Océ
ColorWave™ 600 printer

Ride the wave of color

oce

The world's first wide format printer with Océ TonerPearls™ toner

The Océ ColorWave™ 600 printer delivers effortlessly easy Océ 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
0.0016"

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

Toner level monitoring
- Visual through transparent Océ TonerPearls cartridges
- Toner level indication on operator panel and remote
- Out of toner signaling

Maximum throughput
- 1,575 feet per hour

Color modes
B&W / grayscale, 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
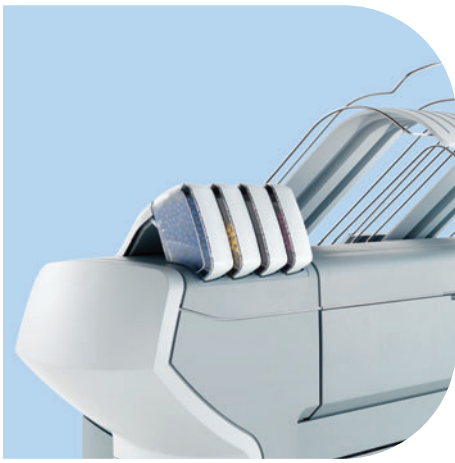
Media

Media sources
- Media input: 1 up to 6 rolls (front loadable media drawers)
- Media feeding: central alignment
- Roll selection and switching: manual, automatic
- Width detection: automatic
- Media core size: 2" and 3," 3" core standard
- Maximum roll length: 650 ft.
- Maximum roll diameter: 7"

Media types
- Bond (20–24 lb.)
- Recycled bond (20 lb.)
- Polyester films (4 mm)
- Translucent (18 lb.)
- Vellum (20 lb.)
- Tyvek® (140 gr/m²)

Media sizes

- Width: 12" minimum / 42" maximum
- Length: 8.2" minimum / 9.8 ft. maximum*

*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)

*Not yet available

Supported media formats

- DIN
- ANSI
- ARCHI

Margins

- Leading and trailing edge: 0.12"
- Left and right sides: 0.12"

Cut length

- Standard cut
- Synchro cut
- Custom cut

Environment print engine

Dimensions

62" (H) × 82.7" (W) × 35.2" (D)

Weight

425 – 605 lbs.

Electrical requirements

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

Power consumption
(including 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

- Processor
  - PowerM: Single core (standard)
  - PowerM Plus: Dual core
- Memory
  - PowerM: DRAM 1 GB (standard)
  - PowerM Plus: DRAM 2 GB
- Hard disk capacity
  - PowerM: 1 × 80 GB (standard)
  - PowerM Plus: 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

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 15.75"),
  horizontal mirroring

 *Not available yet.

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;
  Mac® OS v9; OSX (optional)

Job submission

- Océ Publisher Express (standard): easy
  to use "green-button" job submitter
  for quick printing of files (standard
  functionality of Océ Express WebTools)
- Océ Publisher Select (standard): powerful
  software application for easy printing of
  collated sets of documents with advanced
  job settings
- Océ Repro Desk® Professional software:
  powerful client server software for
  efficient and flawless commercial
  printing and integration of B&W and
  color software

Océ Account Center

Optional software application that enforces the users to enter valid accounting information before printing to the Océ ColorWave™ 600 printer. 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

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.
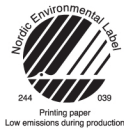- Create and submit files with Océ Publisher Express
- Monitor and manage system status, job queue*, toner level, media in printer
- Set default job settings, workflow, color management, pen settings, Océ Print Assistant Slider (OPAS)
- Monitor and configure network, license management, security, software version, counters, download and install system updates

*Advanced queue management is not yet available.

Océ helps the people who make our world. Companies everywhere use Océ high-speed printing, technical documentation, and professional document systems to keep the wheels of business, industry and government turning. Océ also helps the world. Developing products and services that add value to the document processes of our customers, while minimizing environmental impact and protecting health and safety, has always been one of our core principles. From bank statements to utility bills, from blueprints to newspapers, from on-demand documents to wide-format display graphics, Océ helps our professional customers go "Beyond the Ordinary" in print and document management.

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
© 1996 Forest Stewardship Council

Océ Wide Format Printing Systems Partners and Awards

CLEARLY ™
Adobe
IMAGING

Designed for
Microsoft®
Windows®
Server 2003

Designed for
Microsoft®
Windows® XP

DASSAULT SYSTEMES — GOLD SOFTWARE PARTNER

BENTLEY

energy
ENERGY STAR

autodesk
authorized developer

DWF

ONYX
Software for Superior Printing Workflow

iF
communication design award
2006

iF
product design award
2007

N
YES
TESTED & APPROVED
Novell

Océ RoHS Compliant
2002/95/EC
Restriction of the use of Certain Hazardous Substances

iF GOLD
Océ TDS700 product design award 2007

BERTL's BEST 2007
www.bertl.com

CITRIX

DIMA 2006 Winner

output TOP 50 COMPANIES READERS' CHOICE

TOP PRODUCT 2006

ESRI

U.S. GREEN BUILDING COUNCIL MEMBER

Custom Blueprint & Supply, Inc.
1632 South Broadway
St. Louis, MO 63104
314-231-4400
Fax-231-0426
www.customblueprint-supply.com
custblue@customblueprint-supply.com