

# Large Format Print Solutions ideal for CAD & GIS

iPF750 / iPF755

**you can**

The **imagePROGRAF iPF750 and iPF755** are 36" / A0 printers, delivering class leading productivity, exceptional quality, accuracy and an advanced set of features to ensure an excellent return on investment.

iPF750 / iPF755
<b>36</b> INCH
2,400 X 1,200DPI
ECONOMY PRINTING MODE
5 COLOURS
A0 48 SECONDS
15,360 NOZZLES
160GB HDD (iPF755)
BORDERLESS PRINTING



## Key Features

- Manage costs and track ROI - Full accounting and eMaintenance software included.
- Space saving - Unique compact design to fit anywhere.
- User Friendly - Simple roll paper loading system and control the printer from the front.
- Maximise productivity - "Hot Swap" ink tanks, changeable during production
- Minimise printer downtime with media mismatch detection (iPF755).
- High capacity basket with stacking functionality to prevent damage to prints.
- Highly accurate with 0.02mm minimum line width and +/-0.1% line accuracy.
- Integrate with your office applications with Microsoft Office Plug-in.
- HP-GL/2 and HP-RTL Compatible: - Capable of handling large vector files - HP-GL/2 pallet and pen settings - HP-GL/2 and HP-RTL nesting (iPF755). - HP-GL/2 auto-rotation.

 **imagePROGRAF**

**Canon**

# Specifications: iPF750 / iPF755

Class	36-inch
Ink Type	Dye and pigment reactive ink: BK, MBK x 2, C, M, Y
Maximum Print Resolution	2,400 x 1,200 dpi
Printing Speed (A0 Roll, Full Colour Image)	
Plain Paper	0.48 (Draft mode)
Coated Paper	1.14 (Standard Mode) 1.14 (Draft Mode) 2.26 (Standard Mode) 3.51 (High Quality Mode)
Dimensions, Weight (Net) W x D x H (mm), (kg)	<b>iPF750:</b> Main unit with a basket open and a printer stand 1,304(W) x 870(D) x 1,062(H)mm ; Weight: approx. 62.9kg <b>iPF755:</b> Main unit with a basket open and a printer stand 1,304(W) x 870(D) x 1,062(H)mm ; Weight: approx. 63.1kg
Dimensions, Weight (Packaged) W x D x H (mm), (kg)	<b>iPF750:</b> Main unit 1,434(W) x 830(D) x 770(H)mm; Weight: approx. 75.1kg <b>iPF755:</b> Main unit 1,434(W) x 830(D) x 770(H)mm; Weight: approx. 75.3kg <b>iPF750:</b> Stand and Basket 1,380(W) x 760(D) x 240(H)mm; Weight: approx. 16.8kg <b>iPF755:</b> Stand and Basket 1,380(W) x 760(D) x 240(H)mm; Weight: approx. 16.8kg
Power Supply	
Input power	AC 100 - 240 V (50/60 Hz)
Power consumption	140W or less
Standby power consumption (At the low power mode)	
100 V - 120 V	5W or less
220 V - 240V	6W or less
Power off (standby)	1W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	Temperature: 15 - 30°C, Humidity: 10 - 80% (Condensation free)
Acoustic Noise	
Acoustic pressure	Operation: 50 dB (A) or less, Standby: 35 dB (A) or less
Acoustic power	Operation: 6.6 Bels or less
Minimal Line Width	0.02mm (Theoretical value)
Line Accuracy	±0.1 % or less (User adjustments necessary. Printing environment media must match that used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.)
Operation Panel Display Large Language on operation panel	LCD: 160 x 128 dots, Key x 13, LED x 5
Displayable Language on LCD	US-English, Japanese US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji), Russian GARO, HP-GL/2, HP RTL
Printer Language	
Interface	
USB	Built-in
Type	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Mode	Series B (4 pins)
Connector type	
Ethernet	Built-in
Type	IEEE 802.3 10base-T
Standard	IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3ab 100base-T / Auto-Negotiation IEEE 802.3 x Full Duplex IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Protocol	
Operating Systems Supported	
Windows	2000 (32)/XP (32 & 64)/Server 2003 (32 & 64)/Server 2008 (32 & 64)/Vista (32 & 64)
Macintosh	OS X (32 & 64)
Memory	
Standard Memory	256Mb
HDD	iPF755 - 160Gb (including 8Gb Dynamic Memory)
<b>PRINT HEAD</b>	
Model	PF-04
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head x 1 print head)
Nozzle pitch	1,200dpi
Nozzle per chip	MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each
Droplet size	4 pl per colour
Head replacement	User replacement

<b>INK TANK</b>	
Model	PFI-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M
<b>MEDIA HANDLING</b>	
Roll paper	One roll, top-loading, front output
Cut sheet	Top-feeding, front output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper 80gsm Standard Paper 90gsm Matt Coated Paper 90gsm Glossy Photo Quality Paper 190gsm / 240gsm / 300gsm Satin Photo Quality Paper 190gsm / 240gsm / 300gsm Pearl Photo Paper 260gsm Matt Coated Paper 120gsm / 140gsm / 180gsm Opaque White Paper 120gsm High Resolution Self-adhesive Graphic Paper 140gsm High Resolution Barrier Paper 180gsm Glossy Proofing Paper 195gsm Semi-Glossy Proofing Paper 195gsm / 255gsm
Media Size	
Roll paper (width)	ISO: A3, A2, A2+, A1, A0, JIS: B4, B2, B1, ARCH: 24", 30", 36" Others: 10", 14", 16", 17", Banner (300mm)
Cut sheet	ISO: A4, A3, A3+, A2, A2+, A1, A0, B4, B3, B2, B1 DIN: C4, C3, C2, C1, C0 JIS: B4, B3, B2, B1, B0 ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34", 28 x 40", 34 x 44" ARCH: 9 x 12", 12 x 18", 18 x 24", 24 x 36", 26 x 38", 27 x 39", 30 x 42", 36 x 48" Photo: 20 x 24", 18 x 22", 14 x 17", 12 x 16", 10 x 12", 10 x 15" 16 x 20" (US Photo size), Poster: 20 x 30", 30 x 40", 300 x 900mm, Others: 13 x 22" Roll paper & Cut sheet: 0.07 - 0.8mm
Media Thickness	
Maximum Outside Diameter of Roll Paper	150.0mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width	Roll paper: 254 (10") - 914.4 (36")mm Cut sheet: 203.2 (8") - 917 (DIN C0)mm
Minimum regular format size (Vertical)	Roll paper: 203.2mm (8") Cut Sheet: 279.4mm (11"): Letter size (long side)
Maximum Printable Paper Length	Roll paper: 18m (Varies according to the OS and application) Cut sheet: 1.6m (Varies according to the OS and application)
Margins (Top, Bottom, Sides)	
Recommended area	Roll paper: Top: 20mm, Bottom: 5mm, Side: 5mm Cut sheet: Top: 20mm, Bottom: 23mm, Side: 5mm
Printable area	Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm Cut sheet: Top: 3mm, Bottom: 23mm, Side: 3mm
Media width for borderless printing	10"(254mm), B4(257mm), A3(297mm), Banner(300mm), 14"(356mm), A2(420mm), A2+/17"(432mm), B2(515mm), A1(594mm), 24"(610mm), B1 (728mm), A0(841mm), 36" (914mm)
<b>OPTION</b>	
Roll Holder Set (for both 2" and 3" core roll media)	RH2-33
<b>CONSUMABLES</b>	
Ink Tank	PFI-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M
Print Head	PF-04
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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