



imagePROGRAF iPF 9100/8100
large format printers

Canon
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Model	Canon Large Format Printers imagePROGRAF iPF 9100/8100
Print-Heads	PF-03
Technology	FINE (Full-lithography Inkjet Nozzle Engineering)
Configuration	Two Print-Heads Print-Head (L) Y/PC/C/PGY/GY/MBK Print-Head (R) PM/M/BK/R/G/B
Number of Nozzles	2,560 per Ink 30,720 Total
Droplet Size	Uniform 4 Picolitre for All Inks
Print Head Swath	1.07 inch
Print Resolution (Max)	2400 x 1200 dpi
Ink Type	LUCIA Ink (Pigment-based)
Replacement Ink Tank	PFI-702 (700ml) or PFI-302 (330ml) for Bk/MBK/GY/PGY PFI-701 (700ml) or PFI-301 (330ml) for C/M/Y/PC/PM/R/G/B
Colours	Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matt Black, Red, Green, Blue, Grey, Photo Grey
Ink Tank Shipped with Printer	12 Inks (Full 330ml Each Ink)
Ink Supply Method	Tubing System with Sub-Tanks for Continuous Ink Supply
Nozzle Recovery System	Non-firing Nozzle Detection and Compensation
Printer Controller	L-COA Controller
Printer Memory	iPF9100: 640MB, iPF8100: 384MB
Built-in Hard Disk Capacity	80GB
Media Feed	Roll Feed: One Roll, Front Loading, Front Output Cut Sheet: One Sheet, Front Loading, Front Output
Media Width	(Cut Sheet) 8" - 44" (iPF8100S) - 60" (iPF9100S) (Roll Feed) 10" - 44" (iPF8100S) - 60" (iPF9100S)
Minimum Media Length	8" (203mm)
Maximum Print Length	Manual Feed: 1.6 Metres Roll Feed: 18 Metres*
Borderless Printing Width (Roll Media Only)	10", 14", 16", 24", 36", 42", B2 (515mm), A1 (594mm) A0 (841mm), B0 (1030mm)
Media Cutter	User-replaceable Durable Rotary Blade (CT-06)
Media Thickness	0.07mm-0.8mm (2.8mil - 31.4mil)
Media Core Sizes	2" (3" Core with Optional 3" Core Spool)
Media Output	Automatically Winding Media Take-up Reel (iPF8100: Optional/9100: Standard), Basket (iPF9100: Optional/iPF8100: Standard)
Printable Margins	Manual Feed (Top/Front) Leading & Left/Right Edges: 5mm, Trailing Edge: 23mm Roll Feed All Sides: 5mm or 0mm for Borderless
Max Media Roll Outer Diameter	150mm
Bundled Software	Printing Software Printer Driver 2007, Print Plug-in for Photoshop®,** Print Plug-in for Digital Photo Professional, Printer Driver Extra Kit† (Free Layout, imageRUNNER® Linking Function)
Applications	Digital Photo Front-Access,† PosterArtist 2007
Utilities	GARO Status Monitor with SMTP e-mail Printer Status Notification, Media Configuration Tool, Remote UI
Printer Language	GARO
Operating System*	Windows® 2000/XP/Windows Vista™ Macintosh® OS 9/X
Interface	Standard: USB 2.0, 10/100Base-T/TX Optional: IEEE1394 (FireWire®)
Acoustic Noise	Operation 51dB or Less Standby 35dB or Less

Acoustic Power (Operation and Standby)	6.7 Bels or Less
Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Maximum 190W or less Standby (100-120V) 5W or less Power Off (Standby, 100 -120V) Less than 1W (Compliant with Executive Order)
Certifications	Electrical Safety Regulations UL (USA), C-UL (Canada), S mark (Argentina), CB certification (Others) Electromagnetic Interface Regulations FCC Class B (USA), IC Class B (Canada) Environmental Certifications ENERGY STAR® (World Wide), RoHS Directive, WEEE, Executive Order (USA)
Operational Environment	Temperature 15-30 C° (59-86 F°) Relative Humidity 10-80% (Condensation Free)
Dimensions with Stand	iPF9100: (H x W x D) 1,144mm x 2,299mm x 766mm iPF8100: (H x W x D) 1,144mm x 1,893mm x 975mm
Weight with Stand	iPF9000: Approx. 162kg iPF8000: Approx. 140kg
User-Replaceable Items	Ink Tanks Print-Head (PF-03) Maintenance Cartridge (MC-08) Durable Rotary Media Cutter (CT-06)
Options	IEEE1394 Expansion Board (EB-05) Media Take-up Unit (TU-06)-iPF8100 Basket (BU-01)-iPF9100 PosterArtist 2007 iPF9000: 2" Core Roll Holder (RH2-63) iPF9000: 3" Core Roll Holder (RH3-63) iPF8000: 2" Core Roll Holder (RH2-43) iPF8000: 3" Core Roll Holder (RH3-43) *The maximum printable length varies depending on the application, OS, and RIP used. **For Adobe Photoshop 6, 7, CS, CS2, running on Windows 2000/XP/Windows Vista 32-bit or Macintosh OS 9.1 or OS X †Windows 2000/XP/Windows Vista ‡Windows 2000/XP/Windows Vista 32-bit • For imagePROGRAF Printer Driver 2007.

