Build a Colorful World

Océ ColorWave 650 printing system
Large format black & white and color on one productive system

Canon
CANON SOLUTIONS AMERICA
Build a Colorful World

- All-around productivity
- Effortless operation
- Océ CrystalPoint® technology quality
- Sustainability secure
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 its predecessor, 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...

- **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 and print directly from a USB flash drive
**Océ ColorWave 650 printing system**

**ALL-AROUND PRODUCTIVITY**
The Océ ColorWave 650 printing system can print in black & white and color at up to 210 D-size 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. You can also print files directly from a USB flash drive and set specific settings if necessary via the user panel. 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 TECHNOLOGY QUALITY**
The patented Océ CrystalPoint technology helps ensure robust, waterfast prints with sharp lines, high readability of fine details and smooth, even area fills. The high-quality prints, which 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 unique Océ TonerPearls® toner 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 toner with almost 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 650 feet of media. Supports 2-inch or 3-inch cores.
OCÉ TC4 SCANNER (OPTIONAL)

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™ technology 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 PRINTER +
OCÉ 2400 FANFOLD

CONVENIENT ONLINE FOLDING
With the fully integrated Océ 2400 fanfold (optional) 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 4-inch panels, for efficient map production.

OCÉ COLORWAVE 650 PRINTER +
OCÉ 4312 FULLFOLD

PRODUCTIVE ONLINE FOLDING
If you combine your Océ ColorWave 650 printing system with the Océ 4312 fullfold (optional), you can automatically fold large format prints, ready to use. The crossfolded documents can easily be retrieved from the belt unit. In addition to the standard folding programs you can create your own programs, which increases your flexibility to respond to future demands. As an option, an extended stacker can be installed, allowing you to stack 150 additional folded E-size prints.
## TECHNOLOGY

| Description | Océ CrystalPoint technology  
|-------------|-----------------------------------------|
| Imaging technology | Océ TonerPearls toner for CMYK, 500 grams per color  
| Toner | B&W: 1,459 sq. ft./hr.  
|        | Color: 1,361 sq. ft./hr.  
| Speed | 600 dpi  
| Resolution | 6

## GENERAL

| Configuration | Printer only or multifunctional  
|---------------|------------------------------------------------|
| Size main engine (W x D x H) | 2.93’ × 6.89’ × 5.17’  
| Weight main engine | 430 – 606 lbs. (195 – 275 kg)  
| Certifications | EPA ENERGY STAR®, TüV GS, CETECOM, CE, UL, cUL, CB, FCC Class A  

## PAPER HANDLING

| Paper rolls | 2 – 6 rolls  
|-------------|--------------------------------------|
| Maximum paper capacity | 3,900 ft., 650 ft. on a roll (1200 m, 200 m per roll)  
| Paper weight | 16 – 40 lb. bond (60 – 160 g/m²); up to 8 mil. specialty media  
| Roll width | 11” – 42” (297 – 1067 mm)  
| Output delivery | Top delivery tray, 42-inch stacker, folder, take-up unit  
| Media type (www.mediaguide.oce.com) | Paper: Plain 75-90-120-160 g (Bond), Recycled, Colored, Fluorescent, Blueback  
|        | Specialties: Polyester film, Self-adhesive film/paper, Tyvek®, Roll up film, Soft banner, Vellum  

## CONTROLLER

| Description | Océ PowerM® Plus controller with optional Windows® Embedded Standard 7 controller  
|-------------|---------------------------------------------------------------------------------|
| Processor | E8400 3.0 GHz Core 2 Duo  
| Memory | 4 gb DDR2 DRAM  
| Hard disk | 2 × 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 3.3”/sec. (5 m/min.)  
|        | Color: maximum 2.8”/sec. (4 m/min.)  
| 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 | 8” – 40” (200 – 1016 mm)  
| Original length | 8” – 72” (200 mm – 22 m)  
| Original thickness | Maximum 0.12” (3 mm)  
|        | With thick originals option: maximum 0.59” (15 mm)  
| Zoom | 10 – 1000 %  
| Preset modes | Lines & text, Map, Artwork, Photo, Grays & lines, Dark original, Blueprint  
| Size scanner (W x D x H) | 51.2” × 25.6” × 51.2” (130 x 65 x 130 cm)  
| Weight scanner | 154 lbs. (70 kg)  

## OPTIONS

- Large format black & white and color on one productive system
- Océ TC4 scanner with Océ Direct Scan color technology (single camera, single mirror)
## OCÉ 2400 FANFOLD

