

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.



Versatile and ideal for multi-user project groups

- ENERGY STAR® qualified workgroup printer
- 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

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

Ideal for multi-user environments

- Swift running with Intel® Core™ i3 processor, dual hard drive and 8GB RAM
- Optional Adobe® PDF Print Engine 3 (APPE3) for accurate previews and fast processing speeds with end-to-end PDF workflows

Reduced need for servicing

- Océ PAINT technology repairs nozzle failures automatically, even on the fly, and extends the lifetime of the imaging device
- Fewer requirements for daily maintenance

Intuitive touch screen and easy accessibility

- Intuitive usability on Océ ClearConnect 10.6" 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

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



Technical Specifications

Océ ColorWave 500

General		Zoom	10 - 1000 %
Printer Description	Colour work-group printer for CAD/GIS and graphics applications (max 750 characters)	Scan formats	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Imaging technology	Océ CrystalPoint Technology brings instant-dry, water-resistant prints even on uncoated media	Scanning destinations	USB drive, FTP, SMB, controller, mobile device via Océ Mobile WebTools, WebDAV Cloud, Collaborate
Print resolution	600 x 600 dpi	Scan protocol	FTP, SMB, Scanning to cloud
Print modes	4 different quality modes and Océ Print assistant (OPA) ^[1]	Naming	Naming scanned files on Océ ClearConnect touch panel
Consumables	4 colour TonerPearl system; Cyan, Magenta, Yellow and Black	Size scanner (WxDxH)	1097 mm x 308 mm x 140 mm (43 x 12 x 5.5")
Print speed	B&W: 225 A1/h, Colour: 212 A1/h or up to 247 m ² /h mechanical printing speed ^[2]	Weight scanner	25 kg
Media capacity	2 - 4 rolls in 1 - 2 drawers	User interface	
Size (WxDxH)	2100 mm x 900 mm x 1580 mm	Description	Océ ClearConnect multi-touch user panel
Weight	252 kg ^[3]	Screen size	10.4"
Standard output option	Top Delivery Tray (Capacity up to 75 sheets)	Resolution	800 x 600 pixels
Technology		Number of colours	16.2 Million
Océ POWERSync	The architecture that combines controller, Adobe® PDF Print Engine 3 (APPE3), fast processor and high capacity RAM	Technology	Projective capacitive touch screen
Océ PAINT	(Piezo Acoustic Integrated Nozzle Technology) Automatically repairing nozzle failure even on the go	Operation	3 buttons for [Wake-up], [Stop, interrupt, abort] and [Home]; Multi-touch tablet like gestures
Océ ImageLogic Controller	Patented optimisation process for copying and scanning	Features	Custom positioning (Tilt from -4° to +45° and turn from -45° to +180°); Operation status light (red, green)
Controller	Windows® 8 (64-bit) embedded controller	Environmental Specifications (Printer)	
Processor	Intel® Core™ i3	Sound pressure level	Ready: 36 dB(A); Active: 57 dB(A)
Memory	8 GB RAM	Sound power level	Ready: 4.7 B(A); Active: 6.9 B(A)
Video card	Intel® HD Graphics, 1GHz	Ozone concentration	0 mg/m ³
Hard disk	2 x 500 GB	Heat emission	Ready: 214 W, Active: 395 W
Interface	Ethernet 100 Mbits/s, 1 Gbit/s, TCP/IP: DHCP, IPv4, IPv6, https, Discovery: WSD, LPD, NetBios	Power requirements	100 - 240 V, 50 - 60 Hz
Page description language	TIFF 6.0, JPEG1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS1, NIRS, NIFF, PS3/PDF1.7/APPE3 (optional)	Power consumption	Sleep: 2.5 W; Ready: 199 W; Active: 380 W
Printing protocol	LPR, LPR to DRP, FTP, WebDAV, Collaborate, WSD print	Environmental labels	CE, TÜV GS, CETECOM, c-UL-US, RCM, ENERGY STAR®, FEMP
Back channel protocol	SNMP printer MIB, Océ Wave interface 1.3, WSD, OCI	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.
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)	Workflow	
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®	Drivers	Océ Wide Format Printer Driver 2 for Microsoft Windows®, Océ PostScript® 3 driver
Media handling		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) and Onyx software.
Supported types of media rolls	Max. roll diameter: 180 mm; Max. roll weight: 20 kg; Media loose on core	Océ ClearConnect touch screen	Jobs can be queued in the Smart Inbox. They can be viewed, edited, deleted, sent, saved and resubmitted on the panel. The software settings can be changed on Océ Express WebTools. You can view printer status and access the online help document in many languages and manage 3rd party applications.
Media thickness	0.8 mm (30 mil); Film: 0.065 mm - 0.2 mm (2.5 - 8 mil)	Scan-to-file	You can scan to file via Océ Scanner Express and send files to USB, local drives, mobile devices, or your personal space on a cloud environment via SMB, FTP, WebDAV. You can name files and check plot on the fly.
Maximum media length	200 m (656 feet)	Options	
Media width	297 mm - 1067 mm (11" - 42"); Automatic width detection	Hardware	Océ Scanner Express II, Additional roll drawer, EsTe 4311 full fold series, EsTe 2400 fanfold, Océ Delivery Tray (Capacity up to 150 sheets), Take-Up Module, Receiving rack
Media weight	Paper: 60-160 g/m ² (16-43 lbs); Film: 2.5 - 4.5 mill	Software	Océ Account Centre, Océ View Station, Access Management ^[7] , Onyx, Adobe® PostScript® 3, Adobe® PDF Print Engine 3 (APPE 3), Administrative Logon, 3rd Party Enabler
Media cutting	Automatic, manual or off		
Supported media types	Uncoated papers, uncoated Tyvek, self-adhesive papers, self-adhesive coated vinyl, 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		
Scanner			
Description	Built-in Océ Scanner Express II (Optional)		
Technology	Colour Contact Image Sensor (CIS) scanner works based on Océ Image Logic technology		
Scan resolution	600 x 600 dpi		
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]		

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 1 drawer
- [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.

