

Turn Speed Into Profitability



Océ ColorWave 900 printing system
Large format color production at 12 inches per second



Production Speed with Digital Flexibility

- Productive high volume color large format
- Short runs and variable imaging
- Application flexibility
- Ease of operation





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Large format color production at 12 inches per second

The Océ ColorWave® 900 system is an extremely high speed large format color printer, producing at speeds of over 12,000 square feet per hour. It is the ideal solution for those looking to boost their digital productivity for a wide variety of applications, including posters, maps and technical documents. Unlike traditional large format inkjet systems, the Océ ColorWave 900 printer can maintain maximum productivity regardless of image content, ink coverage or media type.



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PRODUCTIVE HIGH VOLUME COLOR FOR LARGE FORMATS

Production times have always been the bottleneck when it comes to large format digital color production. The Océ ColorWave 900 printer delivers unprecedented print speed to a market looking to help reduce turnaround times.

The system can print at a staggering 60 linear feet per minute, regardless of image complexity, ink coverage or media type. Supporting a media width of up to 42 inches) this equates to a raw speed of over 12,000 square feet per hour.

The print speed is achieved by positioning five print heads to cover the full width of the media and enable one pass printing. Working together these five heads can fire over 3 billion drops of ink every second from more than 350,000 nozzles.

Media handling is a critical element when managing high print speeds. Using proven Océ Technologies, the Océ ColorWave 900 printer can operate in the maximum speed the printing technology supports. The system has a 6 roll media input module. Each roll can be up to 650 feet in length for a maximum input capacity of 3,900 feet. The

input module handles widths ranging from 11.7 inches to 42 inches. Media is addressed by media type and the system automatically switches from one roll to another when another media type or media size is required.

The Océ Dual Tray High Capacity Stacker allows the operator to fully capitalize on the print speed. By using two large delivery trays, unloading and printing can take place simultaneously to enable maximum uptime. Prints come out dry and are immediately ready for delivery.

APPLICATION FLEXIBILITY

The combination of speed, quality and media diversity means the Océ ColorWave 900 printer is perfectly suited to applications ranging from point of sale and event posters to maps and technical documents.

The system has a maximum resolution of 1,600 x 1,600 dpi and a drop size of just 1.2 picoliters. This results in high image quality combined with the ability to produce fine lines and sharp text. Adding to the application flexibility, print lengths of up to 98 feet are supported.



COMPLEMENT YOUR OFFSET WORKFLOW

Whether it is short runs, variable imaging or non-standard size printing, the Océ ColorWave 900 printer is a great complement to your offset workflow. There is minimal setup time and the unit price remains constant whether you are producing a one off or a run of one thousand prints. Unlike offset, each print can also contain variable content. In just 30 minutes the Océ ColorWave 900 printer can produce over 250 B1 sheets, individually personalized.

COLORIZE YOUR TECHNICAL DOCUMENTS

The Océ ColorWave 900 printer is a game changer when it comes to printing technical documents. Studies have proven that printing technical drawings in color helps reduce costly building errors. Today a large percentage of technical documents are still produced in black and white due to the lack of speed when it comes to color production. With speeds matching the fastest black and white systems the Océ ColorWave 900 printer can now print all technical documents in the way they were designed to be read.

EASE OF OPERATION

Just because the Océ ColorWave 900 printer is at the top of the food chain when it comes to productivity doesn't mean it should be difficult to operate. Whether it is submitting a print job, managing the print queue or loading media and inks, the system requires minimal user interaction or involvement to produce high quality prints productively.

A large intuitive touch screen is used to manage and simplify the production for every level of operator. Print jobs, queue management and printer status are all addressable from this user interface allowing operators to easily keep track of printing needs.

Print jobs can be prepared and submitted remotely via the web, Océ Express WebTools or the batch file submission tool, Océ Publisher Select™ software.

For advanced color control and job preparation ONYX® Thrive™ workflow software is also available as an option.



1 INK

The Océ ColorWave 900 printer is a four color system that uses 5 ink tanks (two blacks for higher optical density). The system comes standard with 2 liter ink tanks that can produce over 3,000 E-size posters. The system uses aqueous dye ink. These inks can be quickly and easily changed via a simple plug in mechanism.

2 MEDIA

The 42-inch wide printer holds up to six media rolls, each containing up to 650 feet of media. Media widths between 11.7 inches and 42 inches are supported on 3 inch cores. Print lengths of up to 98 feet are supported.

3 USER INTERFACE

The large touch screen enables the operator to easily manage the print production and view the status of supplies including media and ink.

