

# 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.



### 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 10.4" 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 3<sup>rd</sup> 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<sup>®</sup> 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

<p><b>General</b></p> <p><b>Printer Description</b></p> <p><b>Imaging technology</b></p> <p><b>Print resolution</b></p> <p><b>Print modes</b></p> <p><b>Consumables</b></p> <p><b>Print speed</b></p> <p><b>Media capacity</b></p> <p><b>Size (WxDxH)</b></p> <p><b>Weight</b></p> <p><b>Standard output option</b></p> <p><b>Technology</b></p> <p><b>Océ POWERSync</b></p> <p><b>Océ PAINT</b></p> <p><b>Océ ImageLogic</b></p> <p><b>Controller</b></p> <p><b>Processor</b></p> <p><b>Memory</b></p> <p><b>Video card</b></p> <p><b>Hard disk</b></p> <p><b>Interface</b></p> <p><b>Page description language</b></p> <p><b>Printing protocol</b></p> <p><b>Back channel protocol</b></p> <p><b>Security</b></p> <p><b>Cloud support</b></p> <p><b>Media handling</b></p> <p><b>Supported types of media rolls</b></p> <p><b>Media thickness</b></p> <p><b>Maximum media length</b></p> <p><b>Media width</b></p> <p><b>Media weight</b></p> <p><b>Media cutting</b></p> <p><b>Supported media types</b></p> <p><b>Scanner</b></p> <p><b>Description</b></p> <p><b>Technology</b></p> <p><b>Scan resolution</b></p> <p><b>Scan speed</b></p> <p><b>Original width</b></p> <p><b>Original length</b></p> <p><b>Original thickness</b></p> <p><b>Zoom</b></p>	<p>Colour work-group printer for CAD/GIS and graphics applications</p> <p>Océ CrystalPoint Technology brings instant-dry, water-resistant prints even on uncoated media</p> <p>600 x 600 dpi</p> <p>4 different quality modes and Océ Print Assistant (OPA) <sup>[1]</sup></p> <p>4 colour TonerPearl system; Cyan, Magenta, Yellow and Black</p> <p>B&amp;W: 225 A1/h, Colour: 212 A1/h or up to 247 m<sup>2</sup>/h mechanical printing speed <sup>[2]</sup></p> <p>2 - 4 rolls in 1 - 2 drawers</p> <p>2100 mm x 900 mm x 1580 mm</p> <p>252 kg <sup>[3]</sup></p> <p>Top Delivery Tray (Capacity up to 75 sheets)</p> <p>The architecture that combines controller, Adobe® PDF Print Engine 3 (APPE3), fast processor and high capacity RAM</p> <p>(Piezo Acoustic Integrated Nozzle Technology) Automatically repairing nozzle failure even on the go</p> <p>Patented optimisation process for copying and scanning</p> <p>Windows® 8 (64-bit) embedded controller</p> <p>Intel® Core™ i3</p> <p>8 GB RAM</p> <p>Intel® HD Graphics, 1GHz</p> <p>2 x 500 GB</p> <p>Ethernet 100 Mbits/s, 1 Gbit/s, TCP/IP: DHCP, IPv4, IPv6, https, Discovery: WSD, LPD, NetBios</p> <p>TIFF 6.0, JPEG1.02, HPGL, HPGL2, C4, Calcomp 906/907/951, CALS1, NIRS, NIFF, PS3/PDF1.7/APPE3 (optional)</p> <p>LPR, LPR to DRP, FTP, WebDAV, Collaborate, WSD print</p> <p>SNMP printer MIB, Océ Wave interface 1.3, WSD, OCI</p> <p>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)</p> <p>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®</p> <p>Max. roll diameter: 180 mm; Max. roll weight: 20 kg; Media loose on core</p> <p>0.2 mm (8 mil); Film: 0.065 - 0.2 mm (2.5 - 8 mil)</p> <p>200 m (656 feet)</p> <p>297 mm - 1067 mm (11" - 42"); Automatic width detection</p> <p>Paper: 60-160 g/m<sup>2</sup> (16-43 lbs); Film: 2.5 - 4.5 