

## Océ PlotWave 345/Océ PlotWave 365

Large format printers designed for pure CAD and pure focus in the manufacturing, architecture, engineering and construction industries

The Océ PlotWave 345 and Océ PlotWave 365 black and white printers or multifunctionals produce great looking all-weather-proof technical documents securely, cost-effectively and simply, allowing users to stay focused on their work.



- Professional output, including copying and scanning thanks to Océ image Logic
- Superior quality with 600 dpi x 1200 dpi pico-technology for sharp details and smooth grey areas
- Excellent large format print efficiency, consistently producing up to 6 A1/D-size sheets per minute
- Enhanced productivity with instant start-up and print and more powerful controller
- Increased flexibility with printing to and from cloud systems, USB sticks, mobile devices
- Simple to use with the best-in-class Océ ClearConnect multi-touch user interface, now with uniFLOW\*
- Productive colour scanning, using new scan templates
- Improved security through FIPS compliant features and disk encryption
- Environmentally sensitive features such as energy efficiency and super low ozone emissions

# Océ PlotWave 345/Océ PlotWave 365

## Be more productive at work

- Take advantage of a superb print quality with high resolution Pico Printing at 600 x 1200 dpi
- Scan while printing and copy while printing to work efficiently
- Print up to 6 A1/D-size sheets per minute
- Increase your productivity even more with the 2<sup>nd</sup> roll option
- Save valuable time with the folder option by generating quality folded documents automatically

## Get great results, simply

- Océ Image Logic® automatically compensates for wrinkles and light colors to produce superior results.
- Easily control the printer with the Océ ClearConnect 10-inch touch screen working like a tablet
- Get neatly collected and stacked documents on the top delivery tray fitted with air separation technology
- Save time and effort thanks to the automated roll loading procedure

## Increased security and outstanding document durability

- Protect confidential information with the latest security and protection features supported by a Windows 8 embedded platform
- The open interface of the POWERSync controller also enables the printer to embed software, like uniFLOW\*

- 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\*

## Cost-effective output by design

- Get instant waiting free start-up and use half the energy of comparable systems thanks to the Océ Radiant Fusing technology
- Check that documents are correctly scanned using the live preview to avoid errors
- Enjoy a long productive lifetime thanks to robust and durable construction

## Always environmentally sensitive

- This system has the lowest ozone emissions, lowest levels of noise and low levels of heat compared to conventional systems.
- Very quiet system that can be comfortably placed in an office environment
- The closed toner system prevents users from spilling and inhaling toner.
- Human friendly design, including silence in sleep mode, and space saving ergonomic, single footprint design
- Fully compliant with the latest Energy Star 2 regulations.



**TECHNOLOGY**

|                            |                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product description</b> | Black & white all-in-one wide format print/copy/scan system with color scanner                                                                     |
| <b>Imaging technology</b>  | Electrophotography (LED), organic photoconductor (OPC), clean closed toner system, Océ Radiant Fusing technology                                   |
| <b>Toner/ Ink type</b>     | Océ black toner: 0.4 kg per bottle                                                                                                                 |
| <b>Print speed</b>         | Black & white:<br>Océ PlotWave 345: 4 A1-sizes per minute, 2 A0 sizes per minute<br>Océ PlotWave 365: 6 A1-sizes per minute, 3 A0 sizes per minute |
| <b>Print resolution</b>    | 600 dpi x 1200 dpi                                                                                                                                 |

**GENERAL**

|                                 |                                                                          |
|---------------------------------|--------------------------------------------------------------------------|
| <b>Configuration</b>            | Printer or multifunctional 1 or 2 rolls                                  |
| <b>Size main engine (WxDxH)</b> | Compact design: 1527 mm x 803 mm x 1495 mm (including top delivery tray) |
| <b>Weight main engine</b>       | 240 kg                                                                   |
| <b>Certifications</b>           | CE, TUV GS, CETECOM, C-UL-US, Energy Star 2.0, FEMP, Rohs, CCC, VCCC     |