4 PRINT HEAD(S)

The Océ ColorWave 900 printer has two productive print modes: 60 feet per minute at 1,600 x 800 dpi and 30 feet per minute at 1,600 x 1,600 dpi.

5 ONYX THRIVE WORKFLOW SOFTWARE

ONYX Thrive workflow software is an option available for the Océ ColorWave 900 printer. It offers print service providers a scalable print production solution based on Adobe® technologies. ONYX Thrive enables a true end-to-end PDF workflow from digital file submission through color management, printing and cutting

6 DUAL TRAY HIGH CAPACITY STACKER

This stacker has two large delivery trays which can be used to separate jobs or sets. It allows unloading and printing to take place simultaneously to enable maximum productivity.





TECHNOLOGY	
Description	Drop on demand thermal inkjet printing
Imaging technology	Single pass aqueous inkjet technology
Ink	1.2 pL droplets
Ink Cartridges	Five 2-liter ink tanks
Writing technology	Five print heads (KCMYK) 350,000 nozzles (70,400 nozzles/head)
Print speed	12"/second Over 12,000 ft. ² /hour print speed Over 6,000 ft. ² /hour of production Over 500 B1/hour
Print modes	1600 × 1600 dpi at 6 inches per second 1600 × 800 dpi at 12 inches per second
MEDIA HANDLING	
Print length x width	98' × 42"
Media rolls	Multi-roll media feeding, 3 drawers with 6 total rolls, 11.7" to 42" widths
Maximum media capacity	Up to 650' rolls Up to 13,650 ft. ² online
Media loading	Automatic
Output delivery	42-inch Dual Tray High Capacity Stacker folder
Auto switching technology	The correct roll is selected automatically based on the media type and roll width Mixed jobs, without user interaction When roll empty, next roll is automatically selected
Media type (www.mediaguide.oce.com)	Bond, inkjet coated paper, semi gloss, photo gloss, blueback, self adhesive, film, banner materials
USER INTERFACE	
Intuitive touch screen	Supplies overview; Print job queue control / Smart inbox; Maintenance
POWER CONSUMPTION	
Power supply	230 V
CONTROLLER	
Description	Océ PowerM [®] Plus controller
Client operating system support	XP / Vista / 7 / Server 2003 / Server 2008, Terminal Server, Citrix [®] MetaFrame, Mac [®] OS 9 / OS X (Adobe [®] PostScript [®] 3/PDF driver)
Processor	Intel [®] Core [™] i7-860 @2.80 GHz
Memory	4 GB DDR2 DRAM
Hard disk	3 × 250 GB
Interface	10/100/1000 Base-T with RJ45
File Formats	Adobe Postscript 3 / PDF printing
WORKFLOW	
Job submission software	Adobe Postscript 3 / PDF printing; Smart inbox, print and history queue on the user interface; Océ Express WebTools, browser based remote submission tool; Océ Publisher Select [™] , job submission tool to submit multiple files with different setting including preview & stamping
Printer drivers	Adobe [®] PostScript [®] 3 [™] driver
ENVIRONMENTAL	
Ozone emissions	Zero
Power requirements	Voltage: 200 - 240 Vac; 50/60 Hz
Energy	Auto-off: < 0.5 Watt Standby: < 250 Watt Run-mode: < 1000 Watt
GENERAL	
Size print engine (W x D x H)	6.7' × 3.7' × 5.2' (202 × 110 × 158 cm)
Weight print engine	882 lbs. (400 kg)
Size dual tray high capacity stacker	5.3' × 6.3' × 3.7' (160 × 190 × 110 cm) (W × D × H)
Weight stacker	309 lbs. (140 kg)

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POWER CONSUMPTION	
Power supply	230 V
CONTROLLER	
Description	Océ PowerM [®] Plus controller
Client operating system support	XP / Vista / 7 / Server 2003 / Server 2008, Terminal Server, Citrix [®] MetaFrame, Mac [®] OS 9 / OS X (Adobe [®] PostScript [®] 3/PDF driver)
Processor	Intel [®] Core [™] i7-860 @2.80 GHz
Memory	4 GB DDR2 DRAM
Hard disk	3 × 250 GB
Interface	10/100/1000 Base-T with RJ45
File Formats	Adobe Postscript 3 / PDF printing
WORKFLOW	
Job submission software	Adobe Postscript 3 / PDF printing; Smart inbox, print and history queue on the user interface; Océ Express WebTools, browser based remote submission tool; Océ Publisher Select [™] , job submission tool to submit multiple files with different setting including preview & stamping
Printer drivers	Adobe [®] PostScript [®] 3 [™] driver
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Ozone emissions	Zero
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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 the Océ direct 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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