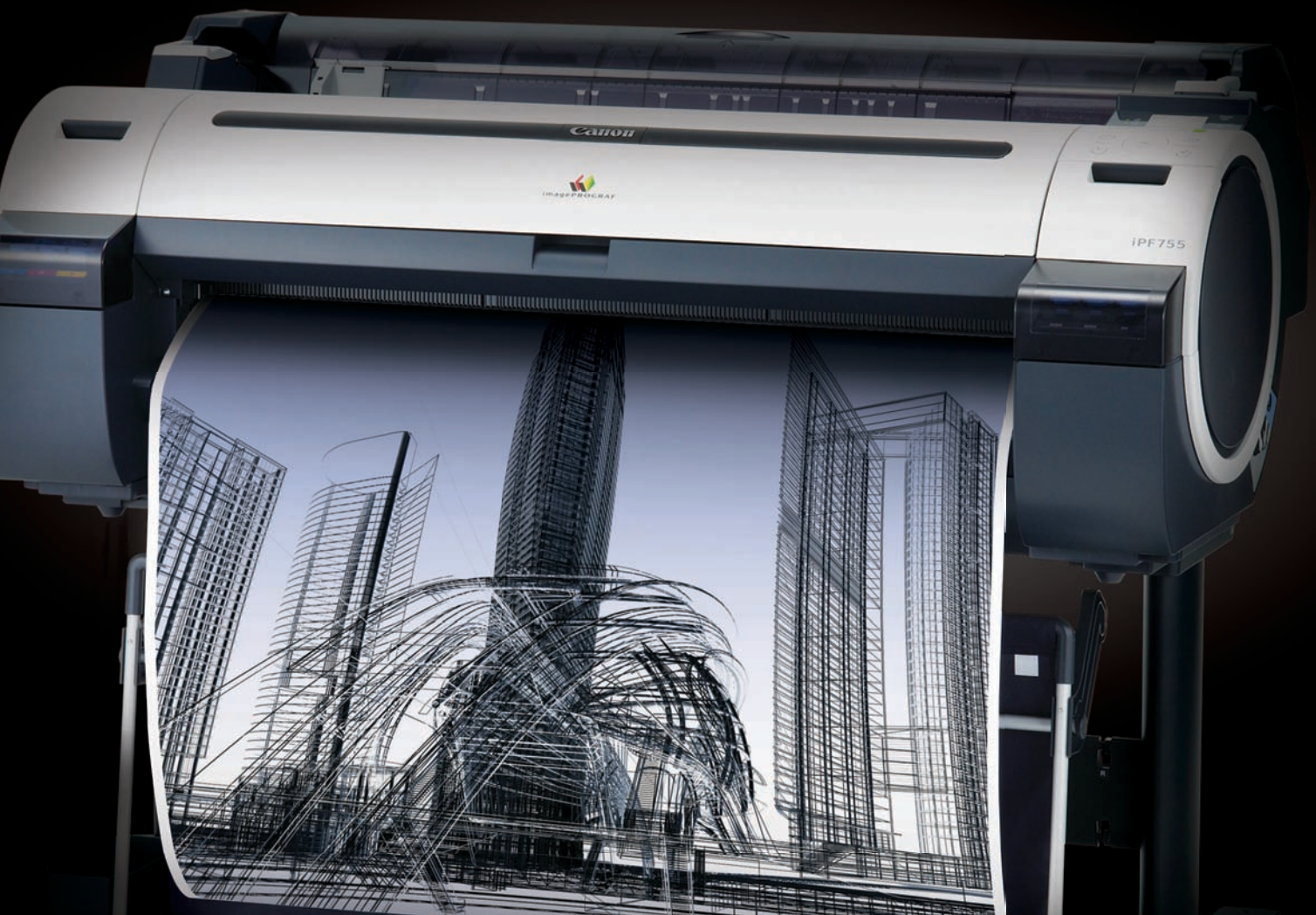


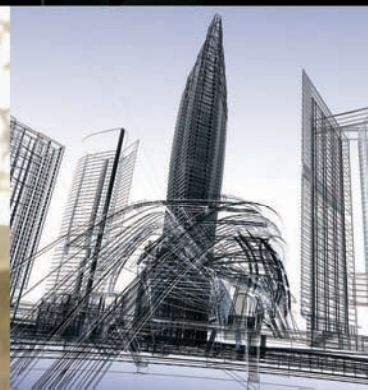
Canon

imagePROGRAF

 imagePROGRAF®
iPF755/750



**TECHNICAL
DOCUMENTS**
LARGE-FORMAT PRINTING



imagePROGRAF

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

LCOA Controller

Printer Memory

256MB

Hard Drive (iPF755 only)

80GB (SATA)

Mail Boxes (User Job Storage) (iPF755 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

10" – 36" (254mm – 914mm)

Cut Sheet

8" – 36" (203.2mm – 914mm)

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", 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††, Printer Driver Extra Kit for Windows/Mac (Free Layout, Color imageRUNNER® 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®/Server 2008, Windows 64-bit XP/ Server 2003/Windows Vista/Server 2008
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/XT

Protocol

TCP/IP (IPv4/IPv6), IPX/SPX, AppleTalk®, SNMP (Canon MIB supported), HTTP

Acoustic Noise

Operation

50dB (A) or Less

Standby

35dB (A) or Less

Acoustic Power

Approx. 6.6 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® (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® (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

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

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

Printer Main Package

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

Stand Package

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

Options

PosterArtist
Roll Holder Set (RH2-33)

User-Replaceable Items

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

What's In The Box

Printer, User Software CD for Windows, User Software CD for Macintosh, User Manual CD, PosterArtist Lite CD, 6 Starter Ink Tanks (MBK×2, C, M, Y, K), 2" Core Media Spool with 3" Adapter, Print-Head PF-04, Maintenance Cartridge MC-10, Quick Setup Guide (Poster), Printer Reference Guide (Booklet), Power Cord, One-Year Onsite Limited Warranty, Registration Card, Stand, Stackable Media Basket, Accessory Box, Hardware (For Setting Up the Printer and Stand)

* 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® applications such as Adobe Illustrator® or QuarkXPress™, 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.

• 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", 205 lb.

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