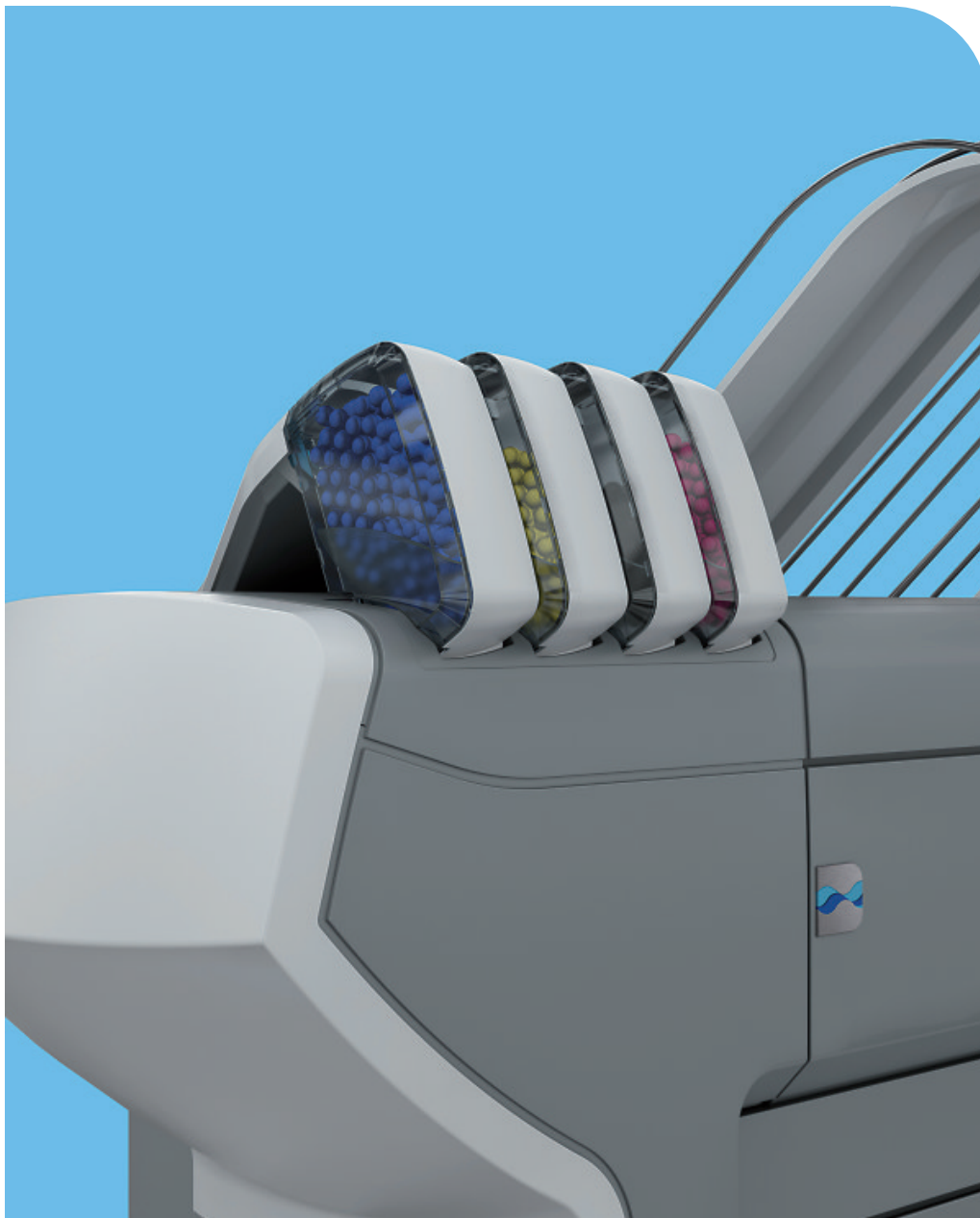**Océ**
ColorWave® 650
printing system

Build A Colorful World

océ

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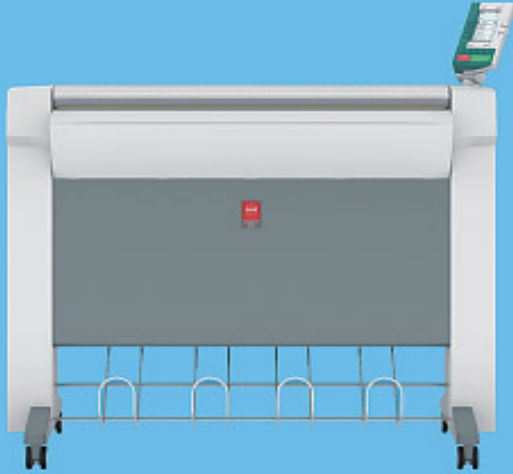
2 Top delivery tray
The top delivery tray can hold up to 100 prints.

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 fanfold

Océ ColorWave 650 + Océ 4311 fullfold
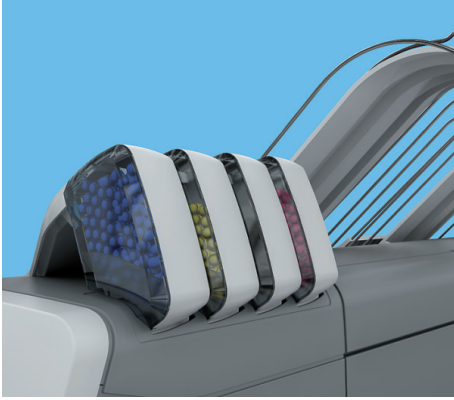
Convenient online folding

With the fully integrated Océ 2400 fanfold you can immediately pick up your fanfolded color or monochrome drawings, even long plots. Fanfolding 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 fanfold 100 mm panels, for efficient map production.

