## you can
# Canon

**iPF8100 / iPF9100**
Large Format
Print Solutions

# Ideal for Photography and Fine Art

## IDEAL FOR PHOTOGRAPHY AND FINE ART

The imagePROGRAF iPF8100 and iPF9100 are 12-colour pigment ink 44"/60" large format printers delivering jaw-dropping quality, enduring prints, perfect for the Photography and Fine Art Production markets.

**Encompassing a twin print head design, the printers deliver:**

- Superb quality with 12-colour lightfast pigment inks
- 2,400 x 1,200 dpi reproduction
- Glossy A0 prints in just over 6 minutes
- Smooth colour graduation and scratch resistant prints with reduced graininess and no bronzing.

**Built-in colour calibration so no need for external devices.**

**Continuous performance thanks to ink-tank replacement during printing and selectable high capacity ink tanks 330ml or 700ml.**

**Borderless printing up to 42" for stunning photographic and fine art prints.**

**iPF8100**

*We Speak Image*

| 44 inch / 60 inch | 2,400 x 1,200dpi | 4 pl | 12 colours | Up to 31.9 sqm/hr plain paper | Up to 9.6 sqm/hr glossy paper | 30,720 nozzles | Borderless Printing | Built-in Colour Calibration |
|---|---|---|---|---|---|---|---|---|

- Automatic Skew Correction, Large LCD and ink level displays for ease-of-use.

- Intuitive software including Digital Photo Front Access and Adobe Photoshop Plug-In.

- Create head-turning posters easily with Canon's PosterArtist tool (optional) offering over 1,000 templates and images.

- 80GB HDD as standard.

| | |
|---|---|
| Class | iPF8100: 44-inch, iPF9100: 60-inch |
| Ink Type | LUCIA Pigment ink, 12 colours (MBK, BK, PC, C, PM, M, Y, R, G, B, GY, PGY) |
| Maximum Print Resolution | 2,400 x 1,200 dpi |
| Printing Speed (A0 Roll, Full Colour Image) | |
| Plain paper | 2:12 (Fast) |
| Coated Paper | 4:05 (Standard) |
| Photo Glossy Paper | 6:29 (Standard) |
| Dimensions iPF8100 (W x D x H) (mm) | Main unit with Printer Stand and Basket 1,893 x 975 x 1,144 |
| Weight | Approx. 142kg |
| Packaged Dimensions W x D x H (mm) | Main unit bundled with Printer Stand and Basket in one package (Palett included), 2,080 x 1,060 x 1,226 |
| Weight | Approx. 226 kg |
| Main unit (Palette included) | 2,080 x 1,060 x 862 mm; |
| Weight | Approx. 175 kg |
| Stand and Basket | 1,795 x 863 x 363 mm; |
| Weight | Approx. 43 kg |
| Dimensions iPF9100 (W x D x H mm) | Main unit with Printer Stand and Take-Up Unit 2,299 x 766 x 1,144 |
| Weight | Approx. 164 kg |
| Packaged Dimensions (W x D x H mm) | Main unit and Printer Stand in one package (Palett included) 2,490 x 1,060 x 1,242 |
| Weight | Approx. 248 kg |
| Power Supply | |
| Input power | AC 100 - 240 V (50/60 Hz) |
| Power consumption | 190 W or less |
| Standby power consumption (At the low power mode) | 100 V - 120 V - 5 W or less (when IEEE1394 is mounted, 10 W or less) 220 V - 240 V - 6 W or less (when IEEE1394 is mounted, 11 W or less) |
| Power off (standby) | 1 W or less (In compliance with Executive Order of the President of the United States of America) |
| Operational Environment Temperature | 15 - 30ºC, Humidity: 10 - 80 % (Condensation free) |
| Acoustic Noise Acoustic pressure | iPF8100: Operation: 50 dB (A) or less, Standby: 35 dB (A) or less iPF9100: Operation: 51 dB (A) or less, Standby: 35 dB (A) or less |
| Acoustic power | iPF8100: Operation: 6.6 Bels or less iPF9100: Operation: 6.7 Bels or less |
| Operation Panel Display | Large LCD: 160 x 128 dots, Key x 12, LED x 6 |
| Language on operation panel | US-English |
| Displayable Language on LCD | US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji) |
| Hard Disk | 80GB |
| Printer Language | GARO |
| Interface | |
| USB2.0 | Hi-Speed |
| Type | Built-in |
| Mode | Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer |
| Connector type | Series B (4 pins) |
| Ethernet | |
| Type | Built-in |
| Standard | IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3 x Full Duplex |
| Protocol | IPX/SPX (Netware 3.2(J), 4.1 (J), 4.11(J), 4.2(J), 5.0(J), 5.1(J) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk |
| IEEE1394 (Option) | |
| Type | Slot card type |
| Standard | IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial |
| Data-transfer time | 100 / 200 / 400 Mbit/sec. |
| Connector type | In compliance with IEEE1394 - 1995, 6 pins, No power supply |
| Operating Systems supported | Windows 2000, XP, Server 2003, Vista / Macintosh OS 9, OS X |
| Regulations | CE Mark, CB Certification, TUV (GS), Gost-R, UL, FCC class B |

