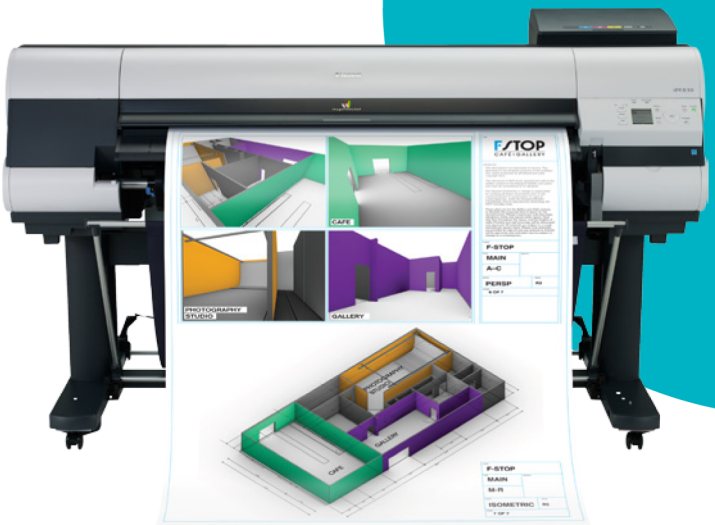
imagePROGRAF iPF830

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

Specifications

imagePROGRAF iPF830

TECHNOLOGY

Printer Type	5 Colour - 44"/1117.6 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 Compatability	**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 1000base-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

A0 Size, Plain Paper	0:42 min (Fast Economy Mode) 0:45 min (Fast Mode) 1:12 min (Standard Mode)
A0 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)	1,030 mm (JIS B0), 841 mm (ISO A0), 594 mm (ISO A1), 515 mm (JIS B2), 42", 36", 24", 17", 14", 10"

DIMENSIONS AND WEIGHT

Physical Dimensions, Weight (Net) W x D x H (mm), (Kg)	Main unit and Printer Stand (with basket open) 1893 (W) x 975 (D) x 1144 (H) mm 138 kg Approximately (roll holder included, no inks, no print heads)
Physical Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	Main unit (with a printer stand, and palette and packaging included) 2080 (W) x 1060 (D) x 1220 (H) mm 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)
Accoustic Noise (Power/ Pressure LWA d)	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
Regulations	Europe: CE mark, Germany: TUV, Russia: EAC, Other Countries: CB Certification
Enviroment Certificates	ENERGY STAR, RoHS directive

WHAT'S INCLUDED

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, Annoucement 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)

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.

imagePROGRAF

FINE Full-photolithography Inkjet Nozzle Engineering

L-COA

PosterArtist

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