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 **imagePROGRAF®**  
**iPF9000S/8000S/6000S**

# iPF S-Series

**GRAPHIC ARTS**

**LARGE-FORMAT PRINTING**



# Canon imagePROGRAF S-Series large-format printers

The SPEED you need to succeed!



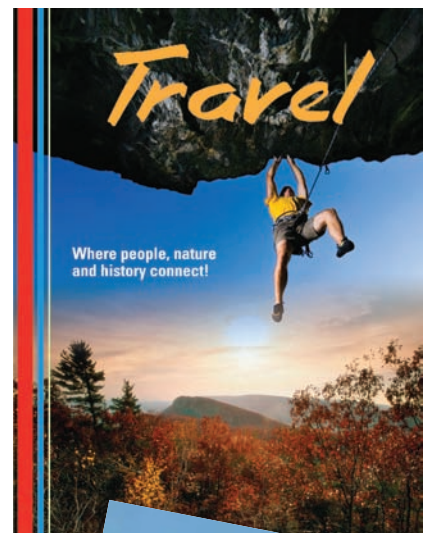
Canon's fastest graphic arts large-format printers—the imagePROGRAF S-Series—deliver the productivity, capacity, and versatility you need to produce more work, more profitably, and in less time.

Now available in three sizes, Canon's imagePROGRAF S-Series large-format printers are workhorse system solutions for professionals who need to compete in the production printing marketplace. Choose the one that's right for you.

**imagePROGRAF iPF9000S:** This 60"-wide system delivers maximum throughput capacity and versatility for POP displays, posters, and backlits of all sizes.

**imagePROGRAF iPF8000S:** A high-speed, 44"-wide solution for mainstream large-format printing applications.

**imagePROGRAF iPF6000S:** The smaller footprint of this 24"-wide production print engine gives businesses with limited floor space unlimited potential.



# iPF S-Series

## FEATURES



The 60" iPF9000S, 44" iPF8000S, and 24" iPF6000S large-format printers sacrifice nothing when it comes to print quality and performance.

### MAXIMUM PRODUCTIVITY

- Fast throughput speeds
- Built-in 80GB hard drive
- Two 1.07" print-heads, with a total of 30,720 nozzles
- High-speed L-COA image processor for fast, high-quality print optimization
- Borderless printing—reduces finishing requirements\*
- Reliable, worry-free ink systems

### EXCELLENT PRINT QUALITY

- High-resolution output up to 2400 x 1200 dpi
- Superfine 4-picoliter ink droplets produce delicate color gradation and high-definition expression needed for high-quality graphics, posters, and displays.

### INTELLIGENT QUALITY CONTROL

- The built-in calibration feature helps ensure consistently superior results.
- Canon's breakthrough *Kyuanos*<sup>®</sup> color matching engine
- Roll media detection and management help prevent misprints.

### LUCIA<sup>®</sup> PIGMENT INKS

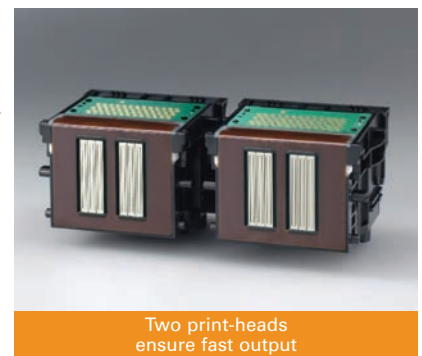
- An 8-color ink set provides a wide gamut for production print applications.
- Durable, light-fast color images resist scratching and fading

### LOW-COST OPERATION

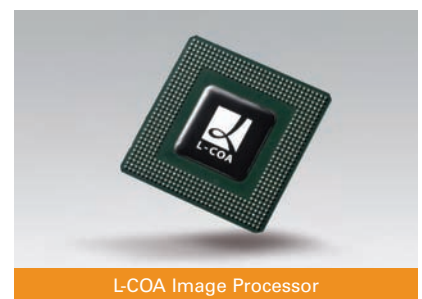
- Economy Color mode reduces ink consumption 10% to 20%.
- Low-maintenance, long-life print-heads are built to last!
- Efficient media management functions help minimize waste.
- Low operating power requirements reduce overhead costs.

