

# 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

<b>Printer Type</b>	5 Colour - 44"/117.6 mm
<b>Print Technology</b>	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
<b>Number of Nozzles</b>	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each colour
<b>Print Resolution</b>	2,400 x 1,200 dpi
<b>Nozzle Pitch</b>	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system
<b>Guaranteed Minimum Line Width</b>	0.02 mm
<b>Line Accuracy</b>	±0.1% or less
<b>Ink Droplet Size</b>	4 Picoliter per colour
<b>Ink Capacity</b>	Bundled Starter Ink: 330 ml Sales ink: 330 ml or 700 ml
<b>Ink Type</b>	Dye/Pigment Reactive Ink Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black
<b>OS Compatibility</b>	<b>Windows 32 bit</b> - XP, Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008 <b>Windows 64 bit</b> - Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008/2008R2, Server 2012/2012R2 <b>Mac: OS X</b> - 10.6.8 - 10.10.x
<b>Printer Languages</b>	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
<b>Standard Interfaces</b>	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
<b>Standard Memory</b>	32 GB ( 512 Mbyte )
<b>Hard Drive</b>	320 GB
<b>Software Included</b>	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

<b>A0 Size, Plain Paper</b>	0:42 min (Fast Economy Mode) 0:45 min (Fast Mode) 1:12 min (Standard Mode)
<b>A0 Size, Coated Paper</b>	1:12 min (Fast Mode) 2:19 min (Standard Mode) 3:37 min (High Quality Mode)

## PAPER HANDLING

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

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

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

## POWER AND OPERATING REQUIREMENTS

<b>Power Supply</b>	AC 100-240V (50-60Hz)
<b>Power Consumption</b>	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)
<b>Operating Environment</b>	15 - 30°C, 10 - 80 % (Condensation free)

## Acoustic Noise (Power/Pressure LWA d)

<b>Acoustic Noise (Power/Pressure LWA d)</b>	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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## Regulations

<b>Regulations</b>	Europe: CE mark, Germany: TUV, Russia: EAC, Other Countries: CB Certification
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## Environment Certificates

ENERGY STAR, RoHS directive

## WHAT'S INCLUDED

<b>What's in the Box?</b>	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
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## OPTIONS

<b>Optional Items</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 (TU-06 cannot be used with Basket BU-03 at the same time)
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## CONSUMABLES

### User Replaceable Items

<b>User Replaceable Items</b>	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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