

The smartest choice for technical document printing

Océ Plotwave® 500
multifunction printer

you can



Canon

The challenges facing the technical document market

Whether in a departmental print setting or a productive semi-central print environment, you will face a number of challenges with your large format document printing jobs.

As you strive to cut costs and gain the edge for your core business, you want:

Greater productivity with higher speed, less waiting time and accurate results first time

A reliable printer that consumes less, runs for less and lasts for longer

A flexible and smart workflow that makes life easier

A multi-functional printer in a single footprint that saves space

Quick, easy and secure document sharing for project teams, which is accessible through a variety of platforms

Easy and fast maintenance options



The smartest choice for technical document printing

The all-in-one Océ PlotWave 500 has been designed to resolve your technical document challenges, ease your working life and improve your productivity. Plus you'll be impressed by the value it adds to your business and its excellent ROI.

With the fastest print-out time of 30 seconds and a print speed of 10 A1 pages per minute, the Océ PlotWave 500 reduces the time you spend in front of the printer and lets you focus on your core activities. Your teams will also be able to collaborate more effectively and efficiently, as the Océ PlotWave 500 is accessible securely through many platforms including cloud servers.

User-friendly, the Océ PlotWave 500 offers an intuitive and smart interface with tablet-like gestures through its touch screen. You can edit your jobs on the panel by applying handy pre-sets, which help you achieve accurate results first time. The top delivery tray features air separation, so pages are collated neatly and in order.

Its sleek and durable design is suitable for all environments from offices to demanding manufacturing and construction sites. Plus the Océ PlotWave 500 is consuming energy only when it's active and emitting virtually no ozone, no heat and no noise when idle.

It's easy to upgrade the printer with options, so you can choose the system that suits your budget and your needs. Meanwhile maintenance and servicing for the Océ PlotWave 500 has been built to be easy and remote, maximising uptime and reducing costs.



The patented and award winning Océ Radiant Fusing family

The Océ PlotWave 500 is the newest addition to the innovative Océ Radiant Fusing family, which is a proven technology for technical document printing. Océ Radiant Fusing technology is a very efficient way of printing, helping you cut costs, save money and enjoy a peaceful office environment without printer noise. It's productive, fast, accurate, long-lasting and cost-effective. It also completes jobs without touching or disturbing the media.



Productivity

Instant printing

The Océ PlotWave 500 consistently delivers 10 A1 pages per minute. Without any warm-up time, you will get the first print out in 30 seconds. With instant printing, you have more time for your core activities.

Secure cloud connectivity

Secure cloud connectivity empowers your productivity with fast and easy collaboration for you and your project team – even when you're on the move. You can send jobs through a mobile phone, tablet, USB flash drive or your network; plus print and scan directly to the cloud. You are no longer tied to your computer, giving you freedom of choice and mobility.

Usability

Control is in your hands. The intuitive Océ ClearConnect panel's tablet-like user interface minimises the learning curve and simplifies your printer experience. With the help of handy pre-sets, you can edit jobs on the panel and get spot-on results first time. You can also name scanned files. So now you can finish jobs faster, easier and with fewer clicks.

Reliable performance

With its robust construction, the Océ PlotWave 500 will be your trusted work partner for years. When it comes to maintenance and servicing, it offers smart solutions such as remote servicing, which will maximise uptime and help you save time and money.

Quality

High quality B&W prints

The innovative technologies behind the Océ PlotWave 500 offer you more than traditional mono printing. The Océ Pico-Printing technology delivers a high level of quality with sharper details and better results. Now you don't need to decide between quality and lower power consumption.



Media handling

Perfect colour scans

You will get realistic results with The Océ Scanner Express II. The technology of Océ Color Image Logic® automatically turns imperfect originals into perfect copies and gives you the best results for the marked-up areas on your hard copies. To ease the scanning process, the workflow allows you to scan originals face-up and it detects the paper width automatically.

Finishing

The Océ PlotWave 500 comes with a top delivery tray that can collate up to 100 A0-size plots. It also features an air separation system, which collates pages neatly and in order for you. So you don't need to worry about papers falling on the floor and getting dirty or sets in the wrong order. For higher volumes, you can increase the capacity up to 150 A0 pages with the Océ Delivery Tray. If you need folders for your business, you can choose one that suits your need from a range of folder options including Océ 940, Océ 2400 FanFold and Océ 4300 FullFold.