### SOFTWARE SOLUTIONS

- Print Plug-in for Digital Photo Professional
- Print Plug-in for Adobe<sup>®</sup> Photoshop<sup>®</sup>
- Canon Printer Driver
- Digital Photo Front-Access
- Print Plug-in for Microsoft<sup>®</sup> Word/Excel/PowerPoint<sup>®</sup>\*\*
- PosterArtist Lite (iPF6000S only)



Two print-heads ensure fast output



L-COA Image Processor

\*Up to 42" wide

\*\*See [www.usa.canon.com/download](http://www.usa.canon.com/download) for availability.

# Print more in less time, at a lower cost: It's a Winning Formula.

Advanced Canon technologies are seamlessly integrated into a single, exceptionally efficient production printing system engineered to produce more high-quality work, at a lower cost and in less time.

## **EXCEPTIONAL QUALITY WITH UNPRECEDENTED SPEED**

Two large, 1.07-inch high-density print-heads eject tiny 4pl droplets of ink through 30,720 nozzles to produce high-quality output up to 2400 x 1200 dpi with unprecedented speed. An innovative ink channel configuration accelerates print efficiency by distributing the eight colors of ink across the two print-heads for better ink coverage with each pass—and greater productivity—without sacrificing image quality.

## **HIGH-CAPACITY 80GB HARD DRIVE**

Canon's imagePROGRAF S-Series printers are equipped with an extra large 80GB hard drive that improves productivity by relieving the workload from an operator's host computer while providing more capacity for data storage and retrieval so multiple copies and reprints can be made without resending job files. Additional job management and security features supported by the hard drive further enhance workgroup efficiency.

## **HIGH-SPEED IMAGE PROCESSING**

Driving data to the printer and optimizing output functions is Canon's advanced L-COA processor. This intelligent high-speed processor manages the high volume of data required for display quality large-format graphics and directs the print engine with speed and accuracy.

## **REDUCED INK CONSUMPTION**

The Economy Color Mode produces high-resolution 1200 x 1200 dpi output on coated and uncoated media while reducing ink consumption from 10% to 20%.

## **MINIMIZE MEDIA WASTE**

The Roll Media Preview helps the operator determine if media waste can be reduced by automatically rotating a print image 90°. Without the need to confirm rotation settings or selecting the orientation, now users can take advantage of media saving opportunities more easily.

## **DURABLE LUCIA PIGMENT INKS**

Each of the S-Series printers feature eight colors of LUCIA ink (Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, and Gray) for a vibrant color gamut with a depth and tone that's ideal for commercial graphics applications.

## **RELIABLE, WORRY FREE INK SYSTEMS**

The large 330ml and 700ml ink tanks available for the iPF9000S and iPF8000S printers supply a sub-tank system so inks can be replenished on-the-fly for longer, uninterrupted print runs. The 130ml ink tanks for the iPF6000S printer can be replaced mid-print, without corrupting the image or needing to resend the print file. All models include an ink-level detection system that helps ensure that ink is always available.

## **BORDERLESS PRINTING\***

Borderless printing reduces trimming and offline finishing requirements. Output that's ready to use straight from the printer means that more jobs can be completed in less time.

## **LOW TOTAL COST OF OPERATION**

Engineered for efficiency and reliability imagePROGRAF S-Series printers draw only 190 watts of power during use. These low-maintenance workhorses are equipped with self-cleaning, long-life print-heads that further reduce the total cost of operation.

\*Up to 42" wide

# Intelligent Quality Control

Canon knows that there's little room for error in the highly competitive production printing marketplace. That's why S-Series printers come equipped with some of the most advanced quality control functions available in the industry.

## **BUILT-IN CALIBRATION FOR PRECISION, CONTROL, AND SUPERIOR RESULTS**

When it comes to producing accurate reprints or managing output across multiple printers, the S-Series' built-in calibration function helps to ensure that you'll get the results you expect.

Unlike the complex and time-consuming color calibration normally required in professional settings, a single process enables these printers to be easily reset back to the original, optimal factory settings across all the printer's media types in just minutes. This easy-to-use feature helps compensate for adverse environmental conditions while providing a predictable platform for color management and consistent color reproduction.

