VERSATILITY THAT **GROWS** WITH YOUR **BUSINESS**

IMAGEPROGRAF IPF770



The imagePROGRAF iPF770 Large Format Printer for CAD and graphics

Now you can produce consistently impressive quality output up to 36” (A0) with speed and precision. These versatile, easy-to-use models offer a range of clever features designed to enhance productivity for an excellent return on your investment.

At a glance

- 36 inch
- 2400 x 1200dpi
- Min line width 0.02mm
- 5 colour reactive ink
- 4pl ink droplet
- Borderless printing
- Economy printing mode

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Poster Artist
Design and print your own posters and signs with ease

Flat stacker/basket
Neatly stacks up to 20 A1 prints

Top Loading Media
Space saving design with convenient operation and easy to use

Sub-ink tank system
Ink can be changed without interrupting a print job

Accounting Manager
Software helps keep track of printing costs

Canon

No one does it like you

imagePROGRAF iPF770 Specifications

Item	Specification
Model	iPF770
Class	36-inch
Ink Type	Dye and pigment reactive ink
Maximum Print Resolution	2,400 x 1,200dpi
Dimensions, Weight (Net) W x D x H (mm), (Kg)	
Main unit + Printer Stand ST-34 (with a basket open)	(W)1304 x (D)887 x (H)1062mm (ST-34:When with basket open) (W)1304 x (D)1100 x (H)1062mm (ST-34: When a basket is at the extended position for flatbed stacking) Weight: 64.6kg (ST-34, roll holder included, no inks, no print heads)
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	
Main unit(with a printer stand ST-34, basket, and palette included)	(W)1434 x (D)1082 x (H)773mm, Weight: 108.0kg
Power Supply	
Input power	AC 100 - 240 V (50-60 Hz)
Operation Power consumption	140W or less
Standby power consumption (At the low power mode)	5W or less
Default setting for the time to enter the Sleep mode	Approx. 5min
Power off (standby)	0.5W or less
Operational Environment	
Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
Acoustic Noise	
Acoustic pressure	Operation: approx. 48 dB (A) (Plain paper, Standard printing mode, Line Drawing/Text) Standby: 35 dB (A) or less Measured in the above conditions, based on ISO 7779
Acoustic power (LWA ₐ)	Operation: approx. 6.5 Bels (Plain paper, Standard printing mode, Line Drawing/Text) Measured in the above conditions, based on ISO 7779
Minimal Line Width	
0.02mm (Theoretical value)	
Line Accuracy	
±0.1 % or less. User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only	
Detector and Adjustment	
Registration adjustment	Automatic / Manual
Banding adjustment (Line Feed adjustment)	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	Automatic / Manual
Colour calibration	No
Head gap adjustment	Automatic / Manual (6 levels)
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
Memory	
Standard memory	256 Mbyte
Expansion slot	No
Firmware	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, Ethernet port (Utility use)
Operation Panel	
Display	Large LCD: 160 x 128 dots; Key x 13, LED x 5
Language on operation panel	US-English, Japanese
Languages	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Russian, Brazilian portuguese language, Japanese (Kanji)
Hard Disk Drive	
No	
Interface	
USB - Type	Built-in
USB - Mode	Full Speed (12 Mbit/sec) (High Speed (480 Mbit/sec), Bulk transfer
USB - Connector Type	Series B (4 pins)
Ethernet - Type	Built-in
Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3x Full Duplex, IEEE 802.3az EEE
Ethernet - Protocol	SNMP (Canon-MIB supported), HTTP, TCP/IP (IPv4/IPv6)

Expansion Slot	
No	
Cutter	
Type	Standard: Automatic horizontal cutting (Rotary cutter)
Media Handling	
Media Feed and Output - Roll Paper	One Roll, top loading, front output
Media Feed and Output - Cut sheet	Top-feeding, font output (Manual feed using media locking lever)
Media Feed and Output - Paper path switch (roll/cut sheet)	Manually switchable by user
Delivery direction	Face-up, front side
Maximum stacking number of delivered prints	1 sheet: In case of the regular basket position. Approx. 20 sheets: In case the basket is at the extended positions. (Except for the cases where delivered prints are rolled in becaused of environmental impact and media curls.)
Types of media stackable on the extended basket	Plain Paper / Universal Bond Paper / Canon Premium Plain Paper 80
Usage environment of the extended basket /Image	At normal temperature and normal humidity (15°C 30% - 30°C 60%) / Image: Line drawing (images equivalent to the Cottage.)
Sizes of media stackable on the extended basket	Extended position A:A1 portrait or Width 24" x Length 36" Extended position B (Flatbed stacking): A2 landscape or Width 24" x Length 18"
Media Thickness - Roll paper	0.07 - 0.8mm
Media Thickness - Cut sheet	0.07 - 0.8mm
Max. Outside Diameter of Roll Paper	150mm or less
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width - Roll paper	254 (10") - 914.4(36") mm
Media Width - Cut sheet	203.2 (8") - 917(DIN C0) mm
Min. Regular Format Size (Vertical) - Roll Paper	203.2mm (8")
Min. Regular Format Size (Vertical) - Cut Sheet	279.4 mm (11"): Letter size (long side)
Max. Printable Paper Length - Roll Paper	18m (Varies according to the OS and application)
Max. Printable Paper Length - Cut sheet	1.6m (Varies according to the OS and application)
Margins Recommended area - Roll paper	Top: 20 mm, Bottom: 5 mm, Left and Right: 5 mm
Margins Recommended area - Cut sheet	Top: 20 mm, Bottom: 23 mm, Left and Right: 5 mm
Margins Printable area - Roll paper	Top: 3 mm, Bottom: 3 mm, Left and Right: 3 mm
Margins Printable area - Roll paper (borderless printing)	Top: 0 mm, Bottom: 0 mm, Left and Right: 0 mm
Margins Printable area - Cut sheet	Top: 3 mm, Bottom: 23 mm, Left and Right: 3 mm
Borderless Printing - Media width	10" (254 mm), B4 (257 mm), A3 (297 mm), Banner (300 mm), 14" (356 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm), B1 (728mm), A0 (841mm), 36" (914mm)

Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	RCM	RCM
New Zealand		RCM

Environment certifications	
ENERGY STAR, RoHS directive	
Option	
Roll Holder Set (for both 2-inch and 3-inch core roll media)	RH2-33
Stand / Basket	ST-34
Consumables	
Print Head - Model	PF-04
Print Head - Type	Bubble-jet on demand
Print Head - Head configuration	6 colours integrated type (6 chips per print head x 1 print head)
Print Head - Nozzle pitch	600dpi x 2 lines = 1200dpi
Print Head - Nozzle per chip	MBK: 5, 120 nozzles, each other colour: 2,560 nozzles
Print Head - Droplet size	minimum 4pl (per colour)
Ink Tank - Model	PFI-107 (130ml)
Ink Tank - Supply	Tubing system (supplies ink from independent ink tanks set in the printer through tubes)
Ink Tank - Colours	Black, Matte Black, Cyan, Magenta, Yellow
Ink Tank - Capacity - Bundled	90 ml per colour
Ink Tank - Capacity - Sales	130 ml per colour
Ink Tank - Level detection	Detected by dot count and electrode (Empty)
Ink Tank - Smart chip	Each ink tank is equipped with EEPROM which stores its ink level.