PREMIUM QUALITY
POSTERS AND **CAD**
imagePROGRAF iPF8400SE MFP

The imagePROGRAF iPF8400SE MFP empowers you to have on-the-spot posters that brings your creative ideas to life. Combined with our unique scanning solution, the iPF8400SE MFP also has the flexibility to scan, copy and print most CAD applications as well.

Unique to Canon, we have combined this pigment ink printer with our award winning scanning solution to offer an all-in-one CAD print, copy and scan system that also has the capabilities of printing durable graphics. This makes the iPF8400SE MFP one of the most versatile wide format solutions in the market at a price point that makes it accessible to customers that are entering this industry.

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Advanced Preview

Edit scanned document before printing to reduce wastage and costs

23" touchscreen input

Large touchscreen for ergonomic and natural input

Direct Print & Share

Canon propriety utility to allow sharing and printing of documents with minimal training and user experience

Sub-ink tank system

Ink can be changed without interrupting a print job

Accounting Manager

Software helps keep track of printing costs

At a glance

• 44" (B0) printing width
• 40" scanning width
• 6 colour LUCIA EX ink
• Borderless printing
• A0 Plain paper in 56 seconds
• B0 Size prints
• Broad media selection

iPF8400SE MFP Features

• Mulitpage pdf file creation
• pdf/a file format
• RGB colour adjustments
• Auto crop
• Optional shelf for PC Peripherals
  (keyboard & mouse)

imagePROGRAF iPF8400SE MFP
Printer Specifications

Item	Specification
Model	
Model	Canon Large Format Printer iPF8400SE
Class	44-inch
Ink Type	Pigment inks ; LUCIA EX ; 12 colours
Maximum Print Resolution	2,400 x 1,200dpi
Dimensions, Weight (Net) W x D x H (mm), (Kg)	
Main unit with Printer Stand and Basket	(W) x 971 (D) x 1,144 (H) mm Weight: approx. 117 kg (including Roll Holder Set; excluding ink and print heads) Basket close : 1,893 (W) x 734 (D) x 1,144 (H) mm
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	
Main unit with Printer Stand and Basket (pallet included)	2,080 (W) x 1,060 (D) x 840(H) mm; Weight: approx. 185 kg
Power Supply	
Input power	AC 100 - 240 V (50-60 Hz)
Power consumption - Operational	190 W or less
Power consumption - Standby	5 W or less
Power off (standby)	0.5 W or less
Operational Environment	
Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
Acoustic Noise	
Acoustic pressure	Operation: 50 dB (A) or less (Coated Paper, Image, Print priority: Standard) Standby: 35 dB (A) or less (Measured based on ISO7779 under the above conditions)
Acoustic power (LWA $_d$)	Operation: 6.8 Bels or less (Coated Paper, Image, Print priority: Standard) (Measured based on ISO7779 under the above conditions)
Detector and Adjustment	
Registration adjustment	Automatic / Manual
Banding adjustment	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	No
Colour calibration	No
Head gap adjustment	Automatic / Manual (6 levels)
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
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	
Memory	
Standard memory	384 MB
Expansion slot	No
Firmware	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations)
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, 1394, 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
Displayable Language on LCD	US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Brazilian Portuguese, Japanese (Kanji)
Hard Disk Drive	
No	
Interface	
Hi-Speed USB - Type	Built-in
Hi-Speed USB - Mode	Full Speed (12 Mbit/sec) High Speed (480 Mbit/sec), Bulk transfer
Hi-Speed USB - Connector Type	Series B (4 pins)
Gigabit Ethernet - Type	Built-in
Gigabit Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3x Full Duplex
Gigabit Ethernet - Protocol	IPX/SPX (Netware 4.2 (J), 5.1 (J), 6.0 (J)) SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk

Item	Specification
Expansion Slot	
None	
Cutter	
Model	CT-06
Type	Automatic horizontal cutting (Rotary cutter)
Media Handling	
Media Feed and Output - Roll Paper	One Roll, Front-loading, Front Output
Media Feed and Output - Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Media Feed and Output - Paper path switch (roll/cut sheet)	Manually switchable by user
Media Feed and Output - Delivery direction	Face-up, Front side
Media Feed and Output - Maximum stacking number of delivered prints	One sheet (when using the standard Basket)
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	1,117.6 mm Formal supported "Media Width" is limited to the "Media Size"(roll paper widthes) specified in this document.
Media Width - Cut sheet	203.2 - 1,117.6 mm
Minimal Printable Paper Length	203.2mm (8")
Maximum Printable Paper Length - Roll Paper	18m (Varies according to the OS and application)
Maximum Printable Paper Length - Cut sheet	1.6m
Margins - Recommended area - Roll paper	Top: 20 mm, Bottom: 5 mm, Side: 5 mm
Margins - Recommended area - Cut sheet	Top: 20 mm, Bottom: 5 mm, Side: 5 mm
Margins - Printable area - Roll paper	Top: 20 mm, Bottom: 5 mm, Side: 5 mm
Margins - Printable area - Roll paper (borderless print)	Top: 0 mm, Bottom: 0 mm, Side: 0 mm
Margins - Printable area - Cut sheet	Top: 5 mm, Bottom: 23 mm, Side: 5 mm
Borderless Printing - Media width	515 mm (JIS B2), 1,030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 17", 24", 36", 42", 44"

Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	RCM	RCM

Environment certifications	
International Energy Star Program (WW), RoHS directive	
Option	
Roll Holder Set	RH2-44
Consumables	
Print Head - Model	PF-05
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	1,200 dpi x 2
Print Head - Nozzle per chip	2,560 nozzles x 6 colours x 1 print heads
Print Head - Droplet size	4 pl per colour
Ink Tank - Model	330ml : PFI-306, 700ml :PFI-706
Ink Tank - Supply	Tubing system (with sub-tank)
Ink Tank - Colours	Matte Black, Black, Cyan, Yellow, Magenta, Red
Ink Tank - Capacity - Bundled	330 ml per colour
Ink Tank - Capacity - Sales	330ml or 700ml 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

Scanner Specification Comparison*

M 40	
Scan width (inches)	40" (101.6cm)
Document width (inches)	42" (106.7cm)
Body width (inches)	49.2" (124.9cm)
Body depth (inches)	14.4" (36.6cm)
Body height (inches)	7.3" (18.5cm)
Weight	25Kg
CIS Configuration	SingleSensor
Illumination	Full width dual LED illumination
Image quality	Better
Stitch performance	Set in manufacturing (3)
Front/rear exit	Rear (front eject)
Document handling - Face up/down	UP
Document thickness	2.0mm(1)
Paper path	Flat
Optical Resolution (dpi)	1200
Scan speed (inches/sec) 8-bit grayscale & mono @200dpi (2)	13
Scan speed (inches/sec) 24-bit color @200dpi (2)	3.0
Interface USB	3.0 (backward compatible to USB2)
Control panel	Start/Stop, Advance/rewind, ASF (Auto Size Finder) read out

M series notes:

1. Thick documents up to 2mm must be flexible and the paper return guide removed. Some media should be scanned at reduced speeds to obtain optimal image quality. Colortrac cannot guarantee to scan all media. For large media Colortrac recommend the scanner be placed on a flat surface and the operator supports the document as it enters and exits the scanner.
2. The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times and quoted top speeds will depend on the host performance and are not guaranteed for all media types. True 200 x 200dpi image capture. Competitors quote scan speeds using 'Turbo', 'Normal' or 'High Speed' modes that reduce image quality whilst suggesting that scan resolution is doubled. These modes use software interpolation to create 'virtual image pixels' from a lower resolution scan thereby increasing the number of pixels in the scan direction (&/or X-direction) in an attempt to simulate higher image resolution. Colortrac SmartLF scanners are designed to scan images fast at the optimum resolution required to capture the original image detail without compromising quality.
3. The SingleSensor is colour calibrated and accurately aligned to within +/- 0.5 pixel during manufacture. If the scanner is used in a stable, general office environment, scanner calibration and / or alignment may only occasionally be required. Operation in mobile, dusty or variable temperature environments may require more frequent scanner maintenance.

Detailed specifications for M series scanners	
Scan modes	16.7 million colour RGB (24-bit) 256 colour RGB adaptive indexed colour palette (8-bit) 256 level greyscale (8-bit) Black & White (1-bit)
Digital image processing	2D Intelligent Adaptive Thresholding (IAT) (1-bit mode) Fixed Threshold Black & White (1-bit mode) (SmartWorks MFP provides aqdditional 'post scan' image processing filters and tools
Colour space	sRGB (with SmartWorks MFP)
Colour image processing	Gamma, brightness, black & white point adjustment
Media transport system	Straight media path with front entry, rear exit or rewind to front Single driven document hold-up roller Intuitive image up scanning with centre or side document alignment Magnetic media guide to assist in high volume document scanning workflows Automatic Size Finder (ASF) with media width displayed on control panel
SingleSensor digital imaging technology	SingleSensor is a full width straight-line contact image sensor of 50,400 pixels; a Colortrac invention - patent pending. Bi-directional long-life LED light system for optimum object illumination and instant-on scanning capability 48-bit primary point colour image capture 16-bit primary point greyscale image capture Panchromatic Black & White
Scanner operation & status	Centre-lid mounted control panel with LCD media width display for auto size finder with start, stop, forward and rewind buttons Scanner status indicator LED (green, amber, red)
Scan Accuracy	+/-0.1% +/-1 pixel (The achieved scan accuracy may vary depending on the operating environment and the type & thickness of media)
Scanner optics & calibration	Chemically treated, scratch resistant, anti-Newton ring (AG) scan glass Automatic SingleSensor calibration. The SingleSensor is colour calibrated and accurately aligned to within +/- 0.5 pixel during manufacture. If the scanner is used in a stable, general office environment, scanner calibration and / or alignment may only occasionally be required. Operation in mobile, dusty or variable temperature environments may require more frequent scanner maintenance.
Interface	SuperSpeed USB3 with 3 metre USB3 cable (PC connector compatible with USB2 and USB3 sockets) Local power cable
Power requirements & consumption	External power supply 100~240VAC autosensing +/-10%, 50~60Hz Scanner power consumption 53W (scanning), 5W (standby) @ 110V/240V
Environmental/Approvals	RoHS compliant and CE, FCC, VCCI, UL, CB, CCC certification
Operating conditions	100C – 350C, 35% - 80% RH non-condensing
Stands	Stand must be mounted integral to the printer. Scanner tilted towards user. PC and flat screen VESA mounting kit. Screen can be mounted left or right and on a pole or swing arm. Paper Return Guide – curved to redirect flexible scanned documents forward to operator. Can be lifted off when not required or for scanning thick or non-flexible media.

For information and services

Scanner Disclaimer

* The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on host system performance. Quoted top speeds may be limited by the effective bandwidth of the USB2 and is not guaranteed for all media types.

** The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

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