Océ PlotWave 450/Océ PlotWave 550

Highly productive black & white printers, colour scanners and copiers, for pure CAD & pure performance in AEC, manufacturing and print service providers.

The new Océ PlotWave 450 and Océ PlotWave 550 are perfect printers or multifunction systems for teams who need to print complex documents quickly, share simply and finish wide format projects faster, while keeping confidential information safe.

- Simple to use thanks to ClearConnect multi-touch operation, now with uniFLOW* software
- Data flexibility through full cloud integration.
- Enhanced productivity with a new, more powerful controller and Océ Radiant Fusing technology
- Time saving workflows using ClearConnect workflow with the new Océ Publisher Select 2 and Océ Repro Desk
- Rapid, professional printing, colour scanning and copying all in one, thanks to Océ image Logic
- Superior quality with 600 dpi x 1200 dpi pico-technology

- PlotWave 450 and PlotWave 550, two systems to accommodate productivity requirements
- Efficient printing that consistently produces up to 10 A1/D-size sheets per minute with capacity for 2 or 4 rolls of media
- Productive document delivery enabled via the integration of Océ PlotWave folder, directly controlled via the user interface
- Improved security through FIPS compliant features and disk encryption
- Human and eco friendly system with space saving ergonomic, single footprint design.

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Enjoy consistent, stress-free production

- The Océ PlotWave ClearConnect touchscreen works like a tablet for an intuitive user experience that simplifies complex document production

- Submit jobs with Océ Publisher Select 2 which will help you to create, print and manage multiple sets of technical documents effortlessly

- With a networked WiFi router, use your smartphone or computer to access technical files from the cloud and send them to print using Océ Mobile WebTools

Professional quality results over and over

- Get high quality black and white sets of documents that can withstand intensive use both on and off site, thanks to both our next generation print quality and water-fast technology

- Avoid potential errors when producing complex drawings by previewing documents before printing using the Océ Wide format Printer Driver for Windows

- Copy and scan at exceptional quality as Océ Image Logic® automatically compensates for wrinkles and folds and strengthens colours

- The fully integrated Océ PlotWave folder generates quality folded documents automatically to save time and help you stay organized

Cost-efficiency is built-in

- Get started instantly using our award winning Océ Radiant Fusing technology, which saves you time and money by going from quiet mode to print delivery in 30 seconds

- Print up to 600 sheets per hour, unattended on FSC, recycled and a range of other media

- Keep your operational costs low with a hard working construction that outlasts many comparable systems

Maintain high levels of security

- Use the latest security features to protect your confidential information with a Windows 8 embedded platform combined on our POWERsync controller

- Integrate this printer with existing hardware and software, like uniFLOW*, via the POWERsync controller open interface with no worries about operational or security challenges

- Secure your print data using DLAP login, smart card security or disk encryption option

- Keep your documents confidential through secure access to the printer thanks to uniFLOW*

Be environmentally sensitive

- Work comfortably nearby the machine as it has the lowest ozone emissions, the lowest levels of noise and heat compared to conventional systems

- Avoid spilling and inhaling toner with the closed toner system.

- Fully compliant with Epeat Bronze certification

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TECHNOLOGY

Product description	Black & white all-in-one wide format print/copy/scan system with color scanner
Imaging technology	Electrophotography (LED), organic photoconductor (OPC), clean closed toner system, Océ Radiant Fusing technology
Toner/ Ink type	Océ black toner: 0.450 kg per bottle
Print speed	Black & white: Océ PlotWave 450: 8 A1-sizes per minute, 4 A0 sizes per minute Océ PlotWave 550: 10 A1-sizes per minute, 5 A0 sizes per minute
Print resolution	600 dpi x 1200 dpi

GENERAL

Configuration	Printer or multifunctional 2 or 4 rolls
Size main engine (WxDxH)	Compact design: 1527 mm x 803 mm x 1495 mm (including top delivery tray)
Weight main engine	240 kg
Certifications	CE, TUV GS, CETECOM, C-UL-US, Energy Star 2.0, FEMP, Rohs, CCC, VCCC

MEDIA HANDLING

Paper rolls	2 or 4 rolls
Paper cutting	Cutters included in the drawer for fast and easy media switching
Maximum paper capacity	2 roll: 365 m2 4roll: 730 m2
Paper weight	60 - 110 g/m2
Roll width	297 mm - 914 mm
Printing length	Minimum: 279 mm - Maximum: 176 meters
Output delivery	Integrated top delivery tray
Media type	Paper: Plain paper, Transparencies, Translucent, Recycled paper, Engineering Bond, Engineering Vellum, Colored paper, Top Label Paper FSC, Red Label Paper PEFC, Black Label Paper PEFc, Green Label FSC, RecycledWhiteZero FSC, Transparent Paper, Transparent Paper FSC, Polyester film, Polyester film antistatic, Contrast Film, Clear Polyester Film, Double Matte Polyester Film, White Opaque Polyester Film, Translucent Engineering Bond, Engineering Bond, Recycled Engineering Bond, Engineering Vellum, Color Top, Recycled paper, Plain Paper recycled, Transparent

