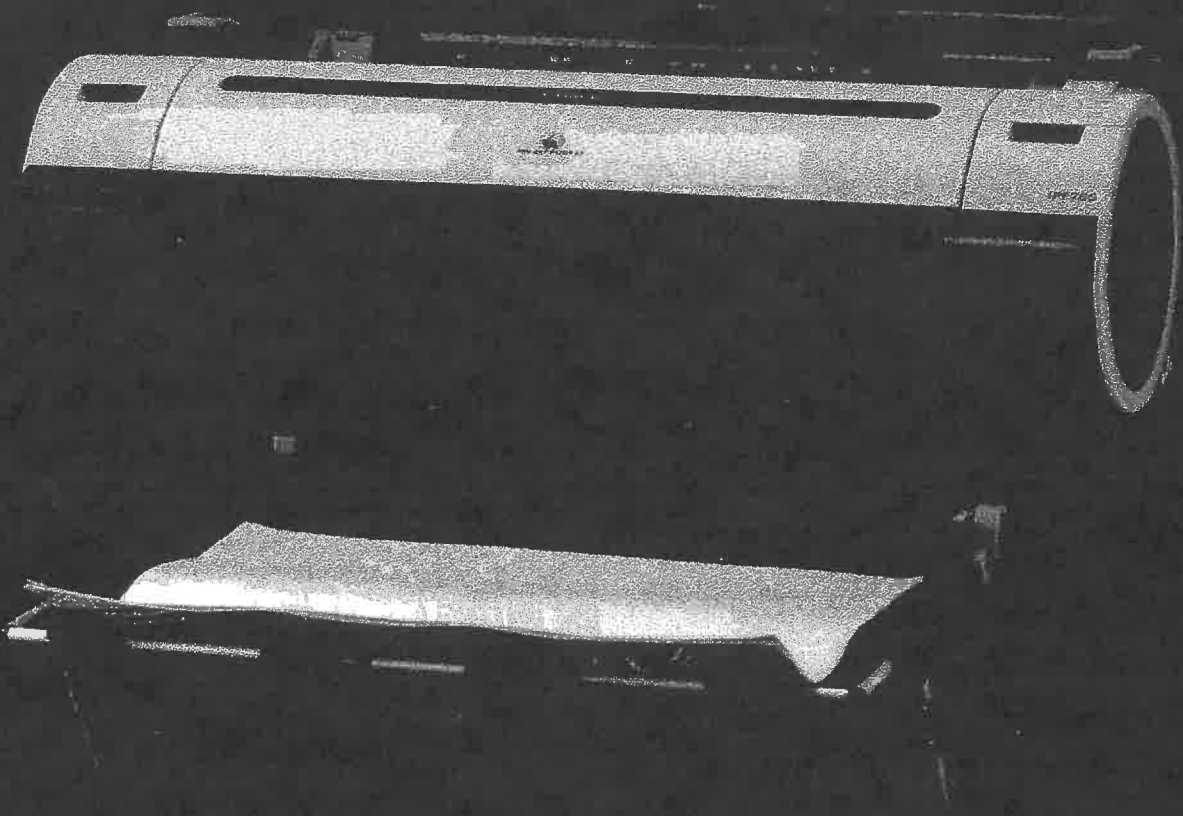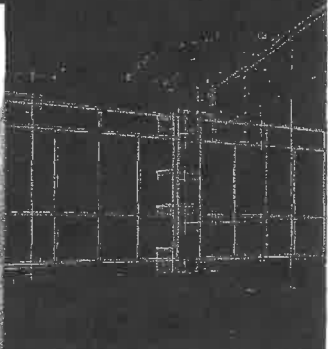# Canon

imagePROGRAF

imagePROGRAF
iPF765/760

TECHNICAL
DOCUMENTS

LARGE FORMAT PRINTING

Presenting the 36" wide imagePROGRAF iPF765 and iPF760 large-format printers.

The latest additions to Canon's award-winning technical document printers.

These printers are equipped with a new flat stacker/basket for 24" x 36" landscape plots, helping to ensure that prints stay organized and flat once they've been printed. The iPF765 model comes equipped with a 250GB hard drive to help streamline workflow, whether for a networked environment or those printing larger-size files with complex images.

ADVANCED TECHNOLOGIES

- **Horizontal Flat Stacker/Basket**
  - Easy to configure for flat stacking or print-capturing basket
  - Neatly stack up to twenty 24" x 36" plain paper prints

- **Interface Lock**
  - Ability to restrict access to the interfaces
  - Password protected

- **250GB Hard Drive** (iPF765 printer only)
  - 32GB printer memory
  - Meets DoD 5220.22-M requirements

- **Convenient Operation**
  - Assisted Top Loading Media
  - Install flush against a wall

- **Sub-ink Tank System**
  - Allows for changing ink without interrupting a print job

ADVANTAGES

Efficiencies, Productivity, and Ease of Use.

ENHANCED PRODUCTIVITY

The newly designed flat stacker/basket increases the productivity of these already feature-laden printers by providing the capability to neatly stack up to twenty, **24" x 36" plain paper prints**. The stacking option can be enabled or disabled, depending on user preference. An increased hard drive capacity on the iPF765 printer streamlines the printing workflow by bearing the processing workload on the printer to help increase overall print processing times.

