

imagePROGRAF iPF8000

12-ink large format printer

Never ending colour and size



The revolutionary imagePROGRAF iPF8000 produces 44-inch wide photographic prints that you'll be hard pressed to tell from the original - in the kind of natural, glorious colour that can only be achieved with Canon's unique twelve-ink printing system. Even better, it prints up to four times faster than comparable printers.

The addition of red, green, blue, grey and photo-grey to the standard ink set produces a wider colour gamut for precise reproduction, as well as better colour shifts and consistency.

Canon's latest Lucia pigment inks offer excellent colour stability and fastness, with durability that ensures your work will last. Canon's patented FINE technology produces a droplet size of only four picolitres, so delicate colour graduations are reproduced beautifully.

For convenience, the iPF8000 has both matte and photo blacks loaded, eliminating the waste of swapping blacks for different media. It switches between the two automatically.

What's more, an innovative twin high-density print-head design with 30,720 individual nozzles prints an A0 size photographic print in under seven minutes*. So if you're looking for super quality prints super fast, take a close look at the imagePROGRAF iPF8000.

- Prints up to 44-inches wide
- Unique 12-ink printing system
- High-quality Lucia pigment inks
- Four picolitre ink droplet size
- Twin high-density print-head design
- Prints an A0 photographic print in under seven minutes*

Canon
advanced simplicity®

imagePROGRAF iPF8000

MODEL	CANON LARGE FORMAT PRINTER iPF8000
Class:	44-inch
Ink Type:	Pigment ink, 12 colours (MBK, BK, C, PC, M, PM, Y, R, B, G, GY, PGY)
Printer stand:	Standard, assembly type (bundled with all models regardless of delivery area)
Dimensions (W x D x H):	Main unit with printer stand: 1,893 x 975 x 1,144 mm
Weight:	Approx. 111 kg (Incl. roll holder set, excl. ink and print head)
Operational environment:	Temperature: 15 – 30°C, Humidity: 10 – 80 % (Condensation free)
Standard memory:	384 MB
POWER SUPPLY	
Input power:	AC 100 – 240 V (50/60 Hz)
Power consumption:	160 W or less
Power off (standby):	1 W or less
DETECTOR AND ADJUSTMENT:	
Registration adjustment:	Automatic / Manual
Banding adjustment:	Automatic / Manual
Line length adjustment:	Manual
Colour calibration:	Yes
Head gap adjustment:	Automatic / Manual (5 levels)
Non-firing detection:	Yes
Non-firing compensation:	Yes
Roll media remaining detection function:	Yes
FIRMWARE	
Printer language:	GARO (Graphic Arts language with Raster Operations)
Status reply language:	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type:	Flash ROM
Update:	Updated from USB, 1394, Ethernet port (Utility use)
OPERATION PANEL	
Display:	Large LCD: 160 x 128 dots, LED x 5, Key x 12
Languages on operational panel:	US-English & Japanese
Displayable languages on LCD:	US-English, French, German, Italian, Spanish & Japanese (Kanji)
INTERFACE – USB 2.0 Hi-Speed	
Type:	Built-in
Mode:	Full / high speed (12 / 480 Mbit/sec respectively), bulk transfer
Connector type:	Series B (4 pins)
INTERFACE – 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
INTERFACE – IEEE 1394	
Type:	Slot card type (optional)
Option:	IEEE1394 – 1995, P1394a (Based on Draft 2.0), 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
Expansion slot:	One
PRINT HEAD	
Model:	PF-02
Type:	Bubble-jet on demand
Head configuration:	6 colours integrated type (6 chips per print head x 2 print heads, pigment-ink type)
Resolution:	2,400 x 1,200 dpi
Nozzle per chip:	2,560 nozzles per chip
Droplet size:	4 pl per colour
Head replacement:	User replacement
INK TANK	
Model:	PFI-301 (330 ml) / PFI-701 (700 ml)
Supply:	Tubing system (with sub-tank)

Colours:	Pigment ink, 12 colours (Matte Black, Photo Black, Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Red, Blue, Green, Grey, Photo Grey)
Capacity:	330 ml / 700 ml
Level detection:	Detected by dot count and electrode (Empty)
Smart chip:	Each ink tank equipped with EEPROM – stores its ink level
CUTTER	
Model:	CT-06
Type:	Automatic horizontal cutting (rotary cutter)
Cutter durability (cuts):	20,000 cuts for A0-size media (1,500 cuts canvas, semi-glossy & fabric banner)
Replacement:	User replacement
MEDIA FEED & OUTPUT	
Roll paper (auto roll feed unit option):	One roll, front-loading, front output
Cut sheet:	Front-loading, front output (manual feed – media locking lever)
Paper path switch:	Manually switchable by user
Delivery direction:	Face-up, front side
MEDIA SIZE	
Roll paper (width):	ISO (A3, A2, A1, A0); JIS (B2, B0); Arch (24, 30, 36"); Others (10, 14, 16, 17, 42, 44")
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", 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") Others (13 x 22")
Media width:	203.2 – 1,524 mm
Max. printable paper length:	Roll paper: 18.0 m; cut sheet: 1.6 m
MEDIA THICKNESS	
Roll:	0.07 – 0.80 mm
Cut sheet:	150.0 mm
Media core size:	Internal diameter of roll core: 2" / 3" (optional)
MARGINS	
Quality-assured area:	Roll paper & cut sheet: Top: 20 mm; bottom: 23 mm; side: 5 mm
Printable area – Roll paper:	Top: 5 mm; bottom: 5 mm; side: 5 mm
Printable area – Cut sheet:	Top: 5 mm; bottom: 23 mm; side: 5 mm
BORDERLESS PRINTING – MEDIA TYPE	
Heavyweight Coated Paper, Extra Heavyweight Coated Paper, Premium Matte Paper, Glossy Photo Paper, Semi-Glossy Photo Paper, Heavyweight Glossy Photo Paper, Heavyweight SemiGros Paper, *Flame-Resistant Cloth, *Fabric Banner, *Thin Fabric Banner, Fine Art Photo, Fine Art Heavyweight Photo, Fine Art Textured, Fine Art Block Print, Fine Art Watercolor, Canvas Matte (For the above media marked *, left and right borderless printing)	
BORDERLESS PRINTING – MEDIA WIDTH	
515 mm (JIS B2), 1,030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 16", 24", 36", 42"	
REGULATIONS	
Electrical safety regulations (Aust): AS Electromagnetic interface regulations (Aust): C-tick	
ENVIRONMENT CERTIFICATIONS	
ENERGY STAR (WW), RoHS directive, IT ECO Declaration (Europe), WEEE, Executive Order of the President of the United States of America	
OPTIONAL	
Roll Holder Set (60-inch width, 2-inch core spindle): RH2-43 Roll Holder Set (60-inch width, 3-inch core spindle): RH3-43 Media take up unit (TU-06) Basket: BU-01 IEEE1394 Expansion Board: EB-05	
CONSUMABLES	
Ink Tank (330 ml):	PFI-301 (MBK, BK, PC, C, PM, M, Y, R, G, B, GY, PGY)
Ink Tank (700 ml):	PFI-701 (MBK, BK, PC, C, PM, M, Y, R, G, B, GY, PGY)
Print Head:	PF-01
Cutter Blade:	CT-06
Maintenance Cartridge:	MC-08

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