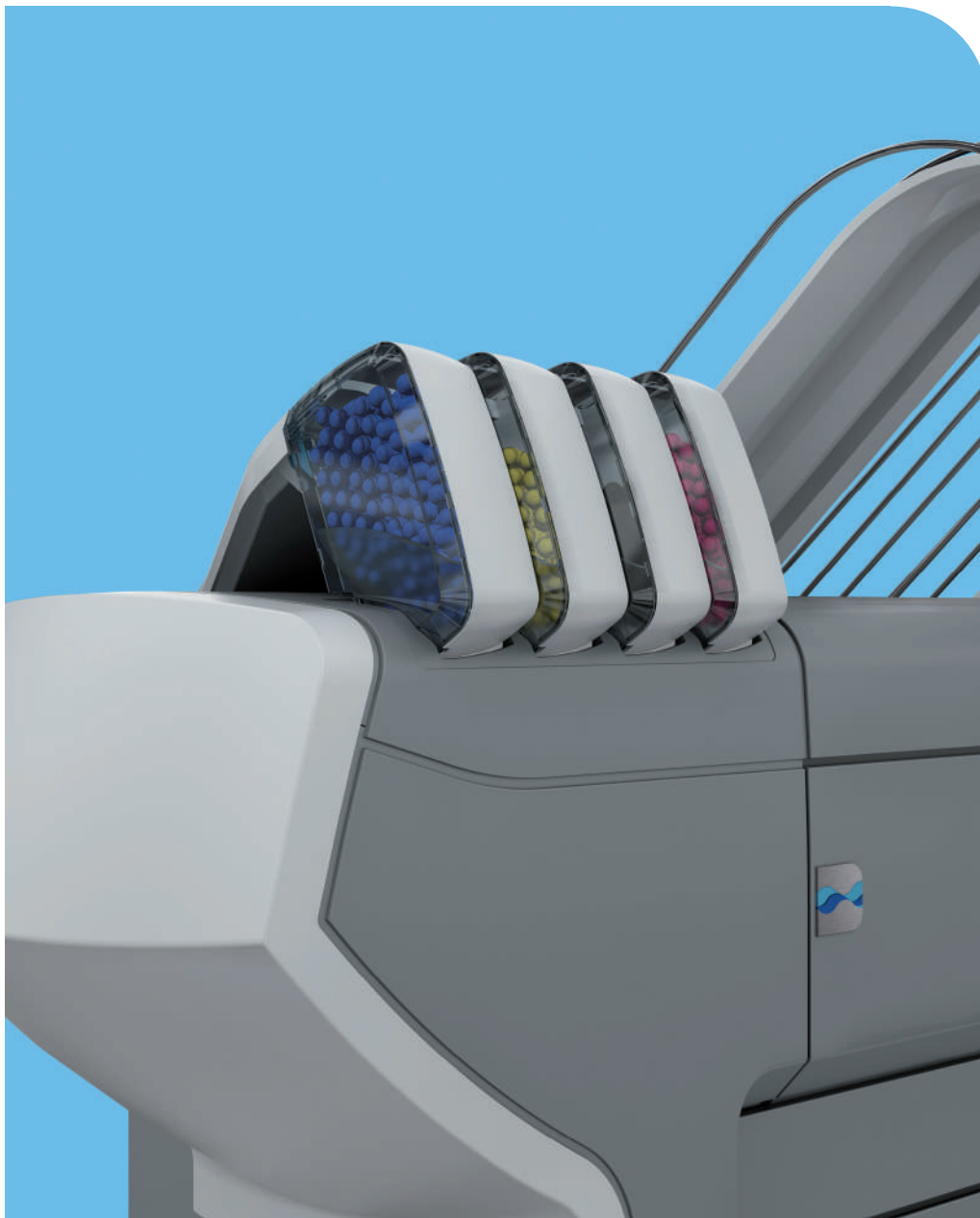




**Océ**  
ColorWave® 650  
printing system

Build A Colorful  
World



**Canon**  
CANON GROUP

Large format black &  
white and color on  
one productive  
system

- All-around productivity
- Effortless operation
- Océ CrystalPoint® quality
- Sustainability secure

# Build A Colorful World



## Océ ColorWave 650 printing system

Large format black & white and color on one productive system



Print, copy and scan without sacrificing productivity or quality with the Océ ColorWave 650 printing system. Now you can print superb quality - in black & white and color - on a single device using proven, award winning Océ CrystalPoint technology.

