

Specifications for Océ PlotWave 450/550

General		
Description	Monochrome all-in-one wide format print / copy / scan system with colour scanner, with optional finishing	
Imaging Technology	Electrophotography (LED) with Organic photoconductor (OPC) Océ Radiant Fusing Technology with Instant warm up Clean toner refill system Virtually no ozone emission	
Speed	Black & White: Océ PlotWave 450: 8 A1 / D-sizes per minute Océ PlotWave 550: 10 A1 / D-sizes per minute	
First Print Out Time	30 seconds (including 1 click USB printing, file processing, top delivery)	
Warm-up Time	Instant with Océ Radiant Fusing technology	
Roll Options	2 or 4 rolls, manual feed of cut sheet media	
Output Delivery	Compact and ergonomic top delivery tray with air separation; up to 100 plots collated	
Certifications	CE, TUV GS, CETECOM, C-UL-US, Energy Star 2.0, FEMP, Rohs, CCC, VCCC	
Printer		
Print Resolution	600 x 1200dpi	
Paper Capacity	2 roll: 365m ² , 4 roll: 730m ²	
Output Sizes Width	279 - 914mm	
Output Sizes Length	279 - 176,000mm for long plots	
Paper Weight	60 - 110g/m ²	
Media Type	Paper:	Plain paper, Transparencies, Translucent, Recycled paper, Engineering Bond, Engineering Vellum, Colored paper, Top & Green Label FSC, Red & Black Label PEFC, Recycled White Zero FSC
(www.mediaguide.oce.com)	Film:	Polyester 3.5 and 4 mil, Antistatic, Contrast, Clear Polyester, Double Matt, White Opaque
Controller		
Controller Type	Océ POWERSync controller with Windows® 8 Embedded, 64 bits Dual-Core G1620 @ 2.70GHz	
Memory	4GB DDR3	
Hard Drive	500GB, 7200rpm	
Page Description Language	TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)	
Scanner		
Scanner Type	Contact Image Sensor (CIS) with Océ Colour Image Logic technology	
Scan Resolution	600 x 600dpi resolution	
Scan Speed	9.7m/min. (copying) 14.6m/min. (Black & white scanning) 4.8m/min. (Color scanning)	
Scan Format	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF	
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 Size	Width:	208 - 914mm (maximum image width 914mm)
	Length:	208 – 16000mm
Original Thickness	Up to 0.8mm (non-rigid documents)	

Scaling	1:1, Scale to media size, scale to standard format, custom scale 10 - 1000%	
Preset Modes	Blueprint, Coloured original, Dark original, Folded lines/text, Lines/text standard, Lines/text draft, Photo, Map, Artwork	
Print, Copy and Scan Workflow		
General Workflow	Concurrent print, copy and scan of single documents or sets	
Submission	Single files:	Local USB flash drive, Océ Mobile WebTools, local USB flash drive, Microsoft® certified Océ Windows Printer Driver 2.0, Océ PostScript® 3 driver
	Sets of files:	Local USB flash drive, web-based job submission Océ applications Windows based job submission Océ applications
	Océ Express WebTools:	Single interface to view and control the system via an Internet browser without installing additional software
	Océ Mobile WebTools:	Submit files from your Mobile device or retrieve scanned files from the inbox
Job Management	Monitor and manage the system status, print jobs, settings, network configurations, updates, remote shutdown & restart. Includes personal smart inbox.	
Accounting	Optional customizable print, copy and scan tracking with Océ Account Center Enables recurring tasks to be performed at the touch of a single button	
Scan to Color inkjet	Scan directly to Canon imagePROGRAF iPF 800 series via Océ Publisher Select 2	
Options		
Hardware	Océ Scanner Express, integrated on top colour scanner for copying and scanning Additional roll drawer unit (comes with 2 rolls) Oce Plotwave Folder, with optional reinforcement unit and belt unit Océ Delivery Tray for printer output	
Software	Adobe® PostScript 3 / PDF file interpreter enables the submission of PDF files with USB flash drive or job submission tools directly to the printer Océ Account Center Océ Reprodesk	
Network Information		
Client Operating System Support	Certified Océ Windows Printer Driver for 2.0 for Windows 8 (32 and 64 bits), Windows 7 (32 and 64 bits), Windows Vista, Windows XP, Windows Server 2003 & 2008, Windows Terminal Server, Citrix MetaFrame and Presentation Server Océ PostScript 3 for Windows 8, Windows 7, Windows Vista, Windows XP and Windows Server 2003 & 2008, Mac OS X Océ Publisher Select for Windows 8, Windows 7, Windows Vista, Windows XP and Windows Server 2003 Océ Express WebTools for Windows Internet Explorer and Mozilla® Firefox® Océ Mobile WebTools for IOS (need a web browser with an embedded file system, iCab Mobile), Android, Symbian and BlackBerry	
Interface	Ethernet 100 Mbits/s, 1 Gbit/s TCP/IP: DHCP, IPv4, IPv6, HTTPS Discovery: APIPA, WS-Discovery, SNMP	
Printing Protocols	LPR, FTP, WebDAV, WSD print	

Scanning Protocols	FTP, SMB	
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).	
Environment Data		
Power Consumption Active Mode (printing)	1.5kW	
Power Consumption Ready Mode (standby)	88W	
Power Consumption (Sleep Mode)	1W	
Power Requirements (V / Hz / A)	90 - 240V, 50 / 60Hz	
Sound Pressure Active Mode (printing)	Less than 55dB	
Sound Pressure Ready Mode (standby and sleep)	Less than 25dB	
Ozone Concentrations	<0.001 mg/m ³ , 0.000473 PPM (0.05% of permitted limit value)	
Recyclability Hardware	Made of steel or highly recyclable plastics:	Up to 95% of the engine can either be upcycled or recycled. Remaining 5% are non toxic waste.
Recyclability Toner	Bottles made of highly recyclable HDPE (High Density Polyethyle)	
Size Print Engine (W x D x H)	1527 x 803 x 1495mm including Top Delivery Tray	
Weight Print Engine	240kg	
Size Scanner (W x D x H)	1097 x 308 x 140mm fits on top of print engine	
Weight Scanner	25kg	
Supplies		
Consumable Type	Océ black toner	
Size	450gm per bottle	