.
Standard Output Option	Top Delivery Tray (Capacity up to 75 sheets)				
TECHNOLOGY		SCANNER		WORKFLOW	
Océ POWERSync	The architecture that combines controller, Adobe® PDF PrintEngine 3 (APPE3), fast processor and high capacity RAM	Description	Built-in Océ Scanner Express II (Optional)	Drivers	Océ Wide Format Printer Driver 2 for Microsoft Windows®, Océ PostScript® 3 driver
Océ PAINT	Piezo Acoustic Integrated Nozzle Technology	Technology	Colour Contact Image Sensor (CIS) scanner works based on Océ Image Logic technology	Job Submission Tools	Océ Wide Format Printer Driver 2 for Windows®, Océ PostScript® 3 driver, external locations (SMB, FTP, LPR, WebDAV), Mobile devices via Océ Express WebTools ^[6] , Océ Publisher Select 2, Océ Publisher Mobile, USB flash drive, Cloud services. Supported by Adobe® PostScript® 3, Adobe® PDF Print Engine 3 (APPE 3). Océ ClearConnect touch screen
Océ ImageLogic	600 x 600 dpi	Scan Resolution	600 x 600 dpi	Job Management	Smart inbox, manage queue, secured controller access, Océ Account Centre
		Scan Speed	14.6 m/min (Black&White); 4.8 m/min (Colour)		
		Original Width	208 - 914 mm (8.2 - 36"); Automatic width detection		
		Original Length	208 - 16000 mm (8.2 - 630") ^[4]		
		Original Thickness	Up to 0.8 mm (0.03") ^[5]		
		Zoom	1:1, Scale to media size/ standard format, custom 10-1000%		
		Scan Formats	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page, PDF/A and multi-page TIFF		
		Scanning Destinations	USB drive, FTP, SMB, controller, mobile device via Océ Mobile WebTools, WebDAV Cloud, Collaborate		
		Scan protocol	FTP, SMB, Scanning to cloud		
		Size Scanner (WxDxH)	1097 mm x 308 mm x 140 mm (43 x 12 x 5.5")		
		Weight Scanner	25 kg		
CONTROLLER		USER INTERFACE			
Controller	Windows® 8 (64-bit) embedded controller	Description	Océ ClearConnect multi-touch user panel		
Processor	Intel® Core™ i3	Screen Size	300 x 220 x 40mm Touch screen: 10.4"		
Memory	8 GB RAM	Operations	3 buttons for [Wake-up], [Stop, interrupt, abort] and [Home]; Multi-touch tablet like gestures		
Video Card	Intel® HD Graphics, 1GHz	Features	Custom positioning (Tilt from -4° to +45° and turn from -45° to +180°); Operation status light (red, green)		
Hard Disk	2 x 500 GB				
Interface	Ethernet 100 Mbps/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/PDF/ APPE3 (optional)				
Printing Protocol	LPR, LPR to DRP, FTP, WebDAV, Collaborate, WSD print				
Back Channel Protocol	SNMP printer MIB, Océ Wave interface, WSD, OCI				
Security	E-shredding, IPsec, HTTPS, extended security protection for administrator, audit logging, User authentication on local UI for FTP, SMB and WebDAV; Configurable HTTPS Certificates, Removable Hard Drives (optional), Access Management (optional)				
Cloud Support	Unlimited user authentication on cloud via WebDAV or a third party provider such as Microsoft SharePoint®, Dropbox®, Box.com, box.net, Google Drive™, Microsoft SkyDrive®, Amazon®, Cloud Safe®, My Disk®				

FOOTNOTES

- [1] Océ Print Assistant is a tool that determines the best print mode automatically based on file content
- [2] Measurements are based on printing CAD file at high-speed print profile
- [3] For 1 printer and 2 drawers
- [4] Depending on the file type
- [5] For non-rigid media only
- [6] Océ Express WebTools enables you to manage the device remotely on the web
- [7] Access Management is a user authentication tool that enables users to access the printer by entering user credentials on the ClearConnect touch screen or swiping cards if there is connected card reader. Authorization is managed by using Active Directory.

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