INCREASED SECURITY

A new interface lock system enhances the security functions on the printer. This feature provides an option for **administrative control** to restrict usage to the printer. The Canon imagePROGRAF iPF765 printer is equipped with a disk erase feature that erases print jobs from the printer's hard disk. This meets the highest level of erasure for disk media as per the **U.S. Department of Defense requirements** (DoD 5220.22-M).
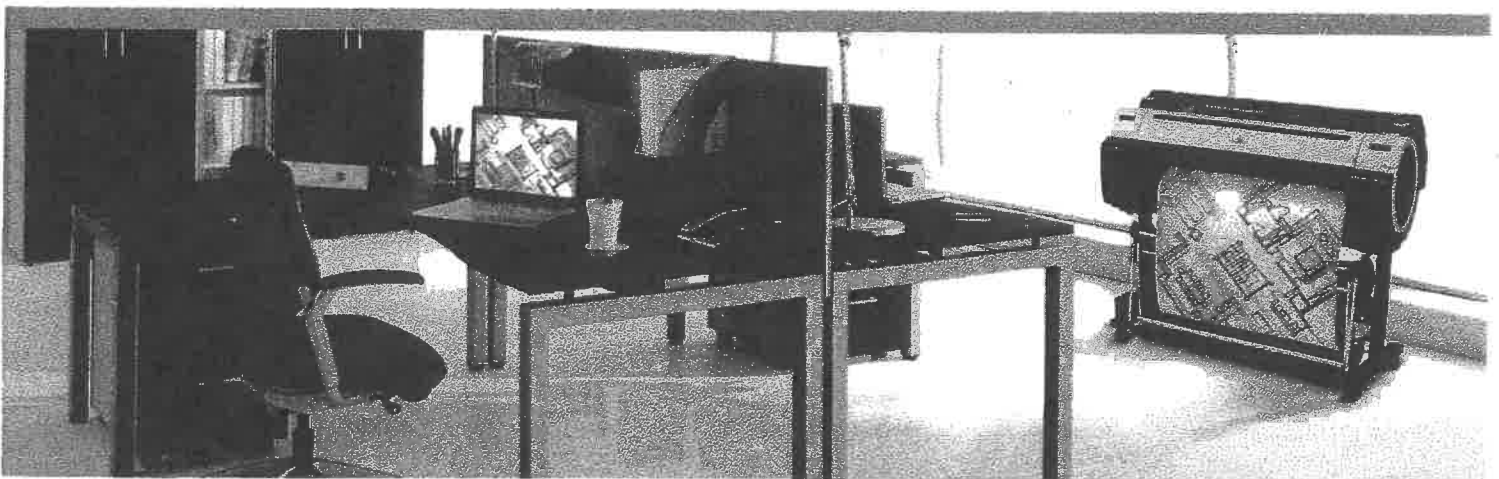
LOW OPERATIONAL COST

A number of important built-in features help minimize ink consumption, media waste, and maintenance costs to significantly reduce total cost of operation. These features include **Economy Print Mode** for lower cost per print, auto-rotation and nesting to minimize media waste, and Canon's proprietary durable print-head that helps reduce maintenance costs. Canon has also earned **ENERGY STAR® certification** for the imagePROGRAF printers, drawing only 140 watts of power during use to help keep the total cost of operation at a minimum.

SOFTWARE SOLUTIONS

Canon includes workflow solutions to help simplify and streamline the printing process. The **Print Plug-In for Microsoft® Office** allows users of any skill level to print posters or banners directly from Microsoft Excel®, PowerPoint®, and Word. The **Accounting Manager** feature helps you easily track costs and allocate consumable expenses to projects. This allows you to track print jobs by user to calculate ink and media costs as well as the number of pages printed. The Printer Driver with **Optimization Module for AutoCAD** is intended for users with technical document printing workflows. Canon's **PosterArtist Lite** poster creation software—included with both models—gives you all the tools you need to design and output impressive large-format signs and banners.

With even more features than their predecessors, the iPF765 and iPF760 printers offer greater efficiency and productivity than ever before.

imagePROGRAF

SPECIFICATIONS

Print-Head
PF-04
Technology
FINE (Full-Photolithography Inkjet Nozzle Engineering)
Print Resolution (Max.)
Up to 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
Hard Drive (iPF765)
250GB
(32GB Dedicated File Processing Memory)
Mail Boxes (User Job Storage) (iPF765 only)
One 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
Flat Stacker/Basket
Output Media Bin Capacity
20 Sheets (With Stackable Configuration)
Printing Software
imagePROGRAF Printer Driver for Windows/Mac,
Optimization Module for AutoCAD (PC only),
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,
PosterArtist Lite for Windows
Operating System†
Windows XP/Server 2003/Server 2008, Windows
Vista®, Windows 7; Macintosh OS X 10.4.11-10.7x
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®, 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
.5W or Less (Executive Order Compliant)
Certifications
Electrical Safety Regulations
UL® (USA), C-UL (Canada), S mark (Argentina),
CB certification (Others)
Electromagnetic Interface Regulations
FCC Class B (USA), IC Class B (Canada)
Environmental Certifications
ENERGY STAR® (USA), WEEE,
Executive Order (USA)

Operational Environment
Temperature
59 – 86 F° (15 – 30 C°)
Relative Humidity
10 – 80% (No Condensation)
Printer Dimensions (Main Unit and Stand) (H x W x D)
41.8" x 51.3" x 34.5" (with Basket open)
41.8" x 51.3" x 43.3" (when Basket is in the
extended position for flatbed stacking)
Printer Weight (Approx.):
141.3 lb. (Roll Holder included, no inks, no print-head)
Package Dimensions (Main Unit with printer stand,
basket, and palette) (H x W x D)
43.2" x 56.5" x 32.7"
Printer Weight
242.5 lb.
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)

* 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 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.

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www.usa.canon.com

Canon U.S.A., Inc.
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Lake Success, NY 11042

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Paper from
responsible sources
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L-COA

FINE
Full-photolithography Inkjet
Nozzle Engineering

GENUINE

generation
green