

imagePROGRAF iPF830



Large Format Print Solutions for CAD/GIS, Poster & Production printing

The imagePROGRAF iPF830 is a 44" printer delivering class leading productivity, exceptional quality, accuracy and an advanced set of features to ensure an excellent return on investment.



Key features:

- Continuous productivity with high capacity 330 ml and 700 ml "hot swap" ink tanks - replaceable during production
- Clear drawings and more vibrant posters with latest magenta ink
- Highly accurate with 0.02 mm minimum line width and +/-0.1 % line accuracy
- Improved device management and security for large workgroups with eMaintenance connectivity, locking control panel and SNMPv3 protocol
- Easily print PDF, TIFF, JPEG and HP-GL/2 files, from general graphics to CAD and GIS drawings, with bundled Direct Print & Share Utility
- Create powerful large format posters with ease using the bundled PosterArtist Lite software and Print Plug-in for Microsoft Office
- Easy printing from an iPad of PDF, JPEG and PNG data with Canon's especially designed free application - imagePROGRAF Print Utility for iPad
- Intuitively create, print and manage jobs with Océ Publisher Select (autumn 2015) - productive, Windows based, large format printer job submission software
- HP-GL/2 and HP-RTL compatible

iPF830

44
INCH

SINGLE ROLL

2,400 X 1,200 DPI

5 COLOURS WITH
NEW MAGENTA

A0 42 SECONDS

A1 22 SECONDS

15,360 NOZZLES

320 GB HDD

ECONOMY PRINTING
MODE

BORDERLESS
PRINTING

Canon

TECHNOLOGY

Printer Type	5 Colour - 44"/117.6 mm
Print Technology	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
Number of Nozzles	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each colour
Print Resolution	2,400 x 1,200 dpi
Nozzle Pitch	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system
Guaranteed Minimum Line Width	0.02 mm
Line Accuracy	±0.1% or less
Ink Droplet Size	4 Picoliter per colour
Ink Capacity	Bundled Starter Ink: 330 ml Sales ink: 330 ml or 700 ml
Ink Type	Dye/Pigment Reactive Ink Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black
OS Compatibility	Windows 32 bit - XP, Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008 Windows 64 bit - Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008/2008R2, Server 2012/2012R2 Mac: OSX - 10.6.8 - 10.10.x
Printer Languages	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
Standard Interfaces	USB 2.0 High-Speed Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer IEEE 802.3 10base-T IEEE 802.3u 100base-TX/Auto-Negotiation IEEE 802.3ab 100base-T/Auto-Negotiation IEEE 802.3x Full Duplex IEEE 802.3az EEE
Standard Memory	32 GB (512 Mbyte)
Hard Drive	320 GB
Software Included	Canon Printer Driver, Status Monitor / Print Monitor, ExtraKit - Free Layout and iR enlargement Copy, Printer Driver Optimization Module for AutoCAD, Media Configuration Tool, PosterArtist Lite (PC only), Print Plug-in for Microsoft® Word / Excel / PowerPoint (PC only) Direct Print & Share utility, Custom Installer Creation Tool

PRINT SPEED

AO Size, Plain Paper	0:42 min (Fast Economy Mode) 0:45 min (Fast Mode) 1:12 min (Standard Mode)
AO Size, Coated Paper	1:12 min (Fast Mode) 2:19 min (Standard Mode) 3:37 min (High Quality Mode)

PAPER HANDLING

Media Feed and Output	Roll: One Roll, front loading, front output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
Paper path switch (roll/cut sheet)	Manually switchable by user
Delivery direction	Face-up, front side
Media Take-up Unit	Option
Media Width	Roll Paper: 254 - 1118 mm Manual Feed Cut Sheet: 203 - 1118 mm
Media Thickness	Roll Unit: 0.07 - 0.8 mm Front Loading Manual Feed: 0.07 - 0.8 mm
Maximum Printable Length	Roll: 18 m (varies according to the OS and application) Cut Sheet: 1.6 m

Maximum Media Roll Diameter	150.0 mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Margins Recommended area	Roll Paper: Top: 20 mm, Bottom: 5 mm, Side: 5 mm Cut Sheet: Top: 20 mm, Bottom: 23 mm, Side: 5 mm
Margins Printable area	Roll Paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll Paper (Borderless Printing): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut Sheet: Top: 3 mm, Bottom: 23 mm, Side: 3 mm

Borderless Printing Width (Roll Only)

DIMENSIONS AND WEIGHT

Physical Dimensions, Weight (Net)	Main unit and Printer Stand (with basket open) 1893 (W) x 975 (D) x 1144 (H) mm
W x D x H (mm), (Kg)	138 kg Approximately (roll holder included, no inks, no print heads)
Physical Dimensions, Weight (Packaged)	Main unit (with a printer stand, and palette and packaging included) 2080 (W) x 1060 (D) x 1220 (H) mm
W x D x H (mm), (Kg)	174 kg Approximately

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 190 W or less Standby power consumption (At the low power mode): 5W or less Default setting for the time to enter the Sleep mode: Approx. 5 Minutes Power Off Standby: 0.5 W or less (Corresponds to LOT6)
Operating Environment	15 - 30°C, 10 - 80 % (Condensation free)

Acoustic Noise (Power/Pressure LWA d)

Operating Environment	Operation: 52 dB (A) or less Standby: 35 dB (A) or less Measured in the above conditions, based on ISO 7779 Operation: 6.8 Bels or less Measurement Conditions: Plain paper, standard mode (1pass/25ips) / Normal temperature and normal humidity
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Europe: CE mark, Germany: TUV, Russia: EAC, Other Countries: CB Certification

ENERGY STAR, RoHS directive

REGULATIONS

What's in the Box?

1 print head, 1 set of starter ink tanks, 3 inch core adapters, Set up guide, User software CD-ROM (Mac & Win), A2 calibration sheet, PosterArtist Lite software CD-ROM, Announcement of LFP Survey Program, EAC leaflet, Quick guide, PRINTER STAND, Product security /environmental regulation manual, Printer Stand Setup Guide. EU/UK Power cord

OPTIONS

Optional Items	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 (TU-06 cannot be used with Basket BU-03 at the same time)
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CONSUMABLES

User Replaceable Items

Ink Tanks:
PFI-307 BK / MBK / C / M / Y (330 ml)
PFI-707 BK / MBK / C / M / Y (700 ml)
Print Head: PF-04
Maintenance Cartridge: MC-10

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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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