Sustainable by design

High energy efficiency

The energy efficient Océ PlotWave 500 is designed to consume less without compromising on productivity. As Océ Radiant Fusing warms-up instantly, it reduces energy consumption. It also emits less noise, ozone and heat. Giving you a peaceful work environment and leaving you more budget for new projects.

Océ Radiant Fusing

The innovative Océ Radiant Fusing is a proven technology for the technical document printing industries. It is designed with the customer in mind to be more productive and consume less. With Océ Radiant Fusing, there's no waiting for minutes for the fuser rolls to heat up.



Whilst helping you save money Océ Radiant Fusing is designed to consume only when it's active. The technology is also environmental friendly and emits less heat, less ozone and less noise through its life-cycle.

So you don't have to deal with the noise of the fans or warm air around the printer- and you can enjoy a peaceful and comfortable office environment.

The Radiant Fusing process starts with dropping the toner onto the media. The media then passes through the top of a metal grid without touching any surface and the toner is melted down and fused onto it. This methodology fixes the toner without contacting the paper directly, and with minimal disturbance. So you get spot-on results that are fast, crisp and clear.

The advantages of Océ Radiant Fusing technology include

- Instant warm-up, the fastest first print-out time and less waiting time
- Less disturbance on paper and sharper output
- Lower energy consumption
- Less noise and heat emission as no fans or fuser-rolls are required
- Longer product lifetime. Parts do not need heating up and therefore have a longer life cycle.

Océ Image Logic®

Océ Image Logic® creates perfect copies by smartly adjusting the imperfections in originals. The process follows the steps of scanning, background compensation, detecting weak lines, applying filters to strength the weak information and half-toning the image to optimise all information on the media. It will save you from scanning over and over to get good quality results.

The benefits of Océ Color Image Logic include:

- Great detail on copies even if you have a mixed original, which includes text, lines and photos
- Best results on marked-up areas
- Great for archiving.



The Océ PlotWave 500 takes care of the challenges you have with technical document printing, copying and scanning. The Océ PlotWave 500 will add value to your business by bringing the below given benefits to your life.

Océ Pico Printing

Océ Pico Printing provides you with a high resolution of 600x1200 dpi, so you can get all the details you need on a technical document.

The benefits include:

- Finer details
- Sharper lines and more readable text
- Smoother curves (no staircases)
- Wider spectrum of greys
- Smoother area fillings.

- You will have the fastest first print-out time with 30 seconds
- You will get a great usability and accurate results first time without spending minutes in front of the printer
- You will consume less energy, save money and will have a peaceful work environment with less heat and noise emission
- You will enjoy the sleek and durable design that would fit in any work environment
- You will have the freedom to use mobile phones, tablets, cloud and shared servers securely for your jobs
- You will have the option to maintain and service easily and remotely.

Specifications: Océ PlotWave® 500

TECHNOLOGY	
Product description	Multi-functional Black&White wide format printer with color scanning
Image technology	Electrophotography (LED), Organic PhotoConductor (OPC), Océ Radiant Fusing technology with instant warm-up time
Toner / Ink type	Océ black toner: 450 gr. per bottle
Print speed	Black & White: 10 A1 size/min
Print resolution	600 x 1200 dpi
GENERAL	
Configuration	Printer or Multi-functional with folder options
Size main engine (WxDxH)	1527 x 803 x 1495 mm (including top delivery tray)
Weight main engine	265 kg
Certifications	CE-mark, TUV GS, CETECOM c-UL-US, FEMP
MEDIA HANDLING	
Paper rolls	2 rolls, expandable to a maximum of 4 rolls
Maximum paper capacity	Up to 730 m ² with maximum 4 rolls
Paper weight	60-110 g/m ²
Roll width	279-914 mm
Output delivery	Top delivery tray with air-separation technology collating up to 100 A0 plots neatly and in order; Optional Océ Delivery Tray maximizes the capacity to 150 A0 plots
Media Type	Plain paper, Translucent, Recycled paper, Engineering Bond, Engineering Vellum, Colour 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, Recycled Engineering Bond.
CONTROLLER	
Description	Océ PowerM controller with Windows 7 Embedded (32 bits)
Processor	Dual-Core G540 @ 2.50GHz
Memory	4 GB DDR3 (standard)
Hard disk	500 GB, 7200 rpm
Interface	Ethernet 100 Mbits/s, 1 Gbit/s; TCP/IP: DHCP, IPv4, IPv6, https
Page description language	TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)
Security	E-shredding, IPSec, HTTPS, optional advanced security for administrator, audit logging. User authentication on local UI for FTP, SMB and WebDav.
Options	Adobe® PostScript® 3/PDF file interpreter
USER INTERFACE	
Description	Océ ClearConnect multi-touch user interface
Size (WxDxH)	300 x 220 x 40 mm. Touch screen: 10.4"
Resolution	800 x 600 pixels
Number of colours	16.2 Million
Technology	Projective capacitive touch

