

# VERSATILITY THAT **GROWS** WITH YOUR *BUSINESS*

imagePROGRAF iPF830

## The imagePROGRAF iPF830 Large Format Printer for CAD and graphics

Now you can produce consistently impressive quality output up to 44" (B0) with speed and precision. This versatile, easy-to-use model offers a range of clever features designed to enhance productivity for an excellent return on your investment.

### At a glance

- 44 inch
- 2400 x 1200dpi
- Min line width 0.02mm
- 5 colour reactive ink
- 4pl ink droplet
- Borderless printing
- Economy printing mode



imagePROGRAF



#### Poster Artist

Design and print your own posters and signs with ease



#### Direct Print & Share

Canon propriety utility to allow sharing and printing of documents with minimal training and user experience



#### Front Loading Media

Space saving design with convenient operation and easy to use



#### Sub-ink tank system

Ink can be changed without interrupting a print job



#### Accounting Manager

Software helps keep track of printing costs

**Canon**

*no one sees print like you*

# imagePROGRAF iPF830 Specifications



Item	Specification
Model	iPF830
Class	44-inch
Ink Type	Dye and pigment reactive ink
Maximum Print Resolution	2400 × 1200dpi
<b>Dimensions, Weight (Net) W x D x H (mm), (Kg)</b>	
Main unit + Printer Stand (with a basket open)	Main unit and Printer Stand 1893(W) x 975(D) x 1144(H)mm Weight: approx.138kg (roll holder included, no inks, no print heads)
Main unit (with a printer stand, and palette included)	2080mm(W) x 1060mm(D) x 1220mm(H) Weight: approx. 174kg
<b>Power Supply</b>	
Input power	AC 100-240V (50-60Hz)
Operation Power consumption	190W or less
Standby power consumption (At the low power mode)	5.0W or less
Default setting for the time to enter the Sleep mode	approx. 5min
Power off (standby)	0.5W or less
<b>Operational Environment</b>	
Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
<b>Acoustic Noise</b>	
Acoustic pressure	Operation: 52dB (A) or less Standby: 35dB (A) or less Measured in the above conditions, based on ISO 7779
Acoustic power (LWA <i>a</i> )	Operation: 6.8 Bels or less Measurement Conditions: Plain paper, standard mode (1pass/25ips) / Normal temperature and normal humidity
<b>Minimal Line Width</b>	
0.02mm (Theoretical value)	
<b>Line Accuracy</b>	
±0.1 % or less User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only	
<b>Detector and Adjustment</b>	
Registration adjustment	Automatic / Manual
Banding adjustment (Line Feed adjustment)	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	Automatic / Manual
Colour calibration	No
Head gap adjustment	Automatic / Manual (5 levels)
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
<b>Memory</b>	
Standard memory	32GB (512 Mbyte )
Expansion slot	No
<b>Firmware</b>	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, Ethernet port (Utility use)
<b>Operation Panel</b>	
Display	Large LCD: 160 x 128 dots; Key x 13, LED x 5
Language on operation panel	US-English, Japanese
Languages	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Russian, Brazilian portuguese language, Japanese (Kanji)
<b>Hard Disk Drive</b>	
320GB	
<b>Interface</b>	
USB - Type	Built-in
USB - Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
USB - Connector Type	Series B (4 pins)
Ethernet - Type	Built-in
Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3x Full Duplex, IEEE 802.3az EEE
Ethernet - Protocol	SNMP (Canon-MIB supported), HTTP, TCP/IP (IPv4/IPv6)

<b>Expansion Slot</b>		
No		
<b>Cutter</b>		
Type	Standard: Automatic horizontal cutting (Rotary cutter)	
<b>Media Handling</b>		
Media Feed and Output - Roll paper	One Roll, top loading, front output	
Media Feed and Output - Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)	
Media Feed and Output - Paper path switch (roll/cut sheet)	Manually switchable by user	
Delivery Direction	Face-up, front side	
Media Take-up Unit	Optional	
Maximum stacking number of delivered prints	1 Sheet	
Media Thickness - Roll paper	0.07 - 0.8mm	
Media Thickness - Cut sheet	0.07 - 0.8mm	
Maximum Outside Diameter of Roll Paper	150mm or less	
Media Core Size	Internal diameter of roll core: 2" / 3"	
Media Width - Roll paper	254 - 1118mm	
Media Width - Cut sheet	203 - 1118mm	
Minimum Regular Format Size	203mm	
Maximum Printable Paper Length - Roll paper	18m (Varies according to the OS and application)	
Maximum Printable Paper Length - Cut sheet	1.6m	
Margins Recommended area - Roll paper	Top: 20mm, Bottom: 5mm, Side: 5mm	
Margins Recommended area - Cut sheet	Top: 20mm, Bottom: 23mm, Side: 5mm	
Margins Printable area - Roll paper	Top: 3mm, Bottom: 3mm, Side: 3mm	
Margins Printable area - Roll paper (borderless printing)	Top: 0mm, Bottom: 0mm, Side: 0mm	
Margins Printable area - Cut sheet	Top: 3mm, Bottom: 23mm, Side: 3mm	
Borderless Printing - Media width	515mm (JIS B2), 1,030mm (JIS B0), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42"	
Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	RCM	RCM
New Zealand		RCM
<b>Environment certifications</b>		
ENERGY STAR, RoHS directive		
<b>Option</b>		
Roll Holder Set (for both 2-inch and 3-inch core roll media)	RH2-44	
Stand / Basket	portable basket BU-03	
Media Take-up Unit	TU-06	
<b>Consumables</b>		
Ink Tank	PFI-307 BK/MBK/C/M/Y (330ml) PFI-707 BK/MBK/C/M/Y (700ml)	
Ink Tank - Supply	Tubing system (supplies ink from independent ink tanks set in the printer through tubes)	
Ink Tank - Colours	Black / Matte Black / Cyan / Magenta / Yellow	
Starter - Starter	330ml per colour	
Sales - Sales	700ml or 330 per colour	
Level detection	Detected by dot count and electrode (Empty)	
Smart chip	Each ink tank is equipped with EEPROM which stores its ink level.	
Print Head - Model	PF-04	
Print Head - Type	Bubble-jet on demand	
Print Head - Head configuration	6 colours integrated type (6 chips per print head x 1 print head)	
Print Head - Nozzle pitch	1,200dpi x 2	
Print Head - Nozzle per chip	MBK: 5, 120 nozzles, each other colour: 2,560 nozzles	
Print Head - Droplet size	Minimum 4pl	
Maintenance Cartridge	MC-10 / MC-09	



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