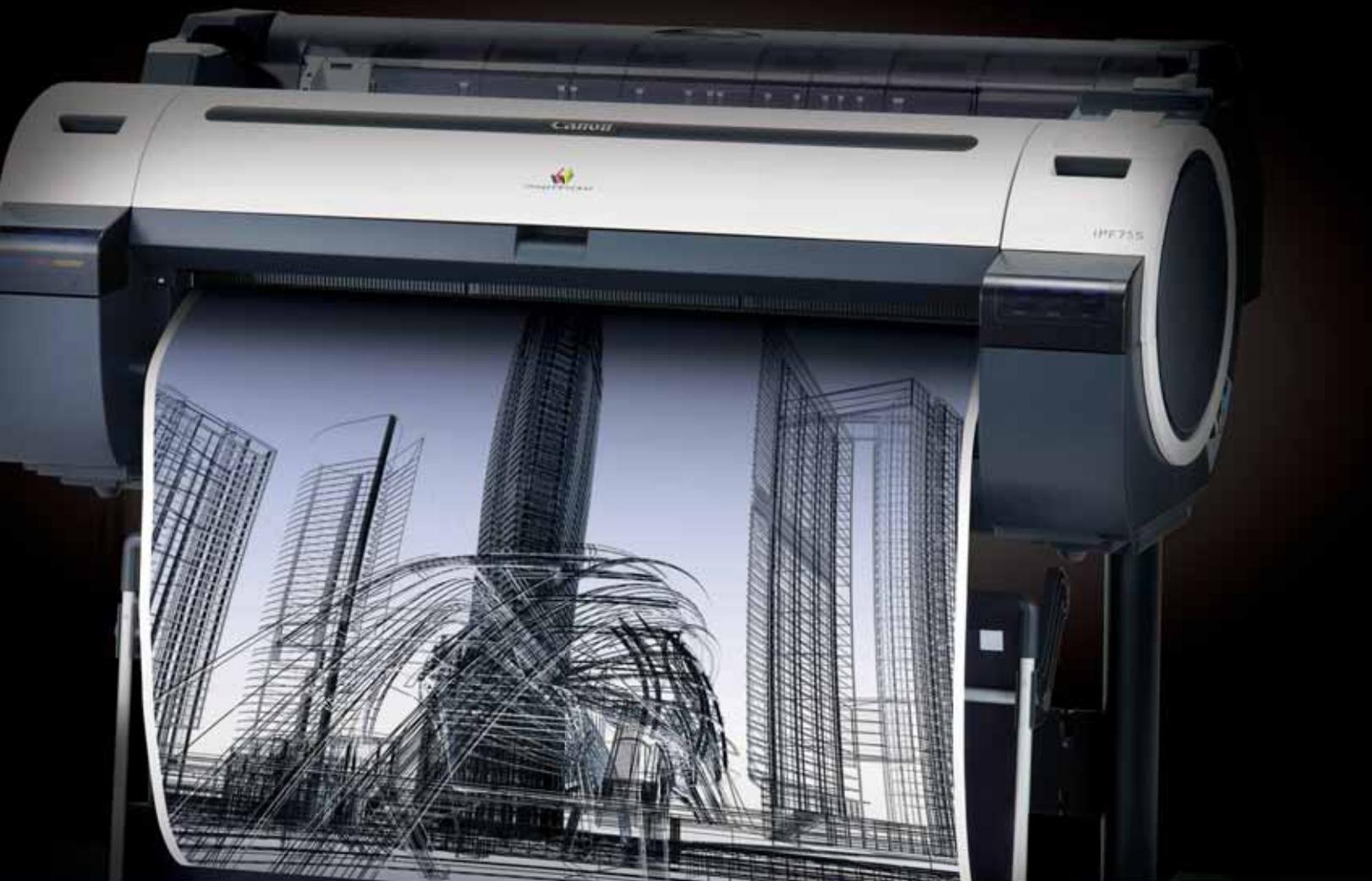


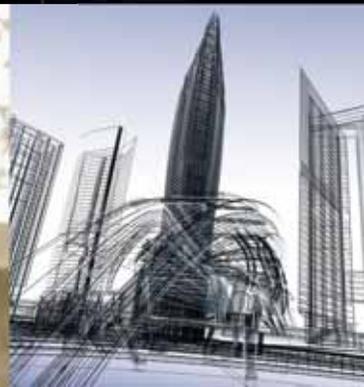
**Canon**

imagePROGRAF

 imagePROGRAF®  
iPF755/750/655/650



**TECHNICAL  
DOCUMENTS**  
LARGE-FORMAT PRINTING





## Introducing the 36" iPF755/750 and 24" iPF655/650 large-format printers.

The newest additions to Canon's world-renowned line of imagePROGRAF large-format printing solutions.

Specially designed for technical documents applications and general office printing, the iPF755/750 and iPF655/650 printers enable users to produce a diverse range of output. Whether the job is a complex technical document or a spectacular, full-color poster, you can get it done faster and easier than ever before. These printers work harder, so you can work smarter.

### NEW FEATURES

- **Space-saving design** with fully front-accessible operation for flush wall installation
- Outstanding **ease-of-operation**, from loading paper to navigating through a newly designed control panel
- New **accounting functions** collect printer job log information and calculate printing costs
- **Sub ink tank system** allows for changing ink without interrupting a print job
- Standard support for **Gigabit Ethernet** and Hi-Speed USB allow for fast transfers of large data volumes
- **Environmentally conscious** design made with less plastic, reduced CO2 emissions, and lower overall power consumption than previous models

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## ADVANTAGES

Advanced, built-in features were specifically developed for these imagePROGRAF printers to produce high-speed, high-quality output with incredible ease.

### HIGH-QUALITY PRINTING

A super-high-density print-head ejects tiny 4pl droplets of ink that consistently produce **2400 x 1200 dpi output with fine lines within +/-0.10%** accuracy and as thin as 0.02mm. And Canon's unique 5-color Reactive Ink set delivers durable, smudge-resistant prints with sharp lines and text, bold colors, and smooth fills.