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper feed</td>
<td>Automatic or manual</td>
</tr>
<tr>
<td>Folding speed</td>
<td>Aligned to print speed</td>
</tr>
<tr>
<td>Paper width</td>
<td>8.5” – 36” (210 – 930 mm)</td>
</tr>
<tr>
<td>Paper length</td>
<td>8.5” – unlimited (210 mm – unlimited)</td>
</tr>
<tr>
<td>Paper weight</td>
<td>16 – 32 lb. (60 – 120 g/m²)</td>
</tr>
<tr>
<td>Paper weight</td>
<td>16 – 32 lb. (60 – 120 g/m²)</td>
</tr>
<tr>
<td>Folding programs</td>
<td>8 standard programs, custom programs: unlimited</td>
</tr>
<tr>
<td>Folding standards</td>
<td>DIN824, AFNOR, ANSI, US-sizes</td>
</tr>
<tr>
<td>Folded package width</td>
<td>4” – 16.5” (100 – 420 mm)</td>
</tr>
<tr>
<td>Binding edge</td>
<td>0 – 1.2” (0 – 30 mm)</td>
</tr>
</tbody>
</table>

## OCÉ 4312 FANFOLD

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper feed</td>
<td>Automatic or manual</td>
</tr>
<tr>
<td>Folding speed</td>
<td>Aligned to print speed</td>
</tr>
<tr>
<td>Paper width</td>
<td>8.5” – 36” (210 – 930 mm)</td>
</tr>
<tr>
<td>Paper length</td>
<td>8.5” – 98.4” (210 – 2500 mm)</td>
</tr>
<tr>
<td>Paper weight</td>
<td>16 – 32 lb. (60 – 120 g/m²)</td>
</tr>
<tr>
<td>Paper weight</td>
<td>16 – 32 lb. (60 – 120 g/m²)</td>
</tr>
<tr>
<td>Folding programs</td>
<td>8 standard programs, custom programs: unlimited</td>
</tr>
<tr>
<td>Folding standards</td>
<td>DIN824, AFNOR, ANSI, US-sizes</td>
</tr>
<tr>
<td>Folded package width</td>
<td>7” – 16.5” (180 – 420 mm)</td>
</tr>
<tr>
<td>Folded package length</td>
<td>Maximum 59” (maximum 1500 mm) (20 lb.)</td>
</tr>
<tr>
<td>Binding edge</td>
<td>0 – 1.2” (0 – 30 mm)</td>
</tr>
<tr>
<td>Options</td>
<td>Extended stacker (for 150 extra folded E-size prints)</td>
</tr>
</tbody>
</table>

## ENVIRONMENTAL

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound power level</td>
<td>Sleep: less than 41 dB</td>
</tr>
<tr>
<td></td>
<td>Ready: less than 53 dB</td>
</tr>
<tr>
<td></td>
<td>Active: less than 67 dB</td>
</tr>
<tr>
<td>Ozone emissions</td>
<td>Zero</td>
</tr>
<tr>
<td>Power requirements</td>
<td>100 – 120 V, 200 – 240 V; 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Off: less than 0.5 W</td>
</tr>
<tr>
<td></td>
<td>Ready: 210 W</td>
</tr>
<tr>
<td></td>
<td>Active: 360 W</td>
</tr>
<tr>
<td></td>
<td>EPA ENERGY STAR sleep mode: 72 W total system (less than 1 W engine, 71 W DFE)</td>
</tr>
</tbody>
</table>

## WORKFLOW

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Concurrent print, copy, scan, and file processing</td>
</tr>
<tr>
<td>Printer drivers</td>
<td>Microsoft® certified Windows® driver, Adobe PostScript 3 driver</td>
</tr>
<tr>
<td>Job submission</td>
<td>Océ Publisher Express, Océ Publisher Select™ software</td>
</tr>
<tr>
<td>Job management</td>
<td>Print and history queue, Smart inbox, Manage queue, Océ Express WebTools, Secure controller access</td>
</tr>
<tr>
<td>Accounting</td>
<td>Software module in Océ Express WebTools</td>
</tr>
<tr>
<td>Templates</td>
<td>Option: Océ Account Console</td>
</tr>
<tr>
<td></td>
<td>5 copy templates, 5 scan templates</td>
</tr>
</tbody>
</table>

## OPTIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>Océ 2400 fanfold, Océ 4312 fulfold, delivery belts, 42-inch stacker, take-up unit</td>
</tr>
<tr>
<td>Software</td>
<td>Océ Repro Desk® Studio, Océ Repro Desk Select, Océ Repro Desk Professional</td>
</tr>
</tbody>
</table>
Océ Environmental Certifications

Mixed Sources
Product group from managed forests and other controlled sources.
www.fsc.org Cert No. SC-COC 09556
© 1997 Forest Stewardship Council

200 years

Océ Environmental Certifications

Partners Certifications

Adobe

Certified for Windows Server
adobe

Windows

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Creating global leadership in printing

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• 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

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