



ColorWave
650



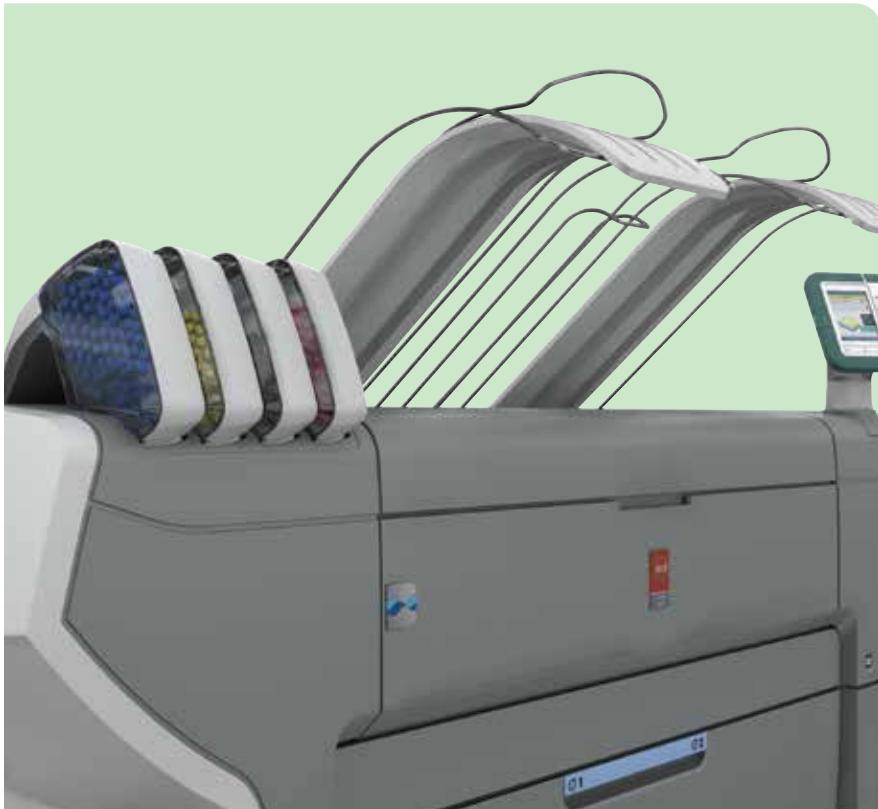
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Canon

Build a Colorful World



Océ ColorWave 650 printing system

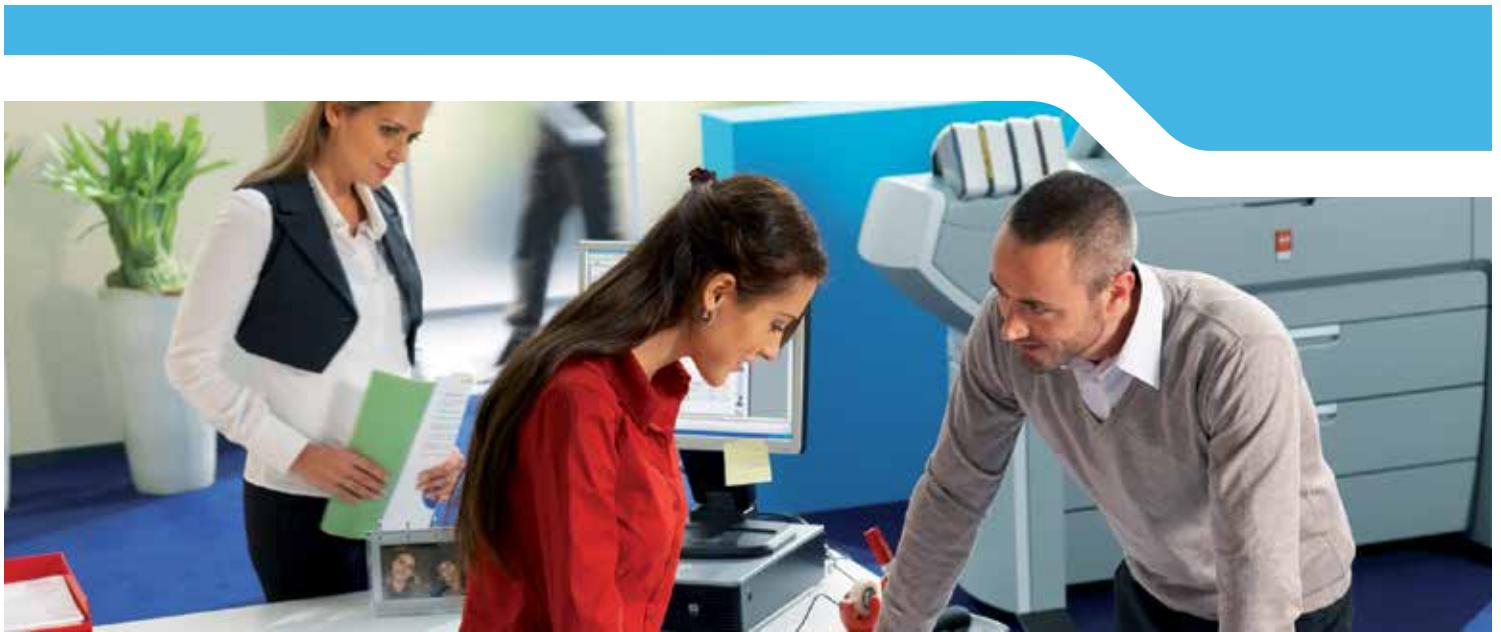
Large format black & white and color
on one productive system



