

you can  
**Canon**

  
imagePROGRAF  
**iPF500**

Large format prints for  
a variety of applications

**Sharper, thinner lines**  
and high black density  
for CAD plan production

**Great colour output**  
with brilliant text and less  
abrasion for general office use

**Superb signs and posters**  
with vivid colours and solid  
image consistency



When you need a dependable large format performer for CAD/GIS applications or general office use, the cost-effective iPF500 hits the mark. Vivid colours and 1200 dpi rendering with outstanding line reproduction provides all the quality you will ever need.

#### Vivid colour reproduction, compact and productive

- **New 5 colour dye and pigment reactive ink** system ensures excellent reproduction.
- **High speed media feeding** from cassette allows device to be used as a powerful office colour printer.
- **High performance, high durability** cutter incorporated for a professional finish.
- **Convenient 4-way media feeding** with automatic switching between media types for added productivity.
- **Rich software plug-ins** and powerful, yet simple-to-use, poster creation software (PosterArtist) incorporated as standard.
- **Simple desktop set-up** and network installation by users.
- **Compact and quiet** - it's the output not the noise that gets you noticed.



## Specifications iPF500

Class	17-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2,400 x 1,200 dpi
Printing Speed (A2 Roll)	0:21 (Draft-CAD)
Plain paper	0:47 (Standard-CAD)
Coated Paper	1:38 (Standard-Full Colour Image)
Photo Glossy Paper	
Dimensions, Weight (Net)	Main unit 819 (W) x 733 (D) x 317 (H) mm; Weight: approx. 39 kg
W x D x H (mm), (kg)	
Dimensions, Weight (Packaged)	Main unit with Palette, 960 (W) x 874 (D) x 628 (H) mm; Weight: approx. 57 kg
W x D x H (mm), (kg)	
Power Supply	
Input power	AC 220 - 240 V (50/60 Hz)
Power consumption	100 W or less
Standby power consumption (At the low power mode)	
220 V - 240 V	
Power off (standby)	
Operational Environment	
Acoustic Noise	7 W or less (when IEEE1394 is mounted, 14 W or less)
Acoustic pressure	1 W or less (In compliance with Executive Order of the President of the United States of America)
Acoustic power	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)
Minimal Line Width	Operation: 53 dB (A) or less, Standby: 35 dB (A) or less
Line Accuracy	Operation: 6.7 Bels or less 0.02mm (Theoretical value) ±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 LCD: 16 columns x 2 lines, Key x 11, LED x 4
Language on LCD	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji)
Interface	
USB2.0 Hi-Speed Type	Built-in
Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Connector type	Series B (4 pins)
Ethernet Type	Built-in
Standard	IEEE 802.3 10base-T IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex
Protocol	IPX/SPX (Netware 3.2(I), 4.1(I), 4.11(I), 4.2(I), 5.0(I), 5.1(I) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
IEEE1394 Type	Slot card type (Option)
Standard	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial
Data-transfer time	100 / 200 / 400 Mbit/sec.
Connector type	In compliance with IEEE1394 - 1995, 6 pins, No power supply
Operating Systems supported	Windows 98SE, Me, 2000, XP, 2003 / Macintosh OS 9, OS X
<b>PRINT HEAD</b>	
Model	PF-01
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head)
Nozzle pitch	1,200 dpi x 2
Nozzle per chip	2,560 nozzles per colour
Droplet size	4 pl per colour
<b>INK TANK</b>	
Model	PFI-102 (130ml)

<b>MEDIA HANDLING</b>	
Roll paper	One Roll, Back-loading, Front Output
Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper, Matt Coated Paper, Extra Matt Coated Paper, Opaque Paper, High Resolution Graphic Paper, High Resolution Barrier Paper, Water Resistant Semi Glossy Paper, Water Resistant High Glossy Paper, Instant Dry Paper Glossy, Instant Dry Paper Satin, Photo Paper High Gloss, Photo Paper Satin, Photo Paper Semi Matt, Photo Paper Pearl, Heavy Weight Glossy Photo Paper, Heavy Weight Satin Photo Paper, Commercial Proofing Paper, Commercial RC Proofing, Glossy Proofing Paper, Semi glossy Proofing Paper
Media Size	
Roll paper (width)	ISO: A3, A2, Others: 10", 14", 16", 17"
Cut sheet	ISO: A4, A3, A3+, A2, B4, B3, DIN: C4, C3, C2, JIS: B4, B3, ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", ARCH: 9 x 12", 12 x 18", Photo: 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size), Others: 13 x 22"
Media Thickness	Roll paper & Cut sheet: 0.07 - 0.8 mm
Maximum Outside Diameter of Roll Paper	150.0 mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width	Roll paper: 254 - 431.8 mm Cut sheet: 203.2 - 431.8 mm
Minimal Printable Paper Length	203.2 mm
Maximum Printable Paper Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Margins (Top, Bottom, Sides)	
Recommended area	Roll paper: Top: 20 mm, Bottom: 5 mm, Side: 7 mm Cut sheet: Top: 20 mm, Bottom: 23 mm, Side: 7 mm Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless print): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 23 mm, Side: 3 mm
Printable area	257 mm (JIS B4), 329mm (JIS A3+), 420 mm (ISO A2), 431.8 mm (ISO A2+/17"), 10", 14", 16", 24"
Media width	
<b>OPTION</b>	
Roll Holder Set	(2-inch core spindle with 3-inch media tube attachment and borderless printing space) - RH2-11
IEEE1394 Expansion Board	EB-05
<b>CONSUMABLES</b>	
Ink Tank	PFI-102 (130 ml) ; MBK, BK, C, M, Y
Print Head	PF-01
Maintenance Cartridge	MC-05
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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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