

# Large Format Print Solutions ideal for Proofing, Photographic and Fine Art applications

iPF8300

**you can**

The **imagePROGRAF iPF8300** is a 44”/ A0 printer delivering superior image quality and exceptional print precision with an advanced set of features and enhanced usability.

iPF8300

44  
INCH

2,400 x  
1,200dpi

12 COLOURS

A0 GLOSS  
6 MINS 31 SECS

80GB HDD

30,720  
NOZZLES

BORDERLESS  
PRINTING

HIGH PRECISION  
PHOTO MODE

HIGH PRECISION  
TEXT / LINE MODE

## Key Features

- New Lucia EX pigment ink system and improved image processing technology delivering:
  - Wider colour gamut
  - Smoother gradation, deeper dark tones and sharper blacks
  - Improved scratch resistance and reduced bronzing
  - Higher print registration accuracy for precise text and fine lines.
- Improved software compatibility with ICC profile-based colour management systems.
- Built in colour calibration - no need for external devices.
- Enhanced Print Plug-In for Photoshop / Digital Photo Professional :
  - Support for Adobe CMM
  - Proof printing supported.
- Borderless printing up to 42” width.
- Maximise productivity - ‘Hot Swap’ ink tanks, changeable during production.
- Support for market leading medias.
- Selectable high capacity ink tanks - 330ml or 700ml.
- Manage costs and track ROI - Full accounting and job costing software included.
- Gigabit Ethernet compatible.
- User friendly.

 **imagePROGRAF**

**Canon**

# Specifications: iPF8300

Class Ink Type	44-inch Pigment inks 12 colours LUCIA EX: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B
Maximum Print Resolution	2,400 x 1,200dpi
Printing speed (A0 Roll, Full Colour Image) Plain Paper	1:58 (Draft Mode) 3:39 (Standard Mode)
Coated Paper	3:39 (Standard Mode) 7:15 (High Quality Mode)
Glossy Photo Paper	6:31 (Standard Mode) 11:11 (High Quality Mode)
Dimensions, Weight (Net) W x D x H (mm), (kg)	Main unit with Printer Stand and Basket: 1,893 (W) x 975 (D) x 1,144 (H) mm, Weight: approx. 143 kg
Dimensions, Weight (Packaged) W x D x H (mm), (kg)	Main unit: 2,080 (W) x 1,060 (D) x 867 (H) mm; Weight: approx. 170kg Printer stand and Basket : 1,795 (W) x 863 (D) x 363 (H) mm; Weight: approx.43 kg
Power Supply Input power	AC 100 - 240 V (50/60 Hz)
Power consumption Standby power consumption (At the low power mode) 220 V - 240 V 100 V - 120 V Power off (standby)	190 W or less 6 W or less 5 W or less 1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment Acoustic Noise Acoustic pressure	Temperature: 15 - 30°C, Humidity: 10 - 80% (Condensation free) Operation: 50 dB (A) or less (Glossy paper, Image, Print quality: Standard) Standby: 35 dB (A) or less (measured based on ISO7779 under the above conditions)
Acoustic power	Operation: 6.8 Bels or less (Glossy Photo paper, Image, Standard) (measured based on ISO7779 under the above conditions)
Memory Standard Memory Expansion slot Printer Language	384 MB No GARO (Graphic Arts language with Raster Operations) Job control: CPCA, Status reply: CPCA, SNMP-MIB (Standard MIB, Canon MIB) Flash ROM
Firmware Type Update Operation Panel Display Language on operation panel Displayable Language on LCD	Updated from USB, 1394, Ethernet port (Utility use) Large LCD: 160 x 128 dots, LED x 5, Key x 13 US-English, Japanese US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Japanese (Kanji)
Hard disk Interface Hi-Speed USB Type Mode Connector type Gigabit Ethernet Type Standard Protocol	2.5 inch 80GB 5400 rpm 5-ATA i/F Built-in Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer Series B (4 pins) Built in IEEE 802.3 10base-T, IEEE 802.3 100base-T / Auto-Negotiation, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3x Full Duplex IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J)), SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk
Operating Systems supported Windows Mac	2000 (32 bit), XP (32 / 64 bit), Vista (32 / 64 bit), Windows 7 (32 / 64 bit), Server 2003 (32 / 64 bit), Server 2008 (32 / 64 bit) OS X (32 / 64 bit) 10.3.9 - 10.6
<b>PRINT HEAD</b> Model Type Head configuration Nozzle pitch Nozzle per chip Droplet size Head replacement	PF-05 Bubble-jet on demand 6 colours integrated type (6 chips per print head x 2 print heads) 1,200dpi x 2 2,560 nozzles x 6 colours, 2 print heads 4 pl User replacement
<b>INK TANK</b> Model	PFI-304/704: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B