Build a Colorful World

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





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 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

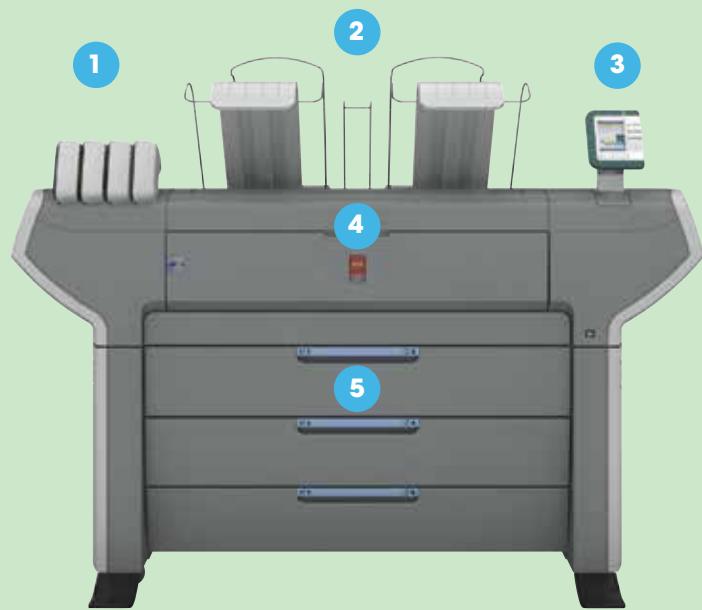
The system simplifies routine tasks to save time and to ensure first-time-right output. Define up to five copy and scan templates with your most common settings. Then just press the green button and the system does the rest. You can also print files directly from a USB flash drive and set specific settings 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.



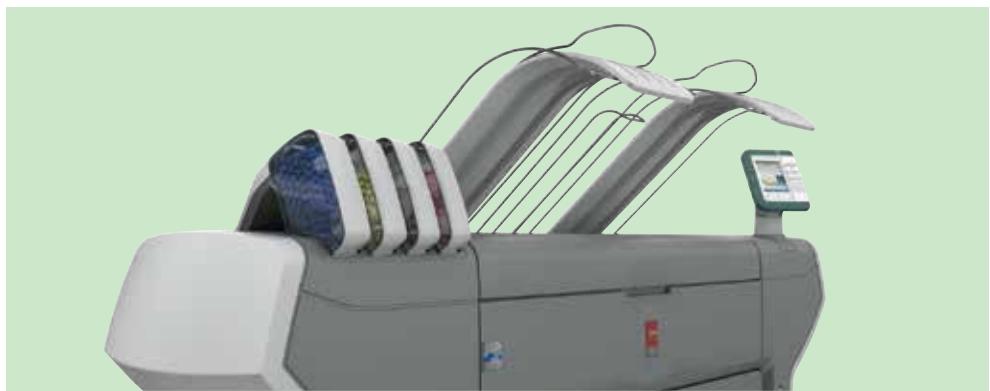
Océ TC4 scanner (optional)



Océ ColorWave 650 printer +
Océ 2400 fanfold



Océ ColorWave 650 printer +
Océ 4312 fullfold



TECHNOLOGY	
Description	Large format black & white and color on one productive system
Imaging technology	Océ CrystalPoint technology
Toner	Océ TonerPearls toner for CYMK, 500 grams per color
Speed	B&W: 1,459 sq. ft./hr. Color: 1,361 sq. ft./hr.
Resolution	600 dpi
GENERAL	
Configuration	Printer only or multifunctional
Size main engine (W x D x H)	5.17' x 6.89' x 2.93'
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/m ²); 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 75-90-120-160g (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
Client operating system support	Windows® 2000/XP/Windows Vista®/7/Windows Server® 2003/Windows Server® 2008, Terminal Server, Citrix® MetaFrame, Mac OS® 9/Mac 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 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" x 25.6" x 51.2" (130 x 65 x 130 cm)
Weight scanner	154 lbs. (70 kg)



