LARGE FORMAT
PRINT SOLUTIONS

FOR PRODUCTION



Canon

No one does it like you

THE NEXT **LEAP** FOR YOUR **BUSINESS**

Your clients have ever-changing demands. To set themselves apart from their competition they need you to deliver their creative vision.

Now you can

To fulfil a variety of large format applications, you may already have multiple devices. Or you may be passing some jobs to a 3rd party to complete. You might even lose contracts to a competitor because you can't meet your clients' requirements.

Imagine if you were able to fulfil those additional requests.

Whether it opens new doors, reduces your costs or keeps rivals out of your accounts, the possibilities could have a positive impact to your future.

The Canon imagePROGRAF PRO Series has the capability of printing a wide range of applications. They can produce line drawings quickly, photos to the highest level of detail and everything else in-between.

The imagePROGRAF PRO Series is a completely new platform. It launches a number of exclusive technologies to offer you a well-rounded solution.

The Range

Choose between the 44" iPF PRO-4000S, the most popular width in our market or the 60" iPF PRO-6000S for further flexibility. Each device offers outstanding productivity for posters and sign making, combined with the precision needed for colour proofing applications.

Create whatever you want:

- Indoor signs
- Floor murals
- Exhibition panels
- Posters
- Pre-press
- Layout visuals



iPF PRO-4000S

44"



iPF PRO-6000S

60"

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

In your production environment you need dependable results across a diverse range of media. This allows you to satisfy the demands of your customers on time, every time. With the capability to print up to 1.5m wide, Canon's Large Format production printers deliver big performance whenever you need it.

Beat your deadlines

Whichever device you choose, look forward to superb speeds and unbeatable productivity. These speeds are achieved by mirroring certain colours through Canon's single print head, therefore achieving a great print quality in faster print modes when compared to conventional printers.

A sub-tank ink system also allows inks to be replaced while printing. The devices won't stop even if the cartridge is empty.

Get the "wow" back

Whether you're printing your own work or for others, see a new level of detail and vibrancy in your prints. Canon's technicians' passion in ink technology has resulted in our new LUCIA PRO formula. There's a lot of clever science that's behind this but the main thing you need to see is the phenomenal print quality that is now possible. Colour accuracy has never been easier for proofing and poster applications.

A pleasure to use

Operators will love the large colour touchscreen that shows an overview of the options and consumables information. Press any category and see more detailed content with a simple "back" and "home" button for quick operation while at the device.

A second USB port allows printing from memory devices directly at the printer. A clear preview of the file is available to avoid misprints.

Unbeatable quality at superb speeds.



EXCEPTIONAL RELIABILITY AND EASY TO USE

Regular procedures, such as ink and paper changes, have been considered in the design of the PRO series. Instead of being a chore, take pleasure in how you interact with the range.

Handle media efficiently

Whether you want to effortlessly print on different sizes and materials or you have a long print run that you wish to leave unattended, the optional Multifunctional Roll Unit allows you to have both functions at the flick of a switch. One accessory that gives you a dual roll printer and a take-up unit to really enhance your workflow. You can even select to wind the output in different ways, depending on whether you want the print facing in or out.

Intelligent media handling allows you to load substrates without touching the roll, deskew and see how much you have left to reduce wastage and cost of misprints.

The standard media basket can be set up in six different positions depending on how you want your print to exit. Smaller sizes can be stacked in the correct order, thicker paper can gently rest on a slope or you can simply create a shallow dip so you don't need to bend down to retrieve your output.

Efficient and economical

If you feel your current printer goes into a "self-check" mode at the most inconvenient of times, then you'll be pleased to hear that a lot of these checks are done while printing in the imagePROGRAF PRO range. Multiple sensors are used to detect colour discrepancies and blocked nozzles. Without interruption, compensation for these errors are made and misprints are minimised.

The increased image quality is achieved without increasing the ink consumption. In fact, the imagePROGRAF PRO printers utilise less ink than other models* to accomplish this.

Peace of mind

The imagePROGRAF PRO range comes with a **2 year warranty** that also covers the print heads**. This is twice as long as other products in our market*** and shows how much confidence Canon has with it's technology.

Canon's Onsite Service and Support packs give you added peace of mind for up to five years with telephone support, parts, onsite engineer visits and printheads all covered.**







*When compared to the iPF8400 in lab test. Actual results may differ
**Exclusions apply. See www.canon.com.au/register for full terms and conditions
***Other imagePROGRAF models have a 12 month warranty as standard

BIG ON INNOVATION FOR PRINTS THAT ARE HUGELY IMPRESSIVE

With the end-user in mind, passionate research and development has resulted in numerous innovations incorporated in our large format printers. Everything has been developed so that your business can thrive.

The brains of the operation

To achieve all these benefits, you need to have a lot of smarts. Canon revolutionised printer control with the L-COA (Large format printer Common Architecture) engine when it was created in 2006. Ten years later, this has been redesigned to give us the L-COA PRO. This new engine controls all elements of the print from image processing to ejecting ink on the page.

A large hard drive supports the L-COA engine, rapidly freeing host PCs from operations and improving overall print efficiency.

L-COA PRO

The finer details

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.