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imagePROGRAF
iPF 9100/8100
large format printers

Express your creativity – oversized and uncompromised.



CANON900_3914_8100_9100_02/08

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Achieve magnificent results

Every aspect of these imagePROGRAF printers has been engineered for the production of ultra-high-quality large-format images.

Now you can bring your biggest, most ambitious projects from inspiration to realisation with uncompromised accuracy, extraordinary detail, and spectacular colour. Built to put advanced printing technologies into the hands of artists and photographers, the new 60" iPF9100 and 44" iPF8100 printers will help you fulfil your creative potential like never before.

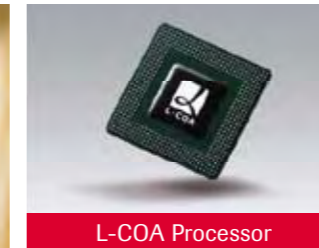
An extraordinary spectrum of colour

Equipped with a pallet of 12 inks that includes Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Red, Green and Blue, plus four monochromatic shades – Black, Matt Black, Grey, and Photo Grey – these printers deliver a broader gamut for greater tonal range and more precise reproduction of colour.

- **Red, Green, and Blue** These colours expand the colour space while significantly improving saturation level for the additive primary colours.
- **Photo Cyan, Photo Magenta, Grey and Photo Grey** These colours help smooth colour transitions, reduce graininess and maintain a neutral grey balance for better overall image quality.
- **Four Monochromatic Shades** A greater black-to-white tonal range is enabled for more dramatic light-to-dark contrast and better mid-tone clarity. Black density on coated and uncoated media is optimised because the printer will automatically select the appropriate Black ink.

Canon workflow solutions simplify printer operation and expand the creative options for large-format photography and fine art applications

- **Print Plug-in for Adobe Photoshop** for enhanced 16-bit image printing from Photoshop.
- **Print Plug-in for Digital Photo Professional** facilitates printing from digital cameras.
- **Digital Photo Front-Access** displays file images and provides a link to other software applications for editing and printing.
- **Canon Printer Driver 2007** optimises productivity with easy and advanced settings.
- **PosterArtist 2007** is an easy to use, template driven poster creation tool.



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KYUANOS: Canons' next generation colour matching platform

Kyuanos is a new high-precision colour matching engine developed by Canon. This underlying technology enables advanced colour management functions, such as Ambient Light Adjustment and supports richer colour expression across a wider spectrum of input and output formats.

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Achieve magnificent results

Ultra-high quality imaging and maximum productivity

- High resolution output, up to 2400 x 1200 dpi with tiny 4pl droplets of ink.
- Built in calibration for consistent, reliable results.
- Borderless printing reduces trimming time.
- Two 1.07" print heads, with a total of 30,720 nozzles.
- The sub ink tank system enables on the fly ink replacement.
- Built-in 80GB hard drive for data storage and faster reprints.

Canon's advanced L-COA Processor intelligently manages print data and directs the high density print heads to deposit ink with unprecedented speed. This unique processor helps ensure that complex graphics and colour intensive photographic images are optimised for clarity, richness, and accuracy.

Superfine 4pl ink droplets and print resolution of up to 2400 x 1200 dpi produce the delicate colour gradation and the high definition expression required by fine art applications and professional photographers.

LUCIA™ pigment inks

- Colour stable, light fast and water resistant.
 - Reformulated monochromatic inks reduce graininess, resist scratches, and minimise bronzing.
- Canon's advanced ink technologies give LUCIA pigment inks outstanding archival characteristics.

Each pigment particle is protected by a special polymer compound coating. This coating increases the ink's resistance to fading to extend the longevity of a printed image. The polymer also helps the ink to adhere more evenly and securely across the surface of the media to reduce graininess, resist scratching, and minimise bronzing – so prints look great from every angle.

System calibration – simplified

Unlike the complex and time consuming calibration normally required in professional settings, Canon offers a simplified process that enables easy recalibration back to the original, optimal factory settings across all the printer's media types – in just minutes.

Workflow solutions

The Print Plug-in for Digital Photo Professional helps to edit, organise, and layout digital photos for large-format applications.

The Print Plug-in for Adobe Photoshop enables 16-bit image processing to dramatically improve gradations and image quality. The system's wide colour gamut and durable LUCIA inks produce realistic images with richer, deeper tones that will last for years to come.