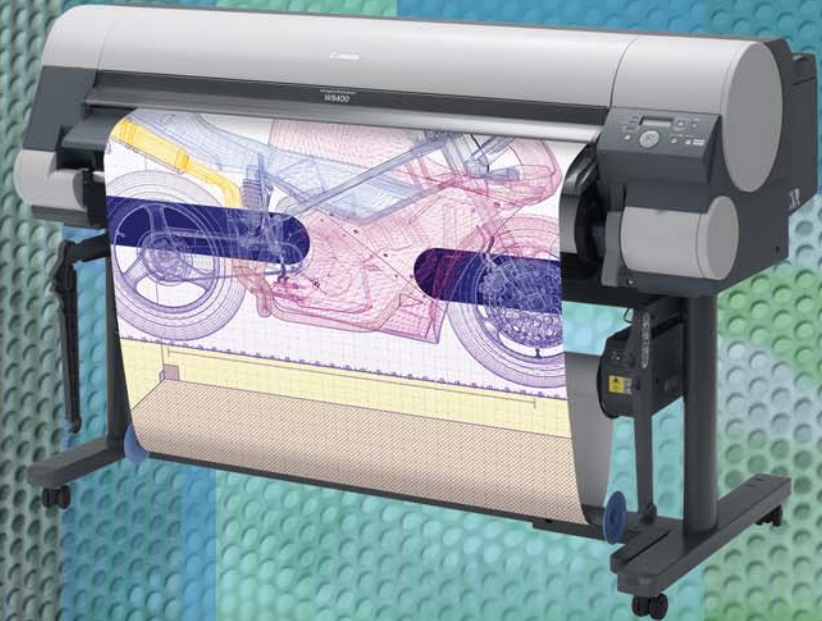


Canon

imagePROGRAF®
W8400D



GRAPHIC ARTS
SYSTEMS



imagePROGRAF®
W8400D

GRAPHIC ARTS SYSTEMS

CANON IS COMMITTED TO LARGE-FORMAT PRINTING TECHNOLOGY

Canon, a world leader in office imaging systems, ink-jet technology, and digital photography, presents a breakthrough in professional large-format printing solutions.

Canon, one of the world's top patent holders, introduces a new large-format printer. With an included suite of software programs, along with advanced printing functionality and performance, the imagePROGRAF® W8400D dye printer is a complete solution for creating, processing, and printing in large format.

Design Rendering Applications – Picture being able to create high-quality, full-size replications of new product ideas, packaging, displays, and construction plans quickly, effectively, and accurately. Now you can print easily with Canon's integrated HDI driver, which has the ability to print directly from AutoCAD®. The result is a far more capable printing process while increasing the accuracy of line drawing rendition.

Graphic Layout Applications – The imagePROGRAF W8400D system is a complete workflow solution with feature-rich software and world class printing technologies. The system provides you with advanced image manipulation features found in Canon's Digital Photo Print Pro software, along with superb quality outputs at fast speeds.

Color Reproduction Applications – The truly remarkable wide color gamut of Canon's dye-based inks provides you with the power to print your visually rich output with total color precision. The dye inks offer brilliant reproduction with unsurpassed quality on media such as heavyweight premium gloss to commercial proofing grade paper.



AN INNOVATION IN LARGE-FORMAT PRINTING

The imagePROGRAF W8400D dye printing solution is much more than just a printing device. It combines Canon's widely recognized ink-jet printing technology with a suite of software programs to give users the ability to create, process, and print large-format output.

Start to Finish Workflow Solution

Canon has assembled the essential tools and technologies for producing professional large-format output. Designs and graphics can quickly and easily be produced with clarity and detail. High-resolution 2400 x 1200-dpi printing, true 1200-dpi pitch and precise 4pl ink droplets are just part of what Canon can deliver. These features, combined with the included software applications, have made Canon an ideal choice for any large-format environment.

Put Ideas to Paper with a Powerful Suite of Included Software Programs

Design and customize posters, signs, design renderings, banners, and more with a robust suite of software specially created by Canon for large-format printing.

PosterArtist – This easy-to-use, template-based poster creation software program has everything needed to quickly and easily create large-format posters. PosterArtist includes over 1,000 royalty free images, provides the ability to create and save templates, import outside images, and much more.

Digital Photo Print Pro – A software program designed by Canon to help manage, edit, organize, layout, and print digital files for large-format applications. Index creation, multiple page layout, unlimited number of undo, plus image corrections features such as eliminate red-eye and improve skin

tones, can all be done quickly and easily. A color accurate preview helps prevent misprints, so images will output as they appear on the screen.

HDI Driver – This driver enables superb line drawing renditions as well as fast processing speeds. The driver directly converts line drawing data from AutoCAD into the printer's native data format, GARO. By skipping the GDI conversion process, the result is a far more efficient printing process, eliminating overhead process time while increasing the accuracy of drawing integrity.

Print Driver 2005 – This Windows® and Macintosh® driver incorporates simplified page setup options, one-touch borderless printing, expanded color settings, and much more. This print driver gives the user the look and feel of their existing Canon office equipment.

