



## Canon imagePROGRAF® iPF815 / iPF825 printer

# Just print quality



### Fast and high quality, wide format CAD printer for technical workgroups

Now you can efficiently print your highly detailed, CAD drawings, maps and full color renderings with professional quality, right in your office. The 1 or 2 roll Canon imagePROGRAF iPF815/iPF825 printers produce the best quality, large format CAD prints in their class. Crisp clear details printed at high speed to improve projects and impress your clients.

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#### Crisp quality prints

Engineered for quality and speed, this advanced 2 roll (iPF825) 44", five-color inkjet system is ideal for technical workgroup environments. Get crisp quality prints with flawless area fills and razor sharp details and lines down to 0.02 mm. Thanks to the matte black pigmented ink, it is possible to print very accurate lines on uncoated media which reduces your overall print costs.

These systems deliver the highest print quality in this segment - at 2400 x 1200 dpi resolution - for printing complex full-color renderings, GIS maps, as well as CAD, drawings and documents.

#### Clear operation

The intuitive control panel is easy to use without extensive training. Ink tanks and media can be easily accessed from the front. With the built-in 160 GB hard drive, you can offload large files from your computer, store and print your files with the touch of a button.

Both printers are equipped with up to 29 password-protected user in-boxes to safeguard access to confidential information. Using the in-box, users can pull up documents at the printer and produce them on the spot. Intuitive printer drivers are available for both Windows® and Macintosh® operating environments.

#### Quick results

Take advantage of fast print speeds to get your work out the door without delays. These systems print a crisp quality A1 color plot in 24 seconds and up to 120 A1 plots per hour. You can print an A0 plot in just 45 seconds, all driven by the superfast L-COA (Large-format printer COmmon Architecture) image processor.

Other time-savers include two front loading media rolls (iPF825) and high capacity ink tanks. Thanks to the sub ink tank systems, you can replace ink tanks on-the-fly for continuous printing.



<b>General</b>	
Description	
Ink type	
Speed	
Configurations	
<b>Printer</b>	
Print resolution	
Minimal line width	
Line accuracy	
Operator panel	
Languages operator panel	
<b>Printhead</b>	
Model	
Type	
Configuration	
Nozzle pitch	
Nozzle per chip	
Droplet size	
<b>Media handling</b>	
Paper capacity	
Media thickness	
Maximum roll diameter	
Media core size	
Output sizes width	
Output sizes length	
Margins	
Media width (borderless printing)	
Media type (www.mediaguide.oce.com)	
<b>Options</b>	
Media take-up unit	
Portable media basket	
Roll holder set	
<b>Environmental data</b>	
Dimensions (WxDxH)	
Weight	
Ambient temperature - High quality mode	
Humidity	
Sound pressure	
Sound power (active mode)	
Power requirements (V/Hz/A)	
Power consumption	
<b>Controller</b>	
Memory	
Hard drive	
Page description language	

44-inch productive wide format color printing system
Dye and pigment reactive ink: BK, MBK, C, M, Y
Draft mode: Plain paper: 0.45 min/Ao; Coated paper: 1.16 min/Ao
Standard mode: Plain paper: 1.16 min/Ao; Coated paper: 2.29 min/Ao
High quality mode: Coated paper: 3.38 min/Ao
<b>iPF815:</b> Main unit with printer stand and standard basket
<b>iPF825:</b> Main unit with printer stand, lower roll, and high capacity basket
2400 x 1200 dpi
0.02 mm (theoretical value)
± 0.1 % or less
Display: Large LCD: 160 x 128 dots, LED x 5, Key x 12
US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Russian, Japanese (Kanji)
PF-03 (user replaceable)
Bubble-jet on demand
6 colors integrated type (6 chips per printhead x 1 printhead)
1200 dpi x 2
MBK: 5120 nozzles, each other color: 2560 nozzles
4 pl per color
<b>iPF815:</b> 1 roll + cut sheet media (front loading & output); <b>iPF825:</b> 2 rolls + cut sheet media (front loading & output)
0.07 - 0.8 mm
150.0 mm
Internal diameter of roll core: 2" / 3"
Roll: 254 - 1118 mm; Cut sheet media: 203 - 1118 mm
Roll: 203 mm - 18 m (varies according to the OS and application); Cut sheet media: 203 mm - 1.6 m
Recommended: Roll: top: 20 mm, bottom & side: 5 mm; Cut sheet media: top: 20 mm, bottom: 23 mm, side: 5 mm
Printable: Roll: top, bottom, side: 3 mm; Cut sheet media: top, side: 3 mm, bottom: 23 mm; Roll (borderless): top, bottom, side: 0 mm
515 mm (JIS B2), 1030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 17", 24", 36", 42"
Draft, standard, coated, recycled, transparent, photo papers, polyester films and outdoor
Only for <b>iPF815:</b> TU-06
Only for <b>iPF815:</b> BU-03
RH2-44; 2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer
<b>iPF815:</b> 1893 x 975 x 1144 mm; <b>iPF825:</b> 1893 x 1291 x 1144 mm
<b>iPF815:</b> 138 kg; <b>iPF825:</b> 189 kg (incl. roll holder set; excl. ink and printhead)
15 - 30°C
10 - 80% (Condensation free)
Ready mode (standby): < 35 dB (A) (measured based on ISO 7779)
Active mode (printing): < 52 dB (A) (measured based on ISO 7779)
< 6.8 Bels (measurement conditions: plain paper, standard mode, normal temperature and normal humidity)
AC 100 - 240 V 50/60Hz
Sleep mode: < 1 W (in compliance with Executive Order of the President of the United States of America.)
Ready mode (standby): 100 V - 120V: < 5.0 W; 220 V - 240 V: < 6.0 W
Active mode (printing): < 190 W
Standard 32 GB (Physical DRAM: 384 MB)
160 GB
GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP-RTL



**Printing for Professionals**

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