



# LARGE FORMAT *PRINT* **SOLUTIONS**

For High Quality Posters



**Canon**

*no one sees print like you*

# THE **ULTIMATE** THE TO YOUR *BUSINESS*

Opportunities are endless! Canon large format printers for general graphics and poster printing environments. The versatility of the range ensures there's a production device designed to deal with all the general graphics you demand.

## Big benefits with Canon

When a Canon engineer, quite by chance, left a hot soldering iron lying across an ink-filled syringe in the mid-1970's, inkjet technology was born. This discovery has formed the basis for today's Canon bubblejet printers including our range of Large Format Printers.

Our LUCIA EX ink systems sit alongside numerous innovations, including Canon's next generation colour management system and the L-COA system architecture, capable of delivering unbeatable productivity in your environment.

## The range

The imagePROGRAF iPF8400SE and iPF6400SE printers are aimed specifically at users who wish to produce colourful, eye-catching sales promotion posters, banners, and point-of-purchase materials for vibrant displays at a low cost.

The new 6-color ink system adds Red ink to the standard line-up of C, M, Y, PBK, and MBK for posters and POP materials with vibrant colour.

These 6-colour, large-format solutions make on-site poster printing quick and easy, and they offer a variety of features to help enhance workflows.

Create whatever you want:

- Indoor signs
- Outdoor Signs
- Illuminated Signage
- Exhibition panels
- Posters
- Pre-press
- Layout visuals



iPF6400SE

24"



iPF8400SE

60"

# BRILLIANT *PERFORMANCE* MAKES FOR **BIG OPPORTUNITIES**

In your printing environment you need quality, dependable results across a diversity of media. And most importantly, you need to be able to satisfy the most pressing demands of your customers on time and every time. With the capability of prints up to a sizeable 44", Canon's large format printers deliver the big performance whenever you need it.

## Expect the highest quality

Posters, graphics and pre-press always look superb and incredibly consistent whatever media you choose.

Canon's unique LUCIA EX inks set new standards in expressiveness producing a huge colour gamut and excellent graduation at 2400 dpi using superfine 4pl droplets.

Automatic adjustment of the print head Inclination The multi-sensor uses an adjustment pattern to detect even minute inclination of the print heads. This measured inclination is used to adjust the printing process and to print straight vertical lines by eliminating warped lines or colour misalignment.

An ink buffer system also allows inks to be replaced without interrupting printing on all models 24" and above.

## Why Red ink is included

The SE Series is designed for the emerging infographics market. Posters, banners, and signage will stand out to your customers, thanks to the Red ink that's featured in this 6-colour LUCIA EX ink set. The Red ink helps make prints and posters more vibrant to the eye and helps bring users a simple, low-cost, yet high-quality solution for poster printing that hasn't been offered before.

## A pleasure to use

Operators are sure to appreciate the large LCD operation panel providing clear menu-driven controls that ensure quick and simple operation with minimal training. A thoughtfully designed fan system ensures the quietest of operation.

The image on this page shows the iPF8400SE linked to Canon's unique scanning solution, creating the iPF8400SE MFP. Convert this poster printer into a technical drawing copying solution with the capability to print durable posters and really diversify your possible applications.



# HANDLE WITH *EASE* AND **EXCEPTIONAL** *RELIABILITY*

Create whatever you want for Indoor signs, outdoor signs, illuminated signage, exhibition panels, posters, pre-press and layout visuals.

## **Handle media efficiently**

With various print modes and the ability to use different types of media, the SE Series offers an array of customisation options for poster creation needs. Our large format printers for posters handle them all with ease and exceptional reliability. Problems with potential media misalignment are virtually eradicated thanks to auto-skew correction which automatically adjusts for any skew in orientation and feeds the paper correctly.

## **Demand long term durability**

Make one of our devices part of your production operation and look forward to the long-term durability you would expect from a company such as Canon. For added peace of mind, our range of large format printers come with a printhead warranty. Should you buy a Canon service pack, then the printhead is covered for the life of the service contract.\*.

And for the best results well into the future, we recommend you always use Canon inks.

## **Efficient and economical**

A sub tank system is employed which works as an ink buffer and increases overall print efficiency. Ink is transported from the cartridge to the sub tank and then onto the print head. Because the ink is loaded from the sub tank - instead of the cartridge - empty cartridges can be replaced without interrupting printing and every last drop of ink is utilised.

An economy mode can be selected on all the models, thereby reducing ink usage and running costs – ideal for minimising costs and maximising profits.



High speeds  
and unbeatable  
productivity.

# BIG ON INNOVATION FOR PRINTS THAT ARE **HUGELY** IMPRESSIVE

Years of painstaking research and development have resulted in the numerous innovations incorporated in our large format printers. Everything has been developed to enable you to offer the widest range of applications to your customers.

## L-COA for outstanding productivity

Providing the optimal balance between high productivity and high quality is Canon's Large format printer Common Architecture (L-COA). L-COA helps your imagePROGRAF large format printers carry out large volume production work at speeds far in excess of the levels you might have thought attainable.



## Print with FINE technology

To deliver faithful image expression, ink droplets must be extremely small and precisely distributed. When droplets become microscopic, however, image quality is affected by problems such as uneven droplet size and placement on the paper. Conventional printing systems compensate by making multiple passes for each line but this adds significantly to print times.

