



Océ ColorWave™ 600

Ride the wave of color



The world's first wide format TonerPearl printer

The Océ ColorWave™ 600 delivers effortlessly easy CrystalPoint quality prints on plain paper, with all-around productivity for a wide range of applications in an entirely sustainable concept.

Océ ColorWave™ 600 print engine

Technology

Océ CrystalPoint™ technology
(Océ patented color toner technology)

Imaging devices

8 Imaging Devices (2 × Black, 2 × Cyan,
2 × Magenta, 2 × Yellow)

Resolution

Addressable raster: 1.200 dpi

Minimum pen width

0,040 mm

Toner

- Océ TonerPearls™ for CMYK
- 500 grams per color
- 4 (1 per color)

Toner level monitoring

- Visual through transparent TonerPearl cartridges
- Toner level indication on operator panel and remote
- Out of toner signalling

Maximum throughput

| Metric | Imperial |
|-----------------|---------------------|
| B&W 31 sec/Ao | B&W 15 sec/D-size |
| Color 34 sec/Ao | Color 16 sec/D-size |

Color modes

B&W/Grey scale, Color

Quality modes

- Economy, Production, Presentation
- Océ Print Assistant (OPA) for automatic selection of print quality mode based on optimal balance between quality and productivity per file.
- Convenient Color Management:
 - CAD color option to conserve pure CAD colors
 - Easy selectable options to simulate inkjet devices
 - Enhanced sRGB and Adobe RGB printing for RGB data and Euroscale coated and uncoated, US web coated (SWOP) and uncoated for CMYK data.

Media

Media sources

| | |
|-----------------------------|--|
| Media input: | 1 up to 6 rolls (front loadable media drawers) |
| Media feeding: | Central alignment |
| Roll selection & switching: | Manual, Automatic |
| Width detection: | Automatic |
| Media core size: | 2" & 3" (inches) |
| Maximum roll length: | 200m / 650 ft |
| Maximum roll diameter: | 180 mm / 7" (inches) |

Media types

- Plain (60-160 gr/m²)
- Recycled paper (80 gr/m²)
- Colored (80-120 gr/m²)
- Fluorescent (90 gr/m²)
- Blueback (90 gr/m²)
- Map paper (80-90 gr/m²)
- Tyvek (140 gr/m²)
- Polyester films (3-4 mm)
- Backlit film (145 micron)
- Bond (20-32lb)
- Recycled bond (20lb)
- Translucent (18lb)
- Vellum (20lb)



Media sizes

| | Minimum | Maximum |
|---------|---------------|--------------------|
| Width: | 279 mm / 11" | 1,067 mm / 42" |
| Length: | 210 mm / 8,2" | 3,000 mm / 9,8 ft* |

(*) longer lengths can be printed without guarantee for the side margins

Media delivery

Standard

- Top Delivery Tray (50-100 prints)
- Rear output

Optional

- Receiving Rack (behind the printer)
- Flat Output Stacker (behind the printer)(*)
- On-line folder (behind the printer)

Supported media formats

- DIN
- ANSI
- ARCHI

Margins

| | |
|--------------------------|--------------|
| Leading & trailing edge: | 3 mm / 0,12" |
| Left & right sides: | 3 mm / 0,12" |

Cut length

- Standard cut
- Synchro cut
- Custom cut

(*) Not available yet.

Environment print engine

Dimensions (h x w x d)

1575 mm × 2100 mm × 893 mm
5.17 ft × 6.89 ft × 2.93 ft (feet)

Weight

195 - 275 kg

Electrical requirements

- 100-120 V / 240 V 50/60 Hz
- Automatic ranging

Power consumption (incl. PowerM controller)

- Off: 0,15 W
- EPA ENERGY STAR®:
 - Sleep mode: 55 W
- Ready: 250 W
- Active: 425 W

Noise level

- Sleep mode: =< 41 dB (A)
- Ready: =< 53 dB (A)
- Active: =< 67 dB (A)

Safety approvals

TüV-GS, CETECOM, CE, UL, (c)UL, CB, FCC Class A

Other

EPA ENERGY STAR® compliant

Océ PowerM controller

Platform

Embedded controller with real-time operating system.

Hardware

| | PowerM | PowerM Plus |
|--------------------|---------------|-------------------------|
| Processor | Single core | Dual core |
| Memory | DRAM 1 GB | DRAM 2 GB |
| Hard disk capacity | 1 × 80 GB | 1 × 160 GB + 1 × 320 GB |

Standard interface

RJ45

Network protocols

10/100/1000 Base-T

Network protocol

TCP/IP

Printing protocol

LPR, LPQ, LPRM, FTP

Drivers and job submission

Drivers

- WPD: Windows 2000, Windows Vista, Windows XP and Windows Server 2003 for x86, Windows Vista, Windows XP and Windows Server 2003 for x64, Windows Terminal Server, Citrix metaframe and presentation server
- Océ Adobe Postscript 3: Windows 2000, Windows XP, Windows Server 2003; MacOS v9; OSX

Job submission

- Océ Publisher Express: Easy to use “green-button” job submitter for quick printing of files (standard functionality of Océ Express WebTools).
- Océ Publisher Select: Powerful software application for easy printing of collated sets of documents with advanced job settings.
- Océ Repro Desk Professional: Powerful client server software for efficient and flawless commercial printing and integration of B&W and color software (see other marketing materials for more details).

File formats

Standard

- Vector: HP-GL, HP-GL/2, Calcomp
- Raster: HP-RTL, TIFF 6.0, CALS, C4, NIRS/NIFF, JPG

Optional

- Adobe Postscript 3 / PDF-printing

Language sensing

Automatic

Number of prints

1-999

Plot manipulation

- (Auto) Rotation (*), auto-scaling, positioning
- Pen management
- Leading and trailing strip adjustment (add or remove up to 400mm), horizontal mirroring

(*) Not available yet.



Remote applications

Océ Express Webtools

Provides multiple users a remote view on the system and control of its workflow via an Internet browser, without any need to install software.

- Create and submit files with Océ Publisher Express
- Monitor & manage system status, job queue (*), toner level, media in printer
- Set default job settings, workflow, color management, pen settings, Océ Print Assistant Slider (OPAS)

- Monitor & configure network, license management, security, software version, counters, download & install system updates.

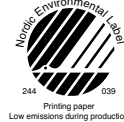
(*Advanced queue management is not available yet.

Océ Account Center

Optional software application that enforces the users to enter valid accounting information before printing to the Océ ColorWave™ 600. Cost can then be allocated to the appropriate users, departments and projects. Functions are a/o:

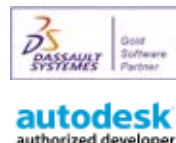
- Registration per print of a/o print area, toner usage, media type
- Printer lock out
- Customized accounting fields
- Open to third party accounting software solutions

Building a sustainable business has always been one of our core business principles. We do this by developing products and services that add value to the document processes of our customers, while minimizing environmental impact. And we conduct our business activities in a socially responsible manner aimed at preventing health, safety and environmental risks.



Mixed Sources
Product group from well-managed forests and other controlled sources
www.fsc.org Cert no. SCS-COC-00856
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Océ Wide Format Printing Systems Partners and Awards



Printing for Professionals

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