| **PRINT HEAD** | |
|---|---|
| Model | PF-03 |
| Type | Bubble-jet on demand |
| Head configuration | 6 colors integrated type (6 chips per print head x 2 print heads) |
| Nozzle pitch | 1,200 dpi x 2 |
| Nozzle per chip | 2,560 nozzles per color |
| Droplet size | 4 pl per color |

| **INK TANK** | |
|---|---|
| Model | PFI-301 (330ml) / PFI-701 (700ml) PC, C, PM, M, Y, R, G, B |
| Model | PFI-302 (330ml) / PFI-702 (700ml) MBK, BK, GY, PGY |

| **MEDIA HANDLING** | |
|---|---|
| Roll paper | One Roll, Front-loading, Front Output |
| Cut sheet | Front-loading, Front Output (Manual feed using media locking lever) |
| Media type | |
| Roll paper | Standard Paper 80gsm/90gsm, Matt Coated Paper 90gsm/ 120gsm/140gsm, Extra Matt Coated Paper 180gsm, Opaque Paper 120gsm, High Resolution Graphic Paper – Self Adhesive 140gsm, High Resolution Barrier Paper 180gsm, Glossy Photo Paper 190gsm/240gsm, Satin Photo Paper 190gsm/240gsm, Inst Dry Paper Glossy 200gsm, Inst Dry Paper Satin 200gsm, Photo Paper High Gloss 255gsm, Photo Paper Semi Matt 255gsm, Photo Paper Pearl 260gsm, Photo Realistic Paper 210gsm, Heavy Weight Glossy Photo Paper 300gsm, Heavy Weight Satin Photo Paper 300gsm, Commercial Proofing Paper 200gsm, Commercial RC Proofing Paper 210gsm/270gsm, Glossy Proofing Paper 195gsm, Semi glossy Proofing Paper 195gsm/255gsm, Art Paper Extra Smooth 250gsm, Prem Art Paper Embossed 225gsm, Prem Art Paper Smooth 225gsm, Scrim Banner, Backlit Film, Universal Opaque Film, Roll-Up Film, Water Resistant Art Canvas, Flame-Resistant Cloth, Adhesive Matt Stretch Vinyl. |
| Media Size Roll paper (width) | ISO: A3, A2, A1, A0, JIS: B2, B0, ARCH: 24", 30", 36" Others: 10", 14", 16", 17", 42", 44", iPF9100: 50", 54:, 60" |
| Cut sheet | ISO: A4, A3, A3+, 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 900 mm, Others: 13 x 22" |
| Media Thickness | Roll paper & Cut sheet: 0.07 - 0.8 mm |
| Maximum Outside Diameter of Roll Paper | 150.0 mm |
| Media Core Size | Internal diameter of roll core: 2" / 3" (Option) |
| Media Width | iPF8100:   Roll paper: 254 - 1,118 mm  Cut sheet: 203.2 - 1,117.6 mm  iPF9100:   Roll paper: 254 - 1,524 mm  Cut sheet: 203.2 - 1,524 mm |
| Minimal Printable Paper Length | 203.2 mm |
| Maximum Printable Paper Length | Roll paper: 18 m (Varies according to the OS and application) |
| Cut sheet | 1.6 m |
| Margins (Top, Bottom, Sides) Recommended area | Roll paper: Top: 20 mm, Bottom: 5 mm, Side: 7 mm Cut sheet: Top: 20 mm, Bottom: 23 mm, Side: 7 mm |
| Printable area | Roll paper: Top: 5 mm, Bottom: 5 mm, Side: 5 mm Roll paper (borderless print): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 5 mm, Bottom: 23 mm, Side: 5 mm |
| Media width for borderless printing | 515 mm (JIS B2), 1,030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 16", 24", 36", 42" |

| **OPTION** | |
|---|---|
| Basket, iPF9100 | BU-01 |
| Media Take-up Unit, iPF8100 | TU-06 |
| Roll Holder Set (2-inch core spindle) | iPF8100, RH2-42 iPF9100, RH2-63 |
| Roll Holder Set (3-inch core spindle) | iPF8100, RH3-42 iPF9100, RH3-63 |
| IEEE1394 Expansion Board | EB-05 |
| Printer stand | iBF8100 ST-43 |

| **CONSUMABLES** | |
|---|---|
| Ink Tank | PFI-301 (330 ml), PFI-701 (700 ml); PC, C, PM, M, Y, R, G, B |
| Ink Tank | PFI-302 (330 ml), PFI-702 (700 ml); MBK, BK, GY, PGY |
| Print Head | PF-03 |
| Cutter Blade | CT-06 |
| Maintenance Cartridge | 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.



**imagePROGRAF**  **:::FINE** Full photography Inkjet Nozzle Engineering  **LUCIA ink**  **L·COA**  **Kyuanos**

Superior print quality only comes with Canon ink and media.