**MEDIA HANDLING**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Paper rolls</b>            | 1 or 2 rolls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Paper cutting</b>          | Cutters included in the drawer for fast and easy media switching                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Maximum paper capacity</b> | 1 roll: 183 m2 2roll: 365 m2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Paper weight</b>           | 60 - 110 g/m2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Roll width</b>             | 297 - 914 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Output delivery</b>        | Integrated top delivery tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Media type</b>             | Paper: Plain paper, Transparencies, Translucent, 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, Plain Paper recycled, Transparent |

**USER INTERFACE**

|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Océ ClearConnect multi-touch user interface                                                                                                        |
| <b>Size (WxDxH)</b>     | 300 mm x 220 mm x 40 mm. Touch screen: 10.4"                                                                                                       |
| <b>Resolution</b>       | 800 pixels x 600 pixels                                                                                                                            |
| <b>Number of colors</b> | 16.2 Million                                                                                                                                       |
| <b>Technology</b>       | Projective capacitive touch                                                                                                                        |
| <b>Operation</b>        | 3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home].<br>Multi-touch functions: pinch, swipe, flick, zoom, pan                              |
| <b>Features</b>         | View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees). Status light (red, orange, green). USB interface with indication light |

**CONTROLLER**

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>               | High performance Océ POWERsync controller with Windows 8 Embedded, 64 bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Processor</b>                 | Dual-Core G1620 @ 2.70GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Memory</b>                    | 4 GB DDR3 (standard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Video</b>                     | Intel HD Graphics, 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Hard disk</b>                 | 500 GB, 7200rpm (standard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Interface</b>                 | Ethernet 100 Mbps/s, 1 Gbit/s<br>TCP/IP: DHCP, IPv4, IPv6, HTTPS<br>Discovery: APIPA, WS-Discovery, SNMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Page description language</b> | TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Security</b>                  | 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). |
| <b>Cloud support</b>             | 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                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Transformations</b>           | 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)                                                                                                                                                                                                                                               |
| <b>SCANNER</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>               | Contact Image Sensor (CIS) Color scanner with Océ Image Logic technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Scan resolution</b>           | 600 dpi x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Scan speed</b>                | 14,6 m/min Black & white scanning;<br>9.7 m/min Copying;<br>4.8 m/min Color scanning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Scan format</b>               | TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Scan templates</b>            | Virtual unlimited number of scan templates to standardize common scan settings and destinations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Scan destination</b>          | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Original width</b>            | 208 mm - 914 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Original length</b>           | 208 mm - 16 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                      |                                                                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Original thickness</b>            | Maximum 0.8 mm (non-rigid documents)                                                                                                        |
| <b>Zoom</b>                          | Scale to standard format. Custom: 10 - 1000%                                                                                                |
| <b>Preset modes</b>                  | Blueprint, Coloured original, Dark original, Folded lines/text, Lines/text standard, Lines/text draft, Photo, Map, Artwork                  |
| <b>Size scanner (WxDxH)</b>          | 1097 mm x 308 mm x 140 mm                                                                                                                   |
| <b>Weight scanner</b>                | 25 kg                                                                                                                                       |
| <b>ENVIRONMENTAL</b>                 |                                                                                                                                             |
| <b>Sound power level</b>             | Quiet mode (Standby and sleep): less than 25 dB<br>Print mode: less than 55 dB                                                              |
| <b>Ozone concentration</b>           | <0.001 mg/m <sup>3</sup> , < 0.000473 PPM (0,05% of permitted limit value)                                                                  |
| <b>Heat emission</b>                 | Ready: 72 W, Active:1.6 kW                                                                                                                  |
| <b>Power requirements</b>            | 90 - 240 V, 50/60Hz                                                                                                                         |
| <b>Power consumption</b>             | Sleep mode: 1 W<br>Ready mode: 88 W<br>Active mode: 1.5 KW                                                                                  |
| <b>Recyclability hardware</b>        | 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. |
| <b>Recyclability toner container</b> | 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 option, Océ Scanner Express, removable hard disk, TPM module, Océ Delivery Tray to increase delivery capacity up to 200 pages, Estefold 2400 series for Océ PlotWave 345, Estefold 2400 and 4300 series for Océ PlotWave 365.

### Software

Océ View Station, Adobe® PostScript® 3/PDF file interpreter, Océ Reprodesk, Océ Account Center.uniFLOW\*

\*sold separately