

Canon

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iPF8300S/6300S



PRODUCTION
LARGE-FORMAT PRINTING





Introducing the 44" iPF8300S and the 24" iPF6300S large-format printers.

Extremely versatile printing solutions ideal for
photography, color proofing, and production facilities.



Built for high-quality imaging and exceptional performance, the iPF8300S and iPF6300S printers achieve maximum productivity in the most demanding color environments. An excellent solution for portraits, advertisements, retail signage, and proofs, these printers produce fine details and bold color at high speeds while minimizing the total cost of operation.

NEW FEATURES

- **8-color LUCIA EX ink set**, formulated for smooth color gradations, improved scratch resistance, and reduced bronzing.
- Fast and Fast Economy Modes for **high-speed output** that **lower per-print costs**.
- New Proof Mode achieves the finest details for **crisp lines, sharp text**, and superb proofing print quality.
- Accounting Manager* **tracks and calculates printing costs** to help minimize waste and maximize profits.
- **160GB hard drive** makes it simple to handle **multiple complex jobs**, especially in shared printer environments.
- Media Configuration Tool lets users **input custom profiles**, including those for third-party media.
- **Print Plug-in for Photoshop** streamlines your workflow and allows for 16-bit image processing.
- Standard support for **Gigabit Ethernet** allows for **faster transfers** of large data volumes.

*PC Only

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ADVANTAGES

The 44" iPF8300S and 24" iPF6300S printers feature advanced printing technologies that deliver consistent, high-quality imaging while increasing overall productivity.

HIGH-QUALITY IMAGING

Produce vibrant colors and expressive tones with Canon's **8-color LUCIA EX** ink set, providing smooth color gradations and improved scratch resistance. For high-precision imaging, two advanced one-inch print-heads output a superfine 4pl ink droplet at up to a full 2400 x 1200 dpi resolution to reproduce details with exceptional accuracy and clarity. And for color proofing environments, the **new Proof Mode** brings the already excellent image quality of the imagePROGRAF printers to the next level, delivering crisp lines and sharp text.

Accurate Dot Placement



iPF8000S/iPF6000S



iPF8300S/iPF6300S

LOW COST OF OPERATION

To minimize your cost per print, Canon's Fast Print Mode produces 1200 x 1200 dpi output while **reducing ink consumption** by 10% to 20%.** For quick check plots, utilize the Fast Print Mode with the Economy print option to help reduce total ink consumption by approximately 50% on select media.** And with **Accounting Manager**,* accurately track your job data, calculate printing costs, and manage expenses.

VERSATILITY

To streamline your workflow, Canon's Media Configuration Tool opens the door to a wider selection of media options, allowing users to input custom profiles. With **built-in calibration**, ensure color consistency on that profiled media and create a stable, predictable printing platform for color reproduction. And for poster creation made simple, **PosterArtist Lite** and **Microsoft® Office Plug-in** (both PC only) give you all the tools you'll need to design and output impressive, large-format signs and banners.

MAXIMUM PRODUCTIVITY

Output an A0-sized (33.1" x 46.8") color print on coated paper in **under two minutes**.† By distributing eight colors through a 12-channel print-head, the iPF printers achieve blazing speeds and high production performance without sacrificing image quality. And a sub-ink tank system on the iPF8300S printer allows on-the-fly ink replacement to help ensure long uninterrupted print runs. Finally, **borderless printing** reduces trimming and off-line finishing requirements.

Canon's fastest graphic arts printers, the S-Series, deliver the performance and versatility you need to produce profitable, high-quality output in less time.

With four lines of imagePROGRAF solutions available, Canon has the answer for your large-format needs.

*PC only

** Compared to standard mode.

† Testing Conditions: OS (Windows XP SP2); CPU (Pentium 4 3.2GHz); RAM (1GB); Application (Adobe Photoshop 7.0); Interface (USB 2.0 Hi-Speed); Data used (ISO/JIS-SCID No.5 (bicycle chart)); Output image size (A0-sized (33.1" x 46.8")); Print Mode (Fast). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

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SPECIFICATIONS



Print-Heads

PF-05 (2)

Technology

FINE (Full-Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)

Up to 2400 x 1200 dpi

Ink Type

LUCIA EX Ink (Pigment-based)

Ink Tank

iPF8300S

PFI-304 (330ml): BK, MBK, C, M, Y, PC, PM, GY

PFI-704 (700ml): BK, MBK, C, M, Y, PC, PM, GY

iPF6300S

PFI-105 (130ml): BK, MBK, C, M, Y, PC, PM, GY

Colors

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

Ink Tank Shipped with Printer

iPF8300S: 8 Colors (Full 330ml Each Color)

iPF6300S: 8 Colors (90ml Starter Tank Each Color)