USER INTERFACE

Description	Océ ClearConnect multi-touch user interface
Size (WxDxH)	300 mm x 220 mm x 40 mm. Touch screen: 10.4"
Resolution	800 pixels 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: pinch, swipe, flick, zoom, pan
Features	View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees). Status light (red, orange, green). USB interface with indication light

CONTROLLER

Description	High performance Océ POWERsync controller with Windows 8 Embedded, 64 bits
Processor	Dual-Core G1620 @ 2.70GHz
Memory	4 GB DDR3 (standard)
Video	Intel HD Graphics, 1GHz
Hard disk	500 GB, 7200rpm (standard)
Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP,IPv4, IPv6, HTTPS Discovery: APIPA, WS-Discovery, SNMP
Page description language	TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)
Security	E-shredding, IPSec, IP filtering/Access Control Lists, HTTPS, audit logging, network protocol enable/disable, LDAP integration, Active Directory Integration (optional), User authentication on local ClearConnect user panel (LDAP/Active Directory credentials, smart card) for scan/copy/print. Configure HTTPS Certificates. Removable hard disk option, Optional FIPS 140-2 Certified Trusted Platform Module (TPM) and BitLocker based hard disk encryption, hard disk wipe (Only with Disk Encryption), Configurable CA certificate, Disable Network Ports and Protocols, Security Event Logging, Optional Single Sign-on (on device).
Cloud support	Unlimited user and or Administrator authenticated cloud support via WebDav and/or third party provider. The cloud user authentication can either be preconfigured by the administrator or done by the user at the time of accessing the specific cloud
Transformations	Scaling; 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, Black intensity in poster mode, Print optimization (standard, lines/text, poster). Color Highlight and Dark Original. Area to erase (area of interest)

SCANNER

Description	Contact Image Sensor (CIS) Color scanner with Océ Image Logic technology
Scan resolution	600 dpi x 600 dpi
Scan speed	14,6 m/min Black & white scanning; 9.7 m/min Copying; 4.8 m/min Color scanning
Scan format	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Scan templates	Virtual unlimited number of scan templates to standardize common scan settings and destinations
Scan destination	Local USB flash drive, FTP, SMB, Smart In box on Controller, Optional Local Home folder(LDAP), mobile device via Océ Mobile WebTools, WebDav Clouds, PlanWell Collaborate.
Original width	208 mm - 914 mm
Original length	208 mm - 16 m
Original thickness	Maximum 0.8 mm (non-rigid documents)
Zoom	Scale to standard format. Custom: 10 - 1000 %

Preset modes	Lines & text, Lines & text draft, Folded lines & text, Photo, Colored, Dark original, Blueprint, Color Highlight, Diazo
Size scanner (WxDxH)	1097 mm x 308 mm x 140 mm
Weight scanner	25 kg

ENVIRONMENTAL

Sound power level	Quiet mode (Standby and sleep): less than 25 dB Print mode: less than 55 dB
Ozone concentration	<0.001 mg/m3, < 0.000473 PPM (0,05% of permitted limit value)
Heat emission	Ready: 72 W, Active:1.6 kW
Power requirements	90 - 240 V, 50/60Hz
Power consumption	Sleep mode: 1 W ready mode: 88 W Active mode: 1.5 KW
Recyclability hardware	Made of steel or highly recyclable plastics: up to 95% of the engine can either be up cycled or recycled. Remaining 5% are non toxic waste.
Recyclability toner container	Bottles made of highly recyclable HDPE (High Density Polyethylene)

WORKFLOW

Description	Concurrent print, copy and scan of single documents or sets
Printer drivers	Océ Wide format Printer Driver 2 for Microsoft® Windows®, Océ PostScript® 3 driver, Océ Mobile WebTools for iOS®, Android® and BlackBerry®, Océ Publisher Mobile for IOS® and Android®, Océ Publisher Express, Océ Publisher Select 2.
Job management	Personalized Smart Inbox with history, Manage queue, Océ Express WebTools, Secure controler access, remote shutdown and restart
Accounting	Océ Account Centre (Optional)

OPTIONS

Hardware	Additional 2nd roll drawer option to increase media capacity from 365 to 730 m2, Océ Scanner Express placed on top of the printer, removable hard disk, Climate Control, TPM module, Océ PlotWave folder, Océ Delivery Tray to increase delivery capacity up to 200 pages.
Software	Océ View Station, Adobe® PostScript ®3/PDF file interpreter, Océ Reprodesk, Océ Account Center. uniFLOW*

*sold separately

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