Hardware That's Not Hard to Use

The new imagePROGRAF W8400D dye printer has been designed with the user in mind. Operator-friendly features such as a newly designed user interface, enhanced status monitor, simple paper loading system, automatic registration, media roll detection system, automatic clogged nozzle detection and compensation, operator replaceable print heads, and a stylish compact design make the imagePROGRAF printers efficient and easy to use.

Create



Design, customize, edit, and lay out large-format images

Process



Efficient and accurate image management

Print



High-quality prints at ultra-fast speeds

imagePROGRAF W8400D Specifications

Print Head

- Bubble Jet On-Demand/FINE
- End-User Replaceable (BC-1300)
- 6-Color Print Head

Number of Nozzles

- 1,280 Nozzles per Color
- 7,680 Nozzles, Total

Droplet Size

- 4 Picoliter

Nozzle Pitch (Head Resolution)

- 1200 dpi

Print Resolution (Max.)

- 2400 x 1200 dpi

Ink Tank

- Cyan, Magenta, Yellow, Black, Photo Cyan, Photo Magenta

Ink Capacity

- 330ml

Ink Type

- Dye

Bundled Software

- Printing Software
- Printer Driver 2005, HDI Driver for AutoCAD
- Applications
- PosterArtist*
Template-based custom poster-creation software

- Digital Photo Print Pro*
Image editing and layout software for large-format photo printing

Languages

- Printer
- GARO (Canon Proprietary)

Operating System

- Driver
- Windows® 98/Me, Windows NT® 4.0
SP6/2000/XP/2003 Server,
Macintosh® OS 8.6/9/X (10.2, 10.3, 10.4)

Borderless Printing Width (Roll Media Only)

- 10", 14", 16", 24", 36", 42", 594mm (ISO A1),
840mm (ISO A0), 515mm (JIS B2), 1030mm (JIS B0)

Nozzle Recovery System

- Non-Firing Nozzle Detection and Compensation

Interface

- Standard
- USB 2.0 High Speed
- 10/100Base-T/TX
- Optional
- IEEE1394 FireWire Card (10/100Base-T/TX Card must be uninstalled)

Margins

- Roll: All Sides: 0.20" (5mm)
- Cut Sheet: Leading and Left/Right Edges: 0.20" (5mm);
Trailing Edge: 0.90" (23mm)

Media Roll Diameter

- 5.9" (150mm)

Power Supply

- Input Power: AC 100–240V (50-60Hz)

Certifications

- UL®, FCC Class B, ENERGY STAR®

Dimensions (With Stand)

- 64.6" x 38.2" x 42.3"
(1642mm x 972mm x 1075mm)

Weight (With Stand)

- 216 lb. (98kg)

User-Replaceable Items

- Print Head
- Maintenance Cartridge
- Cutter Blade

Operational Environment


- Temperature: 59 – 86 F° (15 – 30 C°)
- Humidity: RH 10 - 80 % (No Condensation)

*Windows 2000/XP only

Print Speed				Standard with the Printer
	Mode	Resolution	Square Feet Per Hour	
Plain Paper	Draft	1200 x 1200	305	Stand User Software CD (Printer Driver, HDI Driver, Utilities) Application CDs (PosterArtist, Digital Photo Print Pro) 6 Ink Tanks (C, M, Y, K, PC, PM) Basket 2" Core Media Spool Print Head Maintenance Cartridge Ethernet Card (Built In) USB 2.0 High-Speed Interface User Guide CD Setup Guide (Poster) Printer Reference Guide (Booklet) Hardware (For Setting Up the Stand) Power Cord Cutter Blade
	Standard	1200 x 1200	117	
Heavyweight Coated Paper	Draft	1200 x 1200	181	
	Standard High	1200 x 1200 2400 x 1200	117 43	
Glossy Photo Paper	Standard	1200 x 1200	90	
	High	2400 x 1200	51	
Plain Paper (CAD)	Standard	1200 x 1200	175	
	High	1200 x 1200	92	

Printed Image: ISO JIS-SCID No. 5 Chart
Printed Image Size: 43.6 x 54.5" (1107 x 1384mm)
Test Environment: Pentium® 4/3.2GHz, Windows XP SP2, 1024MB RAM, USB 2.0 High Speed, Adobe® Photoshop® 7.0
Square Feet Per Hour does not include data transfer time and time for media cutting. The test conducted here is a result of Canon Inc.'s internal testing. The actual print speed varies, depending on number of factors including data size, data complexity, application software, and interface.

Print Speed (CAD Line Drawing)		
	Rendering Resolution	Print Time
Plain Paper (CAD)	300 dpi	2 min. 15 sec.
	600 dpi	3 min. 55 sec.
Coated Paper (CAD)	300 dpi	3 min. 48 sec.
	600 dpi	3 min. 56 sec.
Tracing Paper (CAD)	300 dpi	2 min. 15 sec.
	600 dpi	3 min. 56 sec.



Printed Image: Cottage Plan and Elevation.dwg
Printed Image Size: E-size 44.6" x 31.2" (1135mm x 795mm)
Print Resolution: 1200 x 1200 dpi
Test Environment: Pentium 4/2.2GHz, Windows 2000 SP4, 1048MB RAM, USB 2.0 High Speed, AutoCAD LT 2005
Print time does not include data transfer time and time for media cutting. The test conducted here is a result of Canon Inc. internal testing. The actual print speed varies depending on number of factors such as data size, data complexity, application software, and interface.



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