### The Next Wave in speed, efficiency and flexibility

The Océ ColorWave 650 printing system builds on the proven success of the Océ ColorWave 600 printer. It has been enhanced with a number of improvements that offer the Next Wave in speed, efficiency and flexibility.



#### The Next Wave in...

- **Speed:** prints up to 50% faster than its predecessor
- **Efficiency:** the use of copy and scan templates and the integrated online folder saves time on document tasks
- **Flexibility:** manage, print and share documents at your desktop via your web browser

# Océ ColorWave 650 printing system

## All-around productivity

The Océ ColorWave 650 can print in black & white and color at up to 225 A1 prints per hour for all-around productivity. It can hold up to six media rolls and prints come out dry, cut to size and ready to use. With the optional online folder, different folded packages can be prepared and printed right from your desktop.

## Effortless operation

The system simplifies routine tasks to save time and to ensure first-time-right output. Define up to five copy and scan templates with your most common settings. Then just press the green button and the system does the rest. Whether copying, scanning or printing, the system can be set-up to help you get the correct results at the touch of a button.

## Océ CrystalPoint quality

The Océ patented Océ CrystalPoint technology ensures robust, waterfast prints with sharp lines, high readability of fine details and smooth, even area fills. The high-quality prints, that are consistent over time and on different machines, have a unique silk-shine look and feel, independent of the type of media you use.

## Sustainability secure

The Océ ColorWave 650 ensures a healthy working environment every day. The unique Océ TonerPearls® make for a totally clean system: there's no fine dust, no odor and minimal waste disposal.



**1 Océ TonerPearl cartridges**  
You can quickly and easily handle the Océ TonerPearls with no risk of getting residue on your hands or in the air.

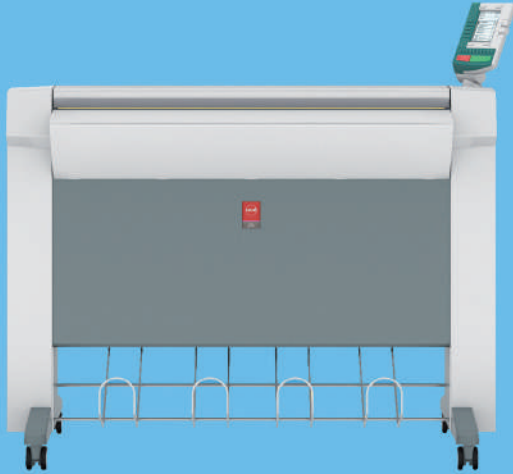
**2 Top delivery tray**  
The top delivery tray can hold up to 100 prints.

**3 Color user panel**  
The user panel allows you to quickly scroll through the menus, to monitor the media and toner stock and to perform maintenance tasks correctly.

**4 Imaging devices**  
The eight imaging devices, two per color, move across the media at high speed, jetting the toner gel onto the media. As a result, a crisp print quality is achieved.

**5 Media**  
The 42-inch wide printer holds up to six media rolls, each containing up to 200 meters of media. Supports 2-inch or 3-inch cores.

## Océ TC4 scanner



### Superior scan technology

- Optimal quality and reliability for monochrome and color scanning
- A single CCD camera ensures consistent image quality, even with transparencies or folded drawings.