Hard Disk Capacity

160GB

Printer Memory

384MB

Media Feed

iPF8300S

Front-Loading Roll Feed: One Roll, Front Output

Front-Loading Manual Feed: One Sheet, Front Output

iPF6300S

Top-Loading Roll Feed: One Roll, Front Output

Top-Loading Manual Feed: One Sheet, Front Output

Front-Loading Manual Feed: One Sheet, Front Output

Media Width

iPF8300S

Cut Sheet: 8" – 44"

Roll Feed: 10" – 44"

iPF6300S

8" – 24" (Cut Sheet and Roll)

Minimum Media Length

iPF8300S: 8" (203mm)

iPF6300S

Top-Loading Roll Feed: 8" (203mm)

Top-Loading Manual Feed: 11.0" (279mm)

Front-Loading Manual Feed: 13.8" (350mm)

Maximum Print Length

iPF8300S

Manual Feed: 63" (1.6m)

Roll Feed: 59' (18m)*

iPF6300S

Top-Loading Roll Feed: 59' (18m)*

Top-Loading Manual Feed: 63" (1.6m)

Front-Loading Manual Feed: 36" (914mm)

Borderless Printing Widths (Roll Media Only)

iPF8300S

10"/14"/17"/24"/36"/42"/44"/B2 [20.28"/(565mm)]/

A1 [23.38"/(594mm)]/ A0 [33.11"/(841mm)]/

B0 [40.55"/(1030mm)]

iPF6300S

10"/14"/16"/17"/24"/B4 [9.84"/(250mm)]/

A2 [16.54"/(420mm)]/ B2 [20.28"/(515mm)]/

A1 [23.38"/(594mm)]

Printer Stand

Standard

Media Thickness

iPF8300S: 0.07mm - 0.8mm (2.8mil - 31.4mil)

iPF6300S

Top-Loading Manual Feed

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

Front-Loading Manual Feed

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

Top-Loading Roll Feed

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

Media Core Sizes

2" or 3" Core (with Supplied Adapter)

Printable Margins (iPF8300)

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

Printable Margins (iPF6350/6300)

Manual Feed (Top/Front)

Leading and Left/Right Edges: 0.12" (3mm)

Trailing Edge, Front Feed: 0.90" (23mm)

Trailing Edge, Top Feed: 0.12" (3mm) Except

Art Paper

Top Feed (Art Paper): 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,*** Printer Driver Extra Kit▲

(Free Layout, imageRUNNER® Linking Function),

Print Plug-in for Microsoft Office (PC only)

Applications

PosterArtist Lite (PC only)

Digital Photo Front-Access (PC only)

Utilities

imagePROGRAF Status Monitor (Windows®),

Print Monitor (Macintosh®), Media Configuration

Tool, Remote UI, Accounting Manager (PC only)

Printer Language

GARO (Canon Proprietary)

Operating System*

Windows XP (32/64 bit), Server 2003 (32/64 bit),

Server 2008 (32/64 bit), Windows Vista (32/64 bit),

Windows 7 (32/64 bit); Macintosh OS X 10.4.11 -10.6

(32 bit), OS X 10.5 -10.6 (64 bit)

Interface

Standard

USB 2.0 High-Speed

10/100/1000Base-T/XT

Acoustic Noise

iPF8300: Operation 50dB or Less

iPF6350/6300: Operation 47dB or Less

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

iPF8300S

Maximum: 190W or Less

Standby (100-120V): 5W or Less

Power Off: 1W or Less (compliant with executive order)

iPF6300S

Maximum: 100W or Less

Standby (100-120V): 6W or Less

Power Off: 1W or Less (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)

iPF8300S: 45" x 74.5" x 38.4"

iPF6300S: 39.1" x 46.4" x 34.3"

Weight

iPF8300S: Approx. 316 lb.

iPF6300S: Approx. 146 lb.

User-Replaceable Items

iPF8300S

Print-Head (PF-05)

Maintenance Cartridge (MC-08)

Durable Rotary Media Cutter (CT-06)

iPF6300S

Print-Head (PF-05)

Maintenance Cartridge (MC-16)

Options

iPF8300S

Roll Holder Set RH2-44

Take Up Unit TU-06

PosterArtist (PC Only)

iPF6300S

Roll Holder Set RH2-25

PosterArtist (PC Only)

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

** For Adobe Photoshop CS3 (32bit), CS4, CS5 running on Windows XP/Server 2003/Server 2008/Windows Vista/Windows 7 or Macintosh OS X10.4.11-10.6.

*** For Digital Photo Professional version 2.1 or later running on Windows XP/Server 2003/Server 2008/Windows Vista/Windows 7 or Macintosh OS X10.4.11-10.6.

■ For imagePROGRAF Printer Driver. 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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