Canon's FINE (Full photolithograph Inkjet Nozzle Engineering) overcomes this problem without needing to make multiple passes, producing bi-directional printing at incredible speeds. An innovation ink-nozzle manufacturing method results in precisely uniform ink droplets and outstanding photo-quality print performance.



## Canon's latest LUCIA EX 6-colour ink system\*

Extensive research and fine tuning has given birth to our latest LUCIA EX 6-colour pigment ink system, delivering quality and speeds required for colour production applications.

A new formula of the pigments offers excellent colour reproduction and increases the colour gamut by around 20% over previous LUCIA versions.

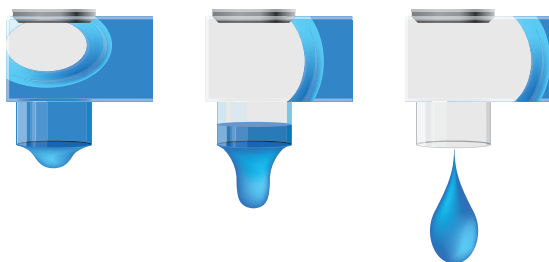
LUCIA EX also delivers prints with denser, sharper blacks and smooth colour gradations, as well as the reproduction of the finest details in the shadow areas of photographs.

The new inks are also designed with an innovative polymer structure that results in greater scratch resistance and protection from colour fading, while also reducing bronzing and metamerism to ensure durable, stable output. The new 6-color pigment ink system features red ink for vibrant reproduction of the red, oranges, and yellows often used in in-store POP and product posters. The system guarantees eye-catching output when printing on low-cost media, such as plain paper.



## Canon's FINE technology

Canon's FINE technology uses ink bubbles that are formed at the top of the nozzle to separate and eject the ink.



# POWERFUL COLOUR CALIBRATION SYSTEM

Provides high-speed printing and low downtime performance for on-the-spot printing, essential for in-house poster production.

## Notification to replace ink and other consumables

Users are notified when it is time to replace ink tanks both through audio feedback from the printer itself and through a pop-up message and tone on connected computers. This helps prevent problems with users failing to notice that ink tanks are empty (because the sub-ink tanks enable uninterrupted printing for a while even in this case), which makes the system more convenient and efficient.

## Remote email notification of printer status

The printers can send notification messages regarding printer status to registered email addresses.

Even when away from the printer, users can be informed when print jobs are finished, when errors occur (such as low ink levels), and so on via email.

This system can minimise downtime if printers unexpectedly stop printing due to errors. This function can be set from the Status Monitor.

## [Draft] mode for high-speed printing

The iPF8400SE/6400SE incorporate [Draft] mode to minimise the number of printing passes to reduce print speed. Achieves print speeds of six minutes for A1 size plain paper (using [Economy Printing] mode) and one minute for A1 size coated paper.



## Operator assistance

The printers include features that minimize downtime during printing jobs and thereby reduce operator labour.

# SOFTWARE DESIGNED EXPAND YOUR OPPORTUNITIES

When you work with Canon you work with a company that carefully considers how you run your business. That means people who understand how you operate, products designed to get the job done and added-value software equipped to maximise your business opportunities.

## Direct Print and Share

Canon introduced Direct Print and Share in 2013. This utility allows you to print multiple file formats without the need to open each one. You can simply drag and drop the files into the utility, set your print settings and click print to produce your jobs in an efficient manner.

Direct Print and Share also allows you to connect to the cloud\*. Save or retrieve files directly from the utility for maximum effectiveness and improve the collaboration between branches, your customers or simply other people you want to share files with.

## Create incredible posters

Canon's optional PosterArtist software. Designed for users who haven't the time or the necessary expertise to create highly professional posters from scratch, PosterArtist makes everything simple. With over 1,500 images and over 200 templates built-in and ready to use, the poster creation process is carried out in just four simple steps.

## Drive your business forward

Ultimate control in your production environment comes courtesy of Canon's flexible A colour profile is included designed specifically for posters to makes full use of the LUCIA EX ink system's strengths in colour reproduction. The user simply selects [Poster] as the print target in the printer driver, to achieve stunning, vibrant colour reproduction optimized for poster printing. The same profile is also provided in PosterArtist and the Print Plug-In for Office.

- In [Easy Settings]: Select the print target [Poster]
- In [Advanced Settings]: Open the [Colour Settings]

The same profile is also provided in PosterArtist and the Print Plug-In for Office.

- PosterArtist — At the [4. Print] step, select [Saturation] for matching method.
- Print Plug-In for Office — Check the [Saturation] checkbox.

By redesigning the mechanical structure of the device the minutest vibrations have been cut which means that the frame is resistant to any vibration caused during printing thus enhancing ink placement and accuracy. The incredible precision coupled with the outstanding colour quality means the device can be used as a colour proofing solution.

Canon has developed new colour conversion technology which ensures accurate colour reproduction and smoothness by utilising the full colour gamut of the imagePROGRAF printer, whilst maximising output performance and ensuring the black channel is accurately maintained through the workflow.



**For information and services**

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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.