OCÉ 2400 FANFOLD	
Paper feed	Automatic or manual
Folding speed	Aligned to print speed
Paper width	8.5"–36" (210–930 mm)
Paper length	8.5"–unlimited (210 mm–unlimited)
Paper weight	16–32 lb. (60–120 g/m ²)
Folding programs	8 standard programs, custom programs: unlimited
Folding standards	DIN824, AFNOR, ANSI, US-sizes
Folded package width	4"–16.5" (100–420 mm)
Binding edge	0–1.2" (0–30 mm)
OCÉ 4312 FANFOLD	
Paper feed	Automatic or manual
Folding speed	Aligned to print speed
Paper width	8.5"–36" (210–930 mm)
Paper length	8.5"–98.4" (210–2500 mm)
Paper weight	16–32 lb. (60–120 g/m ²)
Folding programs	8 standard programs, custom programs: unlimited
Folding standards	DIN824, AFNOR, ANSI, US-sizes
Folded package width	7"–16.5" (180–420 mm)
Folded package length	Maximum 59" (maximum 1500 mm) (20 lb.)
Binding edge	0–1.2" (0–30 mm)
Options	Extended stacker (for 150 extra folded E-size 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	Microsoft® certified Windows® driver, Adobe PostScript 3 driver
Job submission	Océ Publisher Express, Océ Publisher Select™ software
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 4312 fullfold, delivery belts, 42-inch stacker, take-up unit
Software	Océ Repro Desk® Studio, Océ Repro Desk Select, Océ Repro Desk Professional

Océ Environmental Certifications



Mixed Sources
Product group from well-managed
forests and other controlled sources
www.fsc.org Cert no. SCS-COC-00856
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Partners Certifications



Creating global leadership in printing

Canon and Océ join forces to create the global leader in the printing industry. For our customers this combines Canon and Océ technology with the support of sales and service 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

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www.cla.canon.com

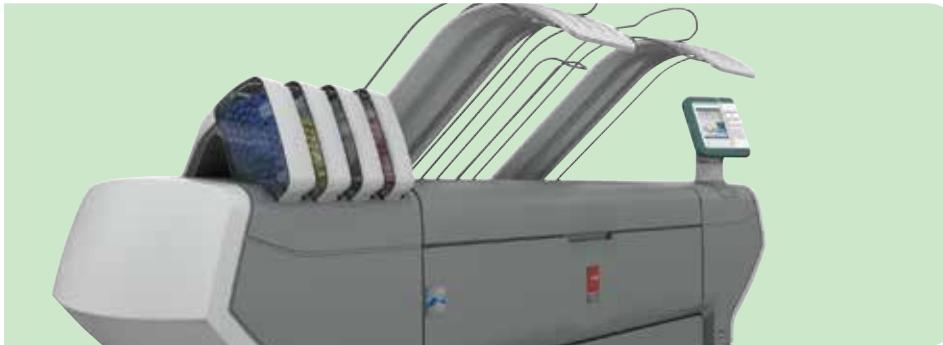
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Build a Colorful World

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 Océ ColorWave 650 is a versatile, highly-productive large format system—with its ability to print in black & white and color at up to 210 D-size prints per hour. The printer 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. A smart way to build a colorful world.

OCÉ CRYSTALPOINT 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.

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.

SUSTAINABILITY SECURE

The unique Océ TonerPearls® toner make for a totally clean system: there's no fine dust, no odor and minimal waste disposal.

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





TECHNOLOGY

Description

Large format black & white and color on one productive system

Imaging technology

Océ CrystalPoint technology

Toner

Océ TonerPearls toner for CYMK, 500 grams per color

Speed

B&W: 1,459 sq. ft./hr.

Resolution

Color: 1,361 sq. ft./hr.

600 dpi

GENERAL

Configuration

Printer only or multifunctional

Size main engine (W x D x H)

5.17" x 6.89" x 2.93"

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

Paper: Plain 75–90–120–160g (Bond), Recycled, Colored, Fluorescent

(www.mediaguide.oce.com)

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

Client operating system support

Windows® 2000/XP/Windows Vista®/7/Windows Server® 2003/Windows Server® 2008, Terminal Server, Citrix® MetaFrame, Mac OS® 9/Mac 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 3.3"/sec (5 m/min.)

Scan format

Color: maximum 2.8"/sec (4 m/min.)

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" x 25.6" x 51.2" (130 x 65 x 130 cm)

Weight scanner

154 lbs. (70 kg)

OPTIONS

Hardware

Océ 2400 fanfold, Océ 4312 fullfold, delivery belts,

Software

42-inch stacker, take-up unit

Océ Repro Desk® Studio, Océ Repro Desk Select, Océ Repro Desk Professional



Creating global leadership in printing

Canon and Océ join forces to create the global leader in the printing industry. For our customers this combines Canon and Océ technology with the support of sales and service 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

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