## **KYUANOS: CANON'S NEXT-GENERATION COLOR MATCHING PLATFORM**

Once again at the forefront of the industry, Canon has developed *Kyuanos*, a new high-precision color matching engine. This underlying technology enables new functionality, such as Ambient Light Adjustment, and supports richer color expression across a wider spectrum of input and output formats.

## **MEDIA ROLL DETECTION SYSTEM**

Avoid mismatching media types or running out in the middle of a job. The media roll detection system verifies the media type loaded and tracks how much is remaining on the roll. Media information is automatically printed (in text and bar code) directly on the roll before it's removed from the printer. The next time the roll is loaded, the system will read the bar code and apply the information.

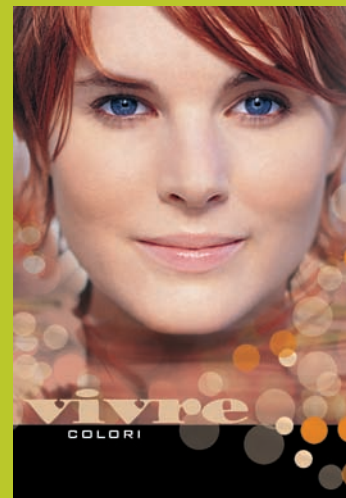


# iPF S-Series

# Maximize Your Productivity

The imagePROGRAF S-Series printers are intelligently designed systems featuring an integrated set of applications that streamline workflow, improve efficiency, and expand the versatility of output options.\*

- **Canon Printer Driver** intuitive operation with Easy and Advanced settings
- **Print Plug-in for Adobe Photoshop** for enhanced image processing
- **Print Plug-in Digital Photo Professional** to facilitate printing from digital cameras
- **Print Plug-in for Word/Excel/PowerPoint** enables easy enlargement printing of these popular office documents (Versions for all models coming soon; please check [www.usa.canon.com/download](http://www.usa.canon.com/download).)
- **Digital Photo Front-Access** displays file images and provides a link to applications



## EMPOWER YOUR CREATIVITY

**PosterArtist Lite:** Included with the iPF6000S printer is PosterArtist Lite, a poster creation package for PCs that makes it easy to create your own posters, signs, and banners from hundreds of customizable templates and royalty-free images. Just follow the simple step-by-step on-screen instructions—no design experience is required!

**Want more PosterArtist?** For those with more demanding poster creation needs, Canon offers the full PosterArtist as an option. With advanced features such as Auto Design, Variable Data Printing, Ambient Light Adjustment, and enhanced image editing functions, printing professional posters has never been easier. Go to [www.usa.canon.com/posterartist](http://www.usa.canon.com/posterartist) for more information.

## EXTENSIVE RIP SUPPORT

A wide range of compatible third-party RIPs and software solutions is also available from approved Canon Alliance Partners. To learn more about the available RIP solutions, visit <http://www.usa.canon.com/alliance>.

\* Please see the Specifications page for OS compatibility.

# iPF6000S

## SPECIFICATIONS

**Print-Head**

PF-03 (2)

**Technology**

FINE (Full-photolithography Inkjet Nozzle Engineering)

**Configuration**Two Print-Heads (Total 8 Colors)  
6 Colors per Print-Head  
Print-Head (L) PC/C/PM/GY/MBK/M  
Print-Head (R) Y/BK/GY/PM/C/PC**Number of Nozzles**2,560 per Color (M/Y/BK/MBK)  
5,120 per Color (C/PC/PM/GY)  
30,720 Total**Droplet Size**

4 Picoliter

**Nozzle Pitch (Head Resolution)**

1200 dpi

**Print Head Swath**

1.07"

**Print Resolution (Max.)**

2400 x 1200 dpi

**Ink Type**

LUCIA Ink (Pigment-based)

**Ink Tank**

PFI-101 (C, M, Y, PC, PM, BK, MBK, GY)

**Colors**Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow,  
Black, Matte Black, Gray**Ink Tank Capacity****Starter (Packaged with a Printer)**

