Large Format Print Solutions ideal for Proofing, Photographic and Fine Art applications

iPF8300

you can

The imagePROGRAF iPF8300 is a 44"/ A0 printer delivering superior image quality and exceptional print precision with an advanced set of features and enhanced usability.

IPF8300
44 INCH
2400 X 1200DPI
HIGH PRECISION PHOTO MODE
HIGH PRECISION TEXT / LINE MODE
12 COLOURS
A0 GLOSS 6 MINS 31 SECS
80GB HDD
30,720 NOZZLES
BORDERLESS PRINTING

Key Features

- Improved software compatibility with ICC profile-based colour management systems.
- Manage costs and track ROI – Full accounting and job costing software included.
- User friendly operation for easy access to sophisticated functions.

- New Lucia EX pigment ink system and improved image processing technology – delivering: -
  – Wider colour gamut
  – Smoother gradation, deeper dark tones and sharper blacks
  – Improved scratch resistance and reduced bronzing
  – Higher print registration accuracy for precise text and fine lines.
- Built in colour calibration – no need for external devices.
- Gigabit Ethernet compatible.

- Enhanced Print Plug-In for Photoshop / Digital Photo Professional : –
  – Support for Adobe CMM
  – Proof printing supported.
- Greater support for market leading medias.
- Borderless printing up to 42" width.
- Maximise productivity – 'Hot Swap' ink tanks, changeable during production.
- Selectable high capacity ink tanks – 330ml or 700ml.

imagePROGRAF

Canon

Specifications: iPF8300

Class	44-inch
Ink Type	Pigment inks 12 colours LUCIA EX: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B
Maximum Print Resolution	2400 x 1200dpi
Printing speed (A0 Roll, Full Colour Image)	
Plain Paper	1:58 (Draft Mode) 3:39 (Standard Mode)
Coated Paper	3:39 (Standard Mode) 7:15 (High Quality Mode)
Glossy Photo Paper	6:31 (Standard Mode) 11:11 (High Quality Mode)
Dimensions, Weight (Net) W x D x H(mm), (kg)	Main unit with Printer Stand and Basket: 1,893 (W) x 975 (D) x 1,144 (H) mm, Weight: approx. 143 kg
Dimensions, Weight (Packaged) W x D x H (mm), (kg)	Main unit: 2,080 (W) x 1,060 (D) x 867 (H) mm; Weight: approx.170kg Printer stand and Basket (All regions except USA): 1,795 (W) x 863 (D) x 363 (H) mm; Weight: approx.43 kg
Power Supply	
Input power	AC 100 - 240 V (50/60 Hz)
Power consumption	190 W or less
Standby power consumption (At the low power mode)	
220 V - 240 V	6 W or less
100 V - 120 V	5 W or less
Power off (standby)	1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	Temperature: 15 - 30ºC, Humidity: 10 - 80% (Condensation free)
Acoustic Noise	
Acoustic pressure	Operation: 50 dB (A) or less (Glossy paper, Image, Print quality: Standard) Standby: 35 dB (A) or less (measured based on ISO7779 under the above conditions)
Acoustic power	Operation: 6.8 Bels or less (Glossy Photo paper, Image, Standard) (measured based on ISO7779 under the above conditions)
Memory	
Standard Memory	384 MB
Expansion slot	No
Printer Language	GARO (Graphic Arts language with Raster Operations) Job control: CPCA, Status reply: CPCA, SNMP-MIB (Standard MIB, Canon MIB)
Firmware Type	Flash ROM
Update	Updated from USB, 1394, Ethernet port (Utility use)
Operation Panel Display	Large LCD: 160 x 128 dots, LED x 5, Key x 13
Language on operation panel	US-English, Japanese
Displayable Language on LCD	US-English, French, German, Italian, Spanish, Chinese, Korean Russian, Japanese (Kanji)
Hard disk	2.5 inch 80GB 5400 rpm S-ATA i/F
Interface	
Hi-Speed USB	
Type	Built-in
Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Connector type	Series B (4 pins)
Gigabit Ethernet	
Type	Built in
Standard	IEEE 802.3 10base-T, IEEE 802.3 1000base-T / Auto Negotiation, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3x Full Duplex
Protocol	IPX/SPX (Netware 4.2 (J), 5.1 (J), 6.0 (J), SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk
Operating Systems supported	
Windows	2000 (32 bit), XP (32 / 64 bit), Vista (32 / 64 bit), Windows 7 (32 / 64 bit), Server 2003 (32 / 64 bit), Server 2008 (32 / 64 bit)
Mac	OSX (32 / 64 bit) 10.3.9 – 10.6

PRINT HEAD	
Model	PF-05
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head x 2 print heads)
Nozzle pitch	1,200dpi x 2
Nozzle per chip	2,560 nozzles x 6 colours, 2 print heads
Droplet size	4 pl
Head replacement	User replacement

INK TANK	
Model	PFI-304/704: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B

CUTTER	
Model	New Cutter
Type	Automatic horizontal cutting (Rotary cutter)
Cutter durability (cuts)	1,500 cuts in case of using Canvas or Cloth type media

MEDIA HANDLING	
Roll paper	One roll, front-loading, front output
Cut sheet	Front loading, 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, Water Resistant Art Canvas, Artistic Matte Canvas, Artistic Satin Canvas, Universal Opaque White Film, Roll-Up Film, Scrim Banner Vinyl, Scrim Banner, Adhesive Matte Vinyl, Adhesive Matt Vinyl Stretch.
Media Size	
Roll paper (width)	ISO: A3, A2, A1, A0 JIS: B2, B1, B0 ARCH: 24", 30", 36" Others: 10", 14", 16", 17", 42", 44"
Cut sheet	ISO: A4, A3, A3+, A2, A2+, A1, A0, B4, B3, B2, B1, B0 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", 8 x 10", 16 x 20" (US Photo size) Poster: 20 x 30", 30 x 40", 42 x 60", 44 x 62", 300 x 900mm Others: 13 x 22"
Media Thickness	Roll paper & Cut sheet: 0.07 – 0.8mm
Maximum Outside Diameter of Roll Paper	150mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width	Roll paper: 254mm – 1,117.6mm Cut sheet: 203.2 – 1,117.6mm
Minimum Printable Paper Length	203.2mm (8")
Maximum Printable Paper Length	Roll paper: 18m (Varies according to the OS and application) Cut sheet: 1.6m
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: 5mm, Bottom: 5mm, Side: 5mm Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm Cut sheet: Top: 5mm, Bottom: 23mm, Side: 5mm
Media width for Borderless printing	515mm (JIS B2), 1,030mm (JIS B0), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42", 44"

OPTION	
Media take-up unit	TU-06
Roll Holder set	RH2-44

CONSUMABLES	
Ink Tank	PFI-304 (330ml): BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B PFI-704 (700ml): BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B
Print Head	PF-05
Cutter Blade	CT-06 (the design changed from that of the current models)
Maintenance Cartridge	MC-08

imagePROGRAF

FINE
Full-photolithography Inkjet
Nozzle Engineering

L-COA

Kyuanos

LUCIA ink

Canon