### MAXIMUM PRODUCTIVITY

Productivity is critical when you need to keep projects moving forward to meet tight deadlines. **Now you can print a D/A1 document in approximately 28 seconds\*** with Canon's advanced system architecture and one-inch print-head with 15,360 nozzles, engineered for high-volume printing. And with a built-in 80GB hard drive on the iPF755/655 printers, you can send large sets of files from multiple workstations, without locking up your computer and experiencing heavy downtime.

### LOW COST OF OPERATION

A number of important built-in features help minimize ink consumption, media waste, and maintenance costs to **significantly reduce total cost** of operation. The variety of features that contribute to the cost-savings includes the Economy Print Mode for lower cost per print, auto-rotation and nesting to minimize media waste, and Canon's

proprietary durable print-heads, which reduce maintenance costs. Canon has also earned **ENERGY STAR® qualification** for the imagePROGRAF printers. They draw only 140 watts of power during use to keep the total cost of operation to a minimum.

### VERSATILITY

Whether you need **direct printing support for HP-GL/2 and HP RTL files**, an HDI driver for AutoCAD®, or just an easy-to-use Windows® or Macintosh® printer driver for nesting full-color posters, Canon has what you need to simplify, strengthen, and complete your workflow. And for poster creation made simple, PosterArtist Lite and **Microsoft® Office Plug-in** give you all the tools you'll need to design and output impressive large-format signs and banners.

Fast and user-friendly, the iPF755/750 and iPF655/650 printers make it easier than ever to produce a wide range of large-format documents—from the most intricate technical drawings to presentation renderings, posters, and signs.

With three lines of imagePROGRAF large-format printers...whatever your needs, Canon has the answer.