90ml per Color

**Replacement**

130ml per Color

**Ink Supply Method**

Tubing System

**Nozzle Recovery System**

Non-firing Nozzle Detection and Compensation

**Printer Controller**

L-COA Controller

**Printer Memory**

256MB

**Media Feed****Roll Feed**

One Roll, Front Output

**Top-Loading Manual Feed**

One Sheet, Front Output

**Front-Loading Manual Feed**

One Sheet, Front Output

**Media Width**

Cut Sheet/Roll: 8"-24"

**Minimum Media Length****Top-Loading Manual Feed**

11.0" (279mm)

**Front-Loading Manual Feed**

13.8" (350mm)

**Roll Feed**

8" (203mm)

**Minimum Print Length****Manual Feed (Top)**

62" (1.6m)

**Manual Feed (Front)**

36" (914mm)

**Roll Feed**

59 Feet (18m)\*

**Borderless Printing Width (Roll Media Only)**10" (254mm), B4 (257mm), A3+ (329mm), 14" (356mm),  
16" (407mm), A2 (420mm), A2+1/7" (432mm),  
B2 (515mm), A1 (594mm), 24" (610mm)**Media Cutter**

Built-in Durable Rotary Blade

**Printer Stand**

Standard

**Media Thickness****Top-Loading Manual Feed**

0.07mm-0.8mm (2.8mil-31.4mil)

**Front-Loading Manual Feed**

0.5mm-1.5mm (19.6mil-59.0mil)

**Roll Feed**

0.07mm-0.8mm (2.8mil-31.4mil)

**Media Core Sizes**

2" or 3" Core (with Supplied Adapter)

**Printable Margins****Manual Feed (Top/Front)**Leading and Left/Right Edges: 0.12" (3mm),  
Trailing Edge, Top Feed: 0.12" (3mm) Except Art Paper;  
Top Feed (Art Paper): 0.90" (23mm);  
Front Feed: 0.90" (23mm)**Roll Feed**

All Sides: 0.12" (3mm) or 0" for Borderless

**Maximum Media Roll Outer Diameter**

5.9" (150mm)

**Bundled Software****Printing Software**Canon Printer Driver, Print Plug-in for Photoshop®,\*\*  
Print Plug-in for DPP\*\*\*, Print Plug-in for Microsoft®  
Office, Printer Driver Extra Kit\*\*\*\* (Free Layout,  
imageRUNNER® Linking Function)**Applications**PosterArtist Lite,  
Digital Photo Front-Access**Utilities**imagePROGRAF Status Monitor (Windows®), Print  
Monitor (Macintosh®), Media Configuration Tool, Remote UI**Printer Language**

GARO (Canon Proprietary)

**Operating System<sup>c</sup>**Windows (2000, XP, Windows Vista® 32/64 bit)  
Macintosh OS X (10.2-10.4.9, 10.5)**Interface****Standard**USB 2.0 High-Speed  
10/100Base-T/TX**Acoustic Noise**

Operation 49dB or Less

**Power Supply**

AC 100-240V (50-60Hz)

**Power Consumption****Maximum**

100W or Less

**Standby**

6W or Less

**Power Off**

Less than 1W (Compliant with Executive Order)

**Certifications**

UL, FCC Class B, ENERGY STAR®

**Operational Environment****Temperature**

59-86 F° (15-30 C°)

**Relative Humidity**

10-80% (No Condensation)

**Dimensions with Stand (H x W x D)**

39.0" x 46.3" x 34.2"

**Weight**Approx. 146 lb. with Stand  
(Excludes Ink Tank and Print Heads)**Package Dimensions with Stand (H x W x D)**

35.2" x 52.0" x 36.0", 227 lb.

**User-Replaceable Items**Print-Head (PF-03)  
Maintenance Cartridge (MC-16)**Options**Roll Holder Set (RH-25)  
PosterArtist

\* The maximum printable length varies, depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2008 is 50 feet.

