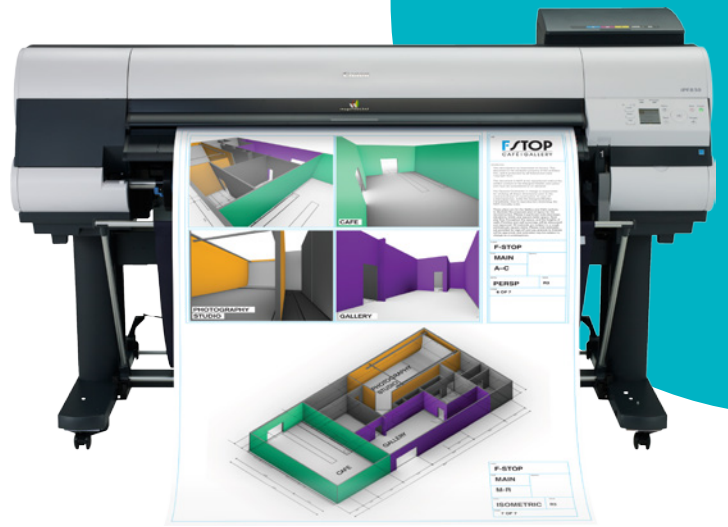


# imagePROGRAF iPF830

## 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<br>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<br>Sales ink: 330 ml or 700 ml   |
| <b>Ink Type</b>                      | Dye/Pigment Reactive Ink<br>Dye: Cyan, Magenta, Yellow, Black<br>Pigment: Matte Black  |
| <b>OS Compatibility</b>              | <b>Windows 32 bit</b> - XP, Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008<br><b>Windows 64 bit</b> - Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008/2008R2, Server 2012/2012R2<br><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<br>IEEE 802.3 10base-T<br>IEEE 802.3u 100base-TX/Auto-Negotiation<br>IEEE 802.3ab 100base-T/Auto-Negotiation<br>IEEE 802.3x Full Duplex<br>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>AO Size, Plain Paper</b>  | 0:42 min (Fast Economy Mode)<br>0:45 min (Fast Mode)<br>1:12 min (Standard Mode) |
| <b>AO Size, Coated Paper</b> | 1:12 min (Fast Mode)<br>2:19 min (Standard Mode)<br>3:37 min (High Quality Mode) |

## PAPER HANDLING

|   |   |
|---|---|
| <b>Media Feed and Output</b>              | Roll: One Roll, front loading, front output<br>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<br>Manual Feed Cut Sheet: 203 - 1118 mm   |
| <b>Media Thickness</b>                    | Roll Unit: 0.07 - 0.8 mm<br>Front Loading Manual Feed: 0.07 - 0.8 mm  |
| <b>Maximum Printable Length</b>           | Roll: 18 m (varies according to the OS and application)<br>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<br>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<br>Roll Paper (Borderless Printing): Top: 0 mm, Bottom: 0 mm, Side: 0 mm<br>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)<br>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)<br>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<br>Standby power consumption (At the low power mode): 5W or less<br>Default setting for the time to enter the Sleep mode: Approx. 5 Minutes<br>Power Off Standby: 0.5 W or less (Corresponds to LOT6) |
| <b>Operating Environment</b> | 15 - 30°C, 10 - 80 % (Condensation free)   |

|  |  |
|--|--|
| <b>Acoustic Noise (Power/Pressure LWA d)</b> | Operation: 52 dB (A) or less<br>Standby: 35 dB (A) or less<br>Measured in the above conditions, based on ISO 7779<br>Operation: 6.8 Bels or less<br>Measurement Conditions : Plain paper, standard mode (1pass/25ips) / Normal temperature and normal humidity |
|--|--|

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

## OPTIONS

|                       |  |
|-----------------------|--|
| <b>Optional Items</b> | Roll Holder Set (for both 2-inch and 3-inch core roll media): RH2-44<br>Stand / Basket: portable basket BU-03<br>Media Take-up Unit: TU-06 (TU-06 cannot be used with Basket BU-03 at the same time) |
|-----------------------|--|

## CONSUMABLES

|                               |   |
|-------------------------------|---|
| <b>User Replaceable Items</b> | Ink Tanks:<br>PFI-307 BK / MBK / C / M / Y (330 ml)<br>PFI-707 BK / MBK / C / M / Y (700 ml)<br>Print Head: PF-04<br>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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