mill</p> <p>Automatic, manual or off</p> <p>Uncoated papers, uncoated tyvek, 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</p> <p>Built-in Océ Scanner Express II (Optional)</p> <p>Colour Contact Image Sensor (CIS) scanner works based on Océ Image Logic technology</p> <p>600 x 600 dpi</p> <p>14.6 m/min (Black&amp;White); 4.8 m/min (Colour)</p> <p>208 - 914 mm (8.2 - 36"); Automatic width detection</p> <p>208 - 16000 mm (8.2 - 630") <sup>[4]</sup></p> <p>Up to 0.8 mm (0.03") <sup>[5]</sup></p> <p>10 - 1000 %</p>	<p><b>Scan formats</b></p> <p><b>Scanning destinations</b></p> <p><b>Scan protocol</b></p> <p><b>Naming</b></p> <p><b>Size scanner (WxDxH)</b></p> <p><b>Weight scanner</b></p> <p><b>User Interface</b></p> <p><b>Description</b></p> <p><b>Screen size</b></p> <p><b>Resolution</b></p> <p><b>Number of colours</b></p> <p><b>Technology</b></p> <p><b>Operation</b></p> <p><b>Features</b></p> <p><b>Environmental Specifications (Printer)</b></p> <p><b>Sound pressure level</b></p> <p><b>Sound power level</b></p> <p><b>Ozone concentration</b></p> <p><b>Heat emission</b></p> <p><b>Power requirements</b></p> <p><b>Power consumption</b></p> <p><b>Environmental labels</b></p> <p><b>Recycling</b></p> <p><b>Workflow</b></p> <p><b>Drivers</b></p> <p><b>Job submission tools</b></p> <p><b>Océ ClearConnect touch screen</b></p> <p><b>Scan-to-file</b></p> <p><b>Options</b></p> <p><b>Hardware</b></p> <p><b>Software</b></p> <p>TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF</p> <p>USB drive, FTP, SMB, controller, mobile device via Océ Mobile WebTools, WebDAV Cloud, Collaborate</p> <p>FTP, SMB, Scanning to cloud</p> <p>Naming scanned files on Océ ClearConnect touch panel</p> <p>1097 mm x 308 mm x 140 mm (43 x 12 x 5.5")</p> <p>25 kg</p> <p>Océ ClearConnect multi-touch user panel</p> <p>10.4"</p> <p>800 x 600 pixels</p> <p>16.2 Million</p> <p>Projective capacitive touch screen</p> <p>3 buttons for [Wake-up], [Stop, interrupt, abort] and [Home]; Multi-touch tablet like gestures</p> <p>Custom positioning (Tilt from -4° to +45° and turn from -45° to +180°); Operation status light (red, green)</p> <p>Ready: 36 dB(A); Active: 57 dB(A)</p> <p>Ready: 4.7 B(A); Active: 6.9 B(A)</p> <p>0 mg/m<sup>3</sup></p> <p>Ready: 214 W, Active: 395 W</p> <p>100 - 240 V, 50 - 60 Hz</p> <p>Sleep: 2.5 W; Ready: 199 W; Active: 380 W</p> <p>CE, TÜV GS, CETECOM, c-UL-US, RCM, ENERGY STAR®, FEMP</p> <p>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.</p> <p>Océ Wide Format Printer Driver 2 for Microsoft Windows®, Océ PostScript® 3 driver</p> <p>Océ Wide Format Printer Driver 2 for Windows®, Océ PostScript® 3 driver, external locations (SMB, FTP, LPR, WebDAV), Mobile devices via Océ Express WebTools <sup>[6]</sup>, 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.</p> <p>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.</p> <p>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.</p> <p>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</p> <p>Océ Account Centre, Océ View Station, Access Management <sup>[7]</sup>, Onyx, Adobe® PostScript® 3, Adobe® PDF Print Engine 3 (APPE 3), Administrative Logon, 3rd Party Enabler</p>
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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 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.