\*When printing in fast mode on plain paper. Includes paper-cutting time.



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## SPECIFICATIONS



**Print-Head**  
PF-04

**Technology**  
FINE (Full-Photolithography Inkjet Nozzle Engineering)

**Print Resolution (Max.)**  
2400 × 1200 dpi

**Line Accuracy\***  
±0.1% or Less

**Minimum Line Weight†**  
0.02mm

**Number of Nozzles**  
Matte Black: 5,120 Nozzles  
Other Colors: 2,560 Nozzles per Color

**Droplet Size**  
4 Picoliter

**Nozzle Pitch (Head Resolution)**  
1200 dpi × Two Rows

**Print-Head Swath**  
1.07 inch

**Ink Type**  
Dye

Cyan (C), Magenta (M), Yellow (Y), Black (K)

**Pigment**  
Matte Black (MBK)

**Ink Tank**  
PFI-102: MBK, C, Y, K  
PFI-104: M

**Ink Tank Capacity**  
Starter: 90ml  
Replacement: 130ml

**Ink Supply Method**  
Tubing System with Sub-Tanks for Continuous Ink Supply

**Nozzle Recovery System**  
Non-firing Nozzle Detection and Compensation

**Printer Controller**  
L-COA Controller

**Printer Memory**  
256MB

**Hard Drive (iPF755/iPF655 only)**  
80GB (SATA)

**Mail Boxes (User Job Storage) (iPF755/iPF655 only)**  
1 Common Inbox, 29 User Inboxes (Password-protected)

**Media Feed**

**Roll Feed**  
One Roll, Top-loading, Front Output

**Cut Sheet**  
One Sheet, Top-loading, Front Output

**Media Width**

**Roll Feed**  
iPF755/iPF750: 10" – 36" (254mm – 914mm)  
iPF655/iPF650: 10" – 24" (254mm – 610mm)

**Cut Sheet**  
iPF755/iPF750: 8" – 36" (203.2mm – 914mm)  
iPF655/iPF650: 8" – 24" (203.2mm – 610mm)

**Printable Margins**

**Roll Feed**  
All Sides: 0.12" (3mm) or 0" for Borderless

**Cut Sheet**  
Leading, Sides (Left and Right): 0.12" (3mm)  
Trailing: 0.91" (23mm)

**Maximum Print Length (Single Page)**

**Roll Feed**  
59' (18m)

**Cut Sheet**  
63" (1.6m)

**Borderless Printing Widths (Roll Media Only)**  
10", B4, A3, 14", A2, 17", B2, A1, 24"  
iPF755/iPF750 only: B1, A0, 36"

**Media Cutter**  
Durable Dual-blade Rotary Cutter

**Media Thickness**  
0.07 – 0.8mm (2.8 – 31.4mil)

**Media Core Sizes**  
2" and 3" Core (Adapter Included)

**Maximum Roll Outer Diameter**  
5.9" (150mm)

**Output Media Bin**  
Stackable Media Basket (Standard)

**Output Media Bin Capacity**  
20 Sheets (With Stackable Configuration)

**Printing Software**  
imagePROGRAF Printer Driver for Windows/Mac, HDI Driver<sup>††</sup>, Printer Driver Extra Kit for Windows/Mac (Free Layout, Color imageRUNNER<sup>®</sup> Enlargement Copy, Advanced Preview), Print Plug-in for Microsoft Word/Excel/PowerPoint for Windows, Digital Photo Front-Access for Windows, PosterArtist Lite for Windows

**Operating System††**  
Windows 32-bit 2000/XP/ Server 2003/ Windows Vista<sup>†††</sup>/Server 2008, Windows 64-bit XP/ Server 2003/Windows Vista/Server 2008 (Available in download only), Macintosh OS X CUPS (10.4.9, 10.5.x) 32-bit, Macintosh OS X CUPS (10.5.x) 64-bit (Available in download only)