### Ease of Use

- Copy and scan templates for commonly performed actions

### Consistent color scanning

- Océ Color Image Logic® provides right-first-time results
- Automatic background compensation offers clean digital images even with demanding originals

### Ideal productivity

- Fast processing on the controller frees the scanner quickly
- True Concurrency - Fully utilize the scanner for copying or scanning while printing is taking place

## Océ ColorWave 650 + Océ 2400 fan fold



### Convenient online folding

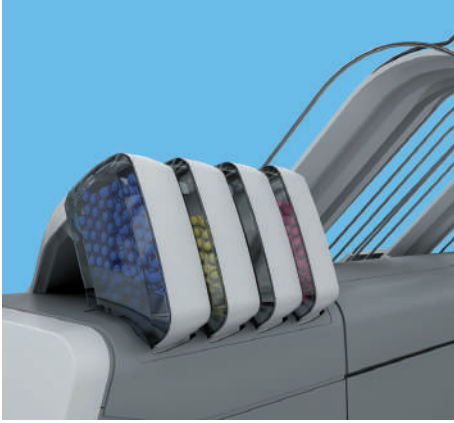
With the fully integrated Océ 2400 fan fold you can immediately pick up your fan-folded color or monochrome drawings, even long plots. Fan folding saves time and avoids creased drawings. Instead of maneuvering a set of large format documents you have well organized piles to work with. The narrow fold unit allows you to fan fold 100 mm panels, for efficient map production.

## Océ ColorWave 650 + Océ 4311 full fold



### Productive online folding

If you combine your Océ ColorWave 650 with the Océ 4311 full fold, you can automatically fold wide format prints, ready to use. The cross-folded documents can easily be retrieved from the belt unit. Next to the standard folding programs you can create your own programs, which makes you flexible for future demands. As an option, a reinforcement strip can be applied automatically or an extended stacker can be installed, allowing you to stack 150 additional folded A0 prints.



<b>Technology</b>
Description
Imaging technology
Toner
Speed
Resolution
<b>General</b>
Configuration
Size main engine (WxDxH)
Weight main engine
Certifications
<b>Paper handling</b>
Paper rolls
Maximum paper capacity
Paper weight
Roll width
Output delivery
Media type ( <a href="http://www.mediaguide.oce.com">www.mediaguide.oce.com</a> )
<b>Controller</b>
Description
Client operating system support
Processor
Memory
Hard disk
Interface
Page description language
Security
Options
<b>Scanner</b>
Description
Scan resolution
Scan speed
Scan format
Scan destination
Original width
Original length
Original thickness
Zoom
Preset modes
Size scanner (WxDxH)
Weight scanner

Large format black & white and color on one productive system.
Océ CrystalPoint technology
Océ TonerPearls for CYMK, 500 grams per color
B/W: 225 A1/hr, 128 Ao/hr *
Color: 210 A1/hr, 120 Ao/hr *
*Printed to external output
600 dpi
Printer only or multifunctional
1575 x 2100 x 893 mm; 5.17 x 6.89 x 2.93 ft
195 - 275 kg; 430 - 606 lbs
EPA ENERGY STAR®, TüV GS, CETECOM, CE, UL, cUL, CB, FCC Class A
2 - 6 rolls
1200 m, 200 m per roll; 3900 ft, 650 ft on a roll
60 - 160 g/m <sup>2</sup> ; 16 - 60 lb
297 - 1067 mm; 11 - 42"
Top delivery tray, 42-inch stacker, folder, take-up unit
Paper: Plain 75-90-120-160g (Bond), Recycled, Colored, Fluorescent, Blueback.
Specialities: Polyester film, Self-adhesive film/paper, Tyvek™, Roll up film, Soft banner, Vellum
Océ PowerM® Plus controller
Windows® 2000 / XP / Vista / 7 / Server 2003 / Server 2008, Terminal Server, Citrix®
MetaFrame, Mac® OS 9 / OS X (Adobe® PostScript® 3/PDF driver)
E8400 3.0 GHz Core 2 Duo
4 GB DDR2 DRAM
2 x 500 GB
10/100/1000 Base-T with RJ45
HP-GL, HP-GL/2, TIFF, JPEG, Adobe PostScript 3/PDF, CALS-I, NIRS, ASCII, CalComp, C4
E-shredding
Adobe Postscript 3 / PDF printing
Adobe fonts: Chinese Traditional / Chinese Simplified / Japanese / Korean
Océ TC4 scanner with Océ Direct Scan color technology (single camera, single mirror)
Optical 575 dpi, maximum 600 dpi
B/W: maximum 5 m/min; 3.3"/sec
Color: maximum 4 m/min; 2.8"/sec
TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Network Directory, Smart Inbox
200 - 1016 mm; 8 - 40"
200 mm - 22 m; 8" - 72 ft
Maximum 3 mm; 0.12"
With thick originals option : maximum 15 mm; 0.59"
10 - 1000 %
Lines & text, Map, Artwork, Photo, Grays & lines, Dark original, Blueprint
130 x 65 x 130 cm; 51.2 x 25.6 x 51.2"
70 kg; 154 lbs