\*\* For Adobe Photoshop 6, 7, CS, CS2, CS3 running on Windows 2000/XP/Windows Vista (32-bit) or Macintosh OS X 10.2/10.3/10.4/10.5

\*\*\* For Digital Photo Professional version 2.1 or later running on Windows 2000/XP, Windows Vista (32 bit) or Macintosh OS X 10.2/10.3/10.4/10.5

\*\*\*\* Not compatible with Windows 64-bit OS

<sup>c</sup> For imagePROGRAF Printer Driver 2008. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

# iPF9000S/8000S

## SPECIFICATIONS

### Print-Head

PF-03 (2)

### Technology

FINE (Full-lithography Inkjet Nozzle Engineering)

### Configuration

Two Print-Heads  
Print-Head (L) PC/C/PM/GY/BK/GY  
Print-Head (R) Y/MBK/M/PM/C/PC

### Number of Nozzles

2,560 per Color (M/Y/BK/MBK)  
5,120 per Color (C/PC/PM/GY)  
30,720 Total

### Droplet Size

Uniform 4 Picoliter for All Colors

### Nozzle Pitch (Head Resolution)

1,200 dpi

### Print Head Swath

1.07 inch

### Print Resolution (Max.)

2400 x 1200 dpi

### Ink Type

LUCIA Ink (Pigment-based)

### Replacement Ink Tank

PFI-701 (700ml) or PFI-301 (330ml)

### Colors

Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow,  
Black, Matte Black, Gray

### Ink Tank Shipped with the Printer

PFI-301 x 8 Colors (Full 330ml Each Color)

### 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

iPF9000S: 640MB  
iPF8000S: 384MB

### Media Feed

### Roll Feed

One Roll, Front Loading, Front Output

### Cut Sheet

One Sheet, Front Loading, Front Output

### Media Width

Cut Sheet: 8" – 44" (iPF8000S)  
8" – 60" (iPF9000S)  
Roll Feed: 10" – 44" (iPF8000S)  
10" – 60" (iPF9000S)

### Minimum Media Length

8" (203mm)

### Maximum Print Length

### Manual Feed

63" (1.6m)

### Roll Feed

59 Feet (18m)\*

### Borderless Printing Width (Roll Media Only)

10", 14", 16", 24", 36", 42"  
B2 (20.28"/515mm), A1 (23.38"/594mm)  
A0 (33.11"/841mm), B0 (40.55"/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)

### Printable Margins

#### Manual Feed (Top/Front)

Leading and Left/Right Edges: 0.20" (5mm),  
Trailing Edge: 0.90" (23mm)

#### Roll Feed

All Sides: 0.20" (5mm) or 0" for Borderless

### Maximum Media Roll Outer Diameter

5.9" (150mm)

### Built-in Hard Disk Capacity

80GB

### 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 (Optional)†

#### Utilities

GARO Status Monitor with SMTP e-mail Printer Status  
Notification, Media Configuration Tool, Remote UI

### Printer Language

GARO (Canon Proprietary)

### Operating System<sup>■</sup>

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, FCC Class B, ENERGY STAR®, RoHS  
Directive, WEEE, Executive Order (USA)

### Operational Environment

#### Temperature

59–86 F° (15–30 C°)

#### Relative Humidity

10–80% (No Condensation)

### Dimensions with Stand (H x W x D)

iPF9000S:

45" x 90.5" x 30.2" (1144mm x 2299mm x 766mm)

iPF8000S:

45" x 74.5" x 38.4" (1144mm x 1893mm x 975mm)

### Weight with Stand

iPF9000S: Approx. 357 lb. (162kg)

iPF8000S: Approx. 309 lb. (140kg)

### User-Replaceable Items

Ink Tank PFI-301/PFI-701

Print-Head (PF-03)

Maintenance Cartridge (MC-08)

Durable Rotary Media Cutter (CT-06)

### Options

IEEE1394 Expansion Board (EB-05)

Basket (BU-01)

PosterArtist

Media Take-up Unit

iPF9000S: 2" Core Roll Holder (RH2-63)

iPF9000S: 3" Core Roll Holder (RH3-63)

iPF8000S: 2" Core Roll Holder (RH2-43)

iPF8000S: 3" Core Roll Holder (RH3-43)

\* The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2007 is 50 feet.

\*\* 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. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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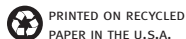
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All output images are simulated.

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