Productive online folding

If you combine your Océ ColorWave 650 with the Océ 4311 fullfold, you can automatically fold wide format prints, ready to use. The crossfolded 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.

Technology	
Description	Large format black & white and color on one productive system.
Imaging technology	Océ CrystalPoint technology
Toner	Océ TonerPearls for CYMK, 500 grams per color
Speed	B/W: 225 A1/hr, 128 A0/hr * Color: 210 A1/hr, 120 A0/hr * *Printed to external output
Resolution	600 dpi

General	
Configuration	Printer only or multifunctional
Size main engine (WxDxH)	1575 x 2100 x 893 mm; 5.17 x 6.89 x 2.93 ft
Weight main engine	195 - 275 kg; 430 - 606 lbs
Certifications	EPA ENERGY STAR®, TüV GS, CETECOM, CE, UL, cUL, CB, FCC Class A

Paper handling	
Paper rolls	2 - 6 rolls
Maximum paper capacity	1200 m, 200 m per roll; 3900 ft, 650 ft on a roll
Paper weight	60 - 160 g/m²; 16 - 60 lb
Roll width	297 - 1067 mm; 11 - 42"
Output delivery	Top delivery tray, 42-inch stacker, folder, take-up unit
Media type (www.mediaguide.oce.com)	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

Controller	
Description	Océ PowerM® Plus controller
Client operating system support	Windows® 2000 / XP / Vista / 7 / Server 2003 / Server 2008, Terminal Server, Citrix® MetaFrame, Mac® OS 9 / OS X (Adobe® PostScript® 3/PDF driver)
Processor	E8400 3.0 GHz Core 2 Duo
Memory	4 GB DDR2 DRAM
Hard disk	2 x 500 GB
Interface	10/100/1000 Base-T with RJ45
Page description language	HP-GL, HP-GL/2, TIFF, JPEG, Adobe PostScript 3/PDF, CALS-I, NIRS, ASCII, CalComp, C4
Security	E-shredding
Options	Adobe Postscript 3 / PDF printing Adobe fonts: Chinese Traditional / Chinese Simplified / Japanese / Korean

Scanner	
Description	Océ TC4 scanner with Océ Direct Scan color technology (single camera, single mirror)
Scan resolution	Optical 575 dpi, maximum 600 dpi
Scan speed	B/W: maximum 5 m/min; 3.3"/sec Color: maximum 4 m/min; 2.8"/sec
Scan format	TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF
Scan destination	Network Directory, Smart Inbox
Original width	200 - 1016 mm; 8 - 40"
Original length	200 mm - 22 m; 8"- 72 ft
Original thickness	Maximum 3 mm; 0.12" With thick originals option : maximum 15 mm; 0,59"
Zoom	10 - 1000 %
Preset modes	Lines & text, Map, Artwork, Photo, Grays & lines, Dark original, Blueprint
Size scanner (WxDxH)	130 x 65 x 130 cm; 51.2 x 25.6 x 51.2"
Weight scanner	70 kg; 154 lbs

Océ 2400 fanfold	
Paper feed	Automatic or manual
Folding speed	Aligned to print speed
Paper width	210 - 930 mm; 8.3 - 36.6"
Paper length	210 mm - unlimited; 8.3" - umlimited
Paper weight	60 - 120 g/m²
Folding programmes	8 standard programs, custom programs: unlimited
Folding standards	DIN824, AFNOR, ANSI, US-sizes
Folded package width	100 - 420 mm; 4 - 16.5"
Binding edge	0 - 30 mm; 0 - 1.2"

Océ 4311 fullfold	
Paper feed	Automatic or manual
Folding speed	Aligned to print speed
Paper width	210 - 930 mm; 8.3 - 36.6"
Paper length	210 - 2500 mm; 8.3 - 98.4"
Paper weight	60 - 120 g/m²
Folding programmes	8 standard programs, custom programs: unlimited
Folding standards	DIN824, AFNOR, ANSI, US-sizes
Folded package width	180 - 420 mm; 7 - 16.5"
Folded package length	Maximum 1500 mm; Maximum 59" (80 g/m²)
Binding edge	0 - 30 mm; 0 - 1.2"
Options	Reinforcement unit, extended stacker (for 150 extra folded A0 prints)

Environmental	
Sound power level	Sleep: less than 41 dB Ready: less than 53 dB Active: less than 67 dB
Ozone emissions	Zero
Power requirements	100 - 120 V, 200 - 240 V; 50/60 Hz
Power consumption	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	Concurrent print, copy, scan and file processing
Printer drivers	Océ Windows Printer driver, Océ PostScript 3 driver
Job submission	Océ Publisher Express, Océ Publisher Select
Job management	Print and history queue, Smart inbox, Manage queue, Océ Express WebTools, Secure controller access
Accounting	Software module in Océ Express WebTools Option: Océ Account Console
Templates	5 copy templates, 5 scan templates

Options	
Hardware	Océ 2400 fanfold, Océ 4311 fullfold, Reinforcement unit, Delivery belts, 42-inch stacker, take-up unit
Software	Océ Repro Desk® Studio, Océ Repro Desk Select, Océ Repro Desk Professional

Beyond the Ordinary

océ

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

US

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