**Print Language**  
GARO, HP-GL/2, HP RTL

**Interface**  
USB 2.0 Hi-Speed, 10/100/1000Base-T/TX

**Protocol**  
TCP/IP (IPv4/IPv6), IPX/SPX, AppleTalk<sup>†††</sup>, SNMP (Canon MIB supported), HTTP

**Acoustic Noise**

**Operation**  
iPF755/iPF750: 50dB (A) or Less  
iPF655/iPF650: 47dB (A) or Less

**Standby**  
35dB (A) or Less

**Acoustic Power**  
iPF755/iPF750: Approx. 6.6 Bels  
iPF655/iPF650: Approx. 6.4 Bels

**Power Supply**  
AC 100–240V (50–60Hz)

**Power Consumption**

**Maximum**  
140W or Less

**Standby**  
5W or Less

**Power Off**  
1W or Less (Executive Order Compliant)

**Certifications**

**Electrical Safety Regulations**  
UL<sup>†††</sup> (USA), C-UL (Canada), S mark (Argentina), CE mark (EN60950, EN55022 classB, EN61000-3-2, EN-61000-3-3, EN55024) (EU), CB certification (Others)

**Electromagnetic Interface Regulations**  
FCC Class B (USA), IC Class B (Canada)

**Environmental Certifications**  
ENERGY STAR<sup>†††</sup> (Worldwide), RoHS Directive, WEEE, Executive Order (USA)

**Operational Environment**

**Temperature**  
59 – 86 F° (15 – 30 C°)

**Relative Humidity**  
10 – 80% (No Condensation)

**Printer Dimensions (H × W × D) and Weight with Stand and Basket**

iPF755/iPF750: 41.8" × 51.3" × 34.3"  
(1,062mm × 1,304mm × 870mm)  
Approx. 139 lb. (63kg)

iPF655/iPF650: 41.8" × 39.3" × 34.3"  
(1,062mm × 997mm × 870mm)  
Approx. 119 lb. (54kg)

**Package Dimensions (H × W × D) and Weight†**

**Printer Main Package**

iPF755/iPF750: 30.3" × 56.5" × 32.7"  
(770mm × 1,434mm × 830mm)  
Approx. 166 lb. (75kg)

iPF655/iPF650: 30.0" × 44.4" × 32.7"  
(762mm × 1,127mm × 830mm)  
Approx. 139 lb. (63kg)

**Stand Package**

iPF755/iPF750: 9.4" × 55.1" × 30.7"  
(1,585mm × 1,263mm × 2,348mm)  
Approx. 38 lb. (17kg)

iPF655/iPF650: 10.4" × 43.8" × 32.1"  
(263mm × 1,113mm × 816mm)  
Approx. 36 lb. (16kg)

**Options**

PosterArtist  
iPF755/iPF750: Roll Holder Set (RH2-33)  
iPF655/iPF650: Roll Holder Set (RH2-26)

**User-Replaceable Items**

Ink Tank (PFI-102 MBK, C, Y, K; PFI-104 M)  
Print-Head (PF-04)  
Maintenance Cartridge (MC -10)

\* Line accuracy repeatability is guaranteed after a user performs necessary adjustment and under the same environmental conditions. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.

\*\* Theoretical value based on data resolution.

† The maximum printable length varies, depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008/2009

††† For imagePROGRAF Printer Driver. For printing from PostScript<sup>®</sup> applications such as Adobe Illustrator<sup>®</sup> or QuarkXPress<sup>™</sup>, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors at [www.usa.canon.com](http://www.usa.canon.com).

• The printer will be shipped on a pallet with stand box strapped on top of the main unit. Shipping dimensions and weight for iPF755/iPF750 are (H×W×D) 39.7"×56.5"×32.7", 205lb., for iPF655/iPF650 are 40.4"×44.4"×32.7", 176lb.

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