<b>CUTTER</b> Model Type Cutter durability (cuts)	Cutter Blade CT-06 Automatic horizontal cutting (Rotary cutter) 1,500 cuts (Canvas or Cloth media types)
<b>MEDIA HANDLING</b> Roll paper Cut sheet Media Type Roll paper	One roll, front-loading, front output Front loading, front output (manual feed using media locking lever) Standard Paper 80gsm, Standard Paper 90gsm, Matt Coated Paper 90gsm, Glossy Photo Quality Paper 190gsm / 240gsm / 300gsm, Satin Photo Quality Paper 190gsm / 240gsm / 300gsm, Pearl Photo Paper 260gsm, Matt Coated Paper 120gsm / 140gsm / 180gsm, Opaque White Paper 120gsm, High Resolution Self-adhesive Graphic Paper 140gsm, High Resolution Barrier Paper 180gsm, Glossy Proofing Paper 195gsm, Semi-Glossy Proofing Paper 195gsm / 255gsm, Water Resistant Art Canvas, Artistic Matte Canvas, Artistic Satin Canvas, Universal Opaque White Film, Roll-Up Film, Scrim Banner Vinyl, Scrim Banner, Adhesive Matte Vinyl, Adhesive Matt Vinyl Stretch.
Media Size Roll paper (width)	ISO: A3, A2, A1, A0 JIS: B2, B1, B0 ARCH: 24", 30", 36" Others: 10", 14", 16", 17", 42", 44"
Cut sheet	ISO: A4, A3, A3+, A2, A2+, A1, A0, B4, B3, B2, B1, B0 DIN: C4, C3, C2, C1, C0 JIS: B4, B3, B2, B1, B0 ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34", 28 x 40", 34 x 44" ARCH: 9 x 12", 12 x 18", 18 x 24", 24 x 36", 26 x 38", 27 x 39", 30 x 42", 36 x 48" Photo: 20 x 24", 18 x 22", 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size) Poster: 20 x 30", 30 x 40", 42 x 60", 44 x 62", 300 x 900mm Others: 13 x 22" Roll paper & Cut sheet: 0.07 - 0.8mm
Media Thickness Maximum Outside Diameter of Roll Paper Media Core Size Media Width	150mm Internal diameter of roll core: 2" / 3" Roll paper: 254mm - 1,117.6mm Cut sheet: 203.2 - 1,117.6mm
Minimum Printable Paper Length Maximum Printable Paper Length	203.2mm (8") Roll paper: 18m (Varies according to the OS and application) Cut sheet: 1.6m
Margins (Top, Bottom, Sides) Recommended area	Roll paper: Top: 20mm, Bottom: 5mm, Side: 5mm Cut sheet: Top: 20mm, Bottom: 23mm, Side: 5mm
Printable area	Roll paper: Top: 5mm, Bottom: 5mm, Side: 5mm Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm Cut sheet: Top: 5mm, Bottom: 23mm, Side: 5mm
Media width for Borderless printing	515mm (JIS B2), 1,030mm (JIS B0), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42", 44"
<b>OPTION</b> Media take-up unit Roll Holder set	TU-06 RH2-44
<b>CONSUMABLES</b> Ink Tank Print Head Cutter Blade Maintenance Cartridge	PFI-304 (330ml): BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B PFI-704 (700ml): BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B PF-05 CT-06 MC-08
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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.	



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