FINE
Full-photolithography Inkjet Nozzle Engineering

The results

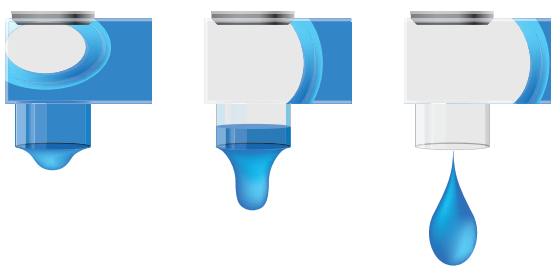
The part that counts is the end print product. That piece of material with ink on it is what this has all been about. LUCIA PRO has been developed alongside the imagePROGRAF PRO printers to deliver results that complement the hardware. Each droplet is microencapsulated so that the print surface is smoother than ever before. This smoothness reflects light more evenly and gives a more vibrant image to the viewer.

The imagePROGRAF PRO-4000S and 6000S mirror the most popular colours to maintain high speed and quality. Traditionally, printing solid colours at high speeds would result in bands. The only way to stop this is to change to unidirectional printing or increasing the quality mode. Either way, you slow down your printer. By mirroring colours, you ensure that the inks are layered in the same order whether the printhead is moving backwards or forwards. This maintains the speed without compromising the quality.

LUCIA PRO ink

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

Colour Management can be a difficult (and costly) exercise. Canon offers clever colour calibration and management tools that help you print consistently, every time. By combining our ink technology with these utilities, you can ensure that your first print and your one-hundredth print are closer reproductions of each other than ever before. Even if you're printing from different machines.

Advanced Colour Calibration

A powerful colour calibration system ensures the most stable colour reproduction attainable.

With conventional systems, variations in print output can occur. With the imagePROGRAF large format printers, a multi-sensor measures a printed calibration chart and then automatically applies the appropriate adjustment to ensure an exact match for long-term consistency.

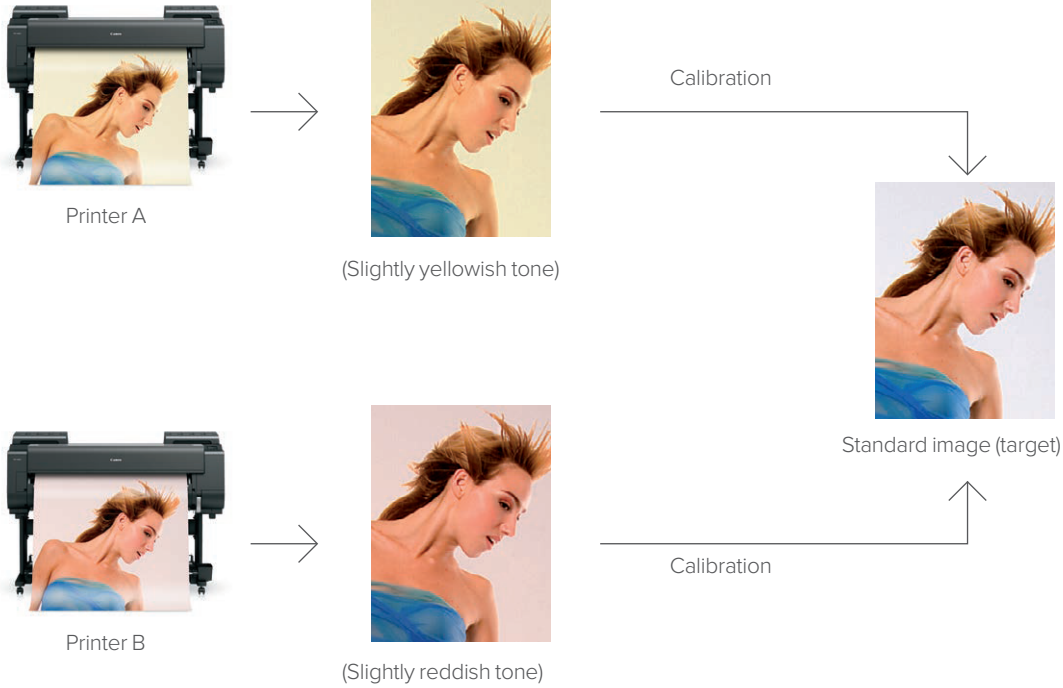
Colour proofing technology

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.

Advanced Colour Calibration



SOFTWARE DESIGNED TO 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.

Take control

To complete the offer, a variety of new software has been designed to help you work how you want to work. Print management, monitoring and workflows are all covered to make sure you get the results you need every time.

Direct Print & Share

Drag and drop files into the utility without the need to open them. Share documents and print settings via the cloud to enhance collaboration.

Remote Management Solutions

Check the status of your device or allow Canon to observe it for you. Error codes, consumable monitoring and calibration can all be performed remotely.

Accounting Manager

See the cost of every print job and export as a CSV file for easy cost management. Allocate costs to jobs, users or departments easily.

Print Studio Pro

Print from most Adobe ® programs and Canon's Digital Photo Professional to further enhance the quality of your prints.

Pro Gallery Pro

Print from your iPad and link to your Zenfolio account to print photos stored online.

PosterArtist Lite

Design your own posters quickly. Upgrade to the full version and benefit from the Autodesign feature and Variable Data input.



Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

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.

PRO Series L-COA PRO FINE Full-photolithography Inkjet Nozzle Engineering PosterArtist ENERGY STAR

Canon

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No one does it like you