COLOUR SCANNER	
Description	Océ Scanner Express II with Contact Image Sensor (CIS) and Océ Image Logic technology
Scan resolution	600 x 600 dpi
Scan speed	Black & White scanning: 14.6 m/min; Colour scanning: 4.8 m/min; Copying: 9.7 m/min
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, controller, mobile devices, cloud, Collaborate, WebDav
Original width	208 mm-914 mm
Original length	208 mm-16000 mm
Original thickness	Up to 0.8 mm (only non-rigid documents)
Zoom	1:1, Scale to media size, Scale to standard format, Custom scale: 10-1000%
Preset modes	Lines&text, Lines&text draft, Folded lines&text, Photo, Colored, Dark original, Blueprint, Color High-light
Size scanner (WxDxH)	1097 mm x 308 mm x 140 mm
Weight scanner	21 kg
ENVIRONMENTAL (PRINTER)	
Sound pressure level	On ready mode: 24 dB; On active mode: 58 dB
Ozone concentration	< 0.001 mg/m ³
Power requirements	90-240 V, 50/60Hz
Power consumption	Sleep: 1W; Ready: 42 W; Active: 1.6 kW
WORKFLOW	
Description	Print, copy and scan single documents or sets concurrently
Printer drivers	Océ Wide Format Printer Driver 2.0 Certified for Microsoft® Windows®, Océ Driver for Postscript® 3
Job submission	Smart Inbox, Cloud, USB, Mobile devices through Océ Mobile WebTools (iOS, Android, Symbian and BlackBerry® OS) and Océ Publisher Mobile (iOS and Android); Web browser through Océ Publisher Express and Océ Publisher Select
Job management	Edit, pause, delete, change jobs' order and create sets on ClearConnect panel or via Océ Express WebTools; Secured controller access, Remote shutdown and restart
Accounting	Option: Océ Account Center
OPTIONS	
Hardware	Océ Scanner Express II, Additional 2nd roll drawer with separate cutter, Océ 940, Océ 2400 FanFold, Océ 4300 FullFold (optional 1 belt, 2 belt, reinforcement unit), Océ Delivery Tray, Removable hard disk, Climate Control
Software	Océ View Station, Remote Service tool, Océ Account Center, Adobe® PostScript® 3/PDF file interpreter, PlotWave 500 Administrative login, PlotWave 500 3rd party app enabler

All specifications subject to change without notice

- [1] Océ, Océ PlotWave, Océ Power Logic are registered trademarks of Océ-Technologies
 [2] Adobe®, Adobe® PDF and PostScript® 3™ are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
 [3] Mac®, Mac iOS® and Mac OS® are trademarks of Apple Inc., registered in the U.S. and other countries.
 [4] Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

All other trademarks are the property of their respective owners.

© 2014 Océ.

Illustrations and specifications do not necessarily apply to products and services offered in each local market. Technical specifications are subject to change without prior notice.

Canon Inc.
canon.com

Canon Europe
canon-europe.com

UK English edition
© Canon Europa N.V., 2014

Canon (UK) Ltd
Woodhatch
Reigate
Surrey RH2 8BF
Telephone no 01737 220000
Facsimile 01737 220022
canon.co.uk

Canon Ireland
3006 Lake Drive
Citywest, Saggart
Co.Dublin, Ireland
Telephone No: 01 2052400
Facsimile No: 01 2052525
canon.ie