**Océ 2400 fan fold**

Paper feed
Folding speed
Paper width
Paper length
Paper weight
Folding programs
Folding standards
Folded package width
Binding edge

Automatic or manual
Aligned to print speed
210 - 930 mm; 8.3 - 36.6"
210 mm - unlimited; 8.3" - unlimited
60 - 120 g/m <sup>2</sup>
8 standard programs, custom programs: unlimited
DIN824, AFNOR, ANSI, US-sizes
100 - 420 mm; 4 - 16.5"
0 - 30 mm; 0 - 1.2"

**Océ 4311 full fold**

Paper feed
Folding speed
Paper width
Paper length
Paper weight
Folding programs
Folding standards
Folded package width
Folded package length
Binding edge
Options

Automatic or manual
Aligned to print speed
210 - 930 mm; 8.3 - 36.6"
210 - 2500 mm; 8.3 - 98.4"
60 - 120 g/m <sup>2</sup>
8 standard programs, custom programs: unlimited
DIN824, AFNOR, ANSI, US-sizes
180 - 420 mm; 7 - 16.5"
Maximum 1500 mm; Maximum 59" (80 g/m <sup>2</sup> )
0 - 30 mm; 0 - 1.2"
Reinforcement unit, extended stacker (for 150 extra folded A0 prints)

**Environmental**

Sound power level
Ozone emissions
Power requirements
Power consumption

Sleep: less than 41 dB
Ready: less than 53 dB
Active: less than 67 dB
Zero
100 - 120 V, 200 - 240 V; 50/60 Hz
Off: less than 0.5 W
Ready: 210 W
Active: 360 W
EPA ENERGY STAR sleep mode: 72 W total system (less than 1 W engine, 71 W DFE)

**Workflow**

Description
Printer drivers
Job submission
Job management
Accounting
Templates

Concurrent print, copy, scan and file processing
Océ Windows Printer driver, Océ PostScript 3 driver
Océ Publisher Express, Océ Publisher Select
Print and history queue, Smart inbox, Manage queue, Océ Express WebTools, Secure controller access
Software module in Océ Express WebTools
Option: Océ Account Console
5 copy templates, 5 scan templates

**Options**

Hardware
Software

Océ 2400 fan fold, Océ 4311 full fold, Reinforcement unit, Delivery belts, 42-inch stacker, take-up unit
Océ Repro Desk Studio, Océ Repro Desk Select, Océ Repro Desk Professional

# Beyond the Ordinary

## Environmental Certifications



Well-managed forests  
SCS-COC-00856  
©1996 Forest Stewardship Council



## Awards Océ Wide Format Printing Systems



communication  
design  
award  
2006



product  
design  
award  
2006



product  
design  
award  
2007 gold



product  
design  
award  
2008



www.bertrl.com



## Partner Certifications



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## Printing for Professionals

### Creating global leadership in printing

Canon and Océ have joined forces to create the global leader in the printing industry. Our customers can choose from one of the industry's broadest range of products backed by best-in-class service and support organizations. Look to the new Canon-Océ combination for:

- Enterprise printing in the office and corporate printroom
- Large format printing of technical documentation, signage, and display graphics
- Production printing for marketing service bureaus and graphic arts
- Business Services for document process outsourcing



<http://goo.gl/0x9za>

[www.oce.ca](http://www.oce.ca)