

*No one does it
like you*

Canon

THE NEXT LEAP FOR YOUR BUSINESS.

Boasting a suite of user-friendly features with amazing speed and versatility; satisfy your graphic art client requests efficiently and professionally.

**imagePROGRAF
PRO-6100S / PRO-4100S**
PRO SERIES



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. You may be passing some jobs to a third party to complete. You might even lose contracts to a competitor because you can't meet your clients' requirements.

Imagine if you could fulfil those additional requests.

Whether it opens new doors, reduces your costs or keeps rivals out of your accounts, you can positively impact your future.

Canon's imagePROGRAF PRO (iPF PRO) Series has the capability of printing a wide range of applications. Quickly produce line drawings and graphics to the high level of detail.

The imagePROGRAF PRO Series launches a number of exclusive technologies to offer you a well-rounded solution.

The range

Choose between the 44" iPF PRO-4100S, the most popular width in our market or the 60" iPF PRO-6100S 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



imagePROGRAF PRO-4100S

44 inch



imagePROGRAF PRO-6100S

60 inch

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 clients on time, every time. With the capability to print up to 1.5 m 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, 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 passion for ink technology has resulted in our new LUCIA PRO formula. The clever science behind this means you see the phenomenal print quality that is now possible. Colour accuracy is now easier for proofing and poster applications.

A pleasure to use

Operators will love the large colour touch screen 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 minimise misprints.

Professional 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 printing being a chore, you'll love interacting with the imagePROGRAF PRO.

Intelligent media loading

For the first time ever, an imagePROGRAF printer can load and recognise paper without the need for human intervention. Set the roll holder in the printer and the media automatically feeds into the device. The built-in multi-sensor measures the surface reflection and the media thickness to determine the media type, without the need to manually enter it.

Remaining media estimation

Measure the remaining media on a roll without the need to print a bar code, saving both ink and media.

Multifunction roll system

The Canon Multifunction Roll System, standard on the PRO-6100S and optional on the PRO-4100S, can be used in two different ways—enabling a second roll of media to be loaded on the printer, or the unit can be configured as a bi-directional take-up unit.

Keep peace of mind

The imagePROGRAF PRO range comes with a **24 month manufacturer warranty** that also covers the print heads*.

Canon's optional on-site service and support packs available when you purchase your imagePROGRAF PRO, give you added peace of mind for up to five years with telephone support, parts, on-site technician visits and print heads included.*



* Exclusions apply. Visit canon.com.au/register for full terms and conditions.

BIG ON INNOVATION FOR PRINTS THAT ARE HUGEY 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 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.



The finer details

To deliver faithful image quality, 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 photo lithograph 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.



The results

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

The imagePROGRAF PRO-4100S and 6100S feature 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 increase the quality mode. Either way, you slow down your printer. By mirroring colours, you ensure the inks are layered in the same order whether the print head is moving backwards or forwards. This maintains the speed without compromising the quality.

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 maximise the likelihood of an exact match for long-term consistency.

Colour proofing technology

By redesigning the mechanical structure of the device the smallest vibrations have been cut. This 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 PRO printer, whilst maximising output performance and increasing the likelihood that the black channel is accurately maintained through the workflow.



POWERFUL PRINTER MANAGEMENT SOLUTIONS

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.

Professional print and layout

Canon's Professional Print & Layout (PPL) software for imagePROGRAF PRO Series printers offers features that streamline your printing workflow.

Features include:

- Can be used as stand-alone RIP or as export module in Adobe® Photoshop®, Adobe® Lightroom, or Canon Digital Photo Professional
- Create and save custom layouts
- Preview of multiple images at the bottom of the software
- 16-bit printing workflow
- Auto nesting

Accounting manager

In today's printing environment, it's more important than ever to understand how much ink and media each print job is costing your business. Both Mac® and Microsoft® compatible, Accounting Manager serves as a powerful feature to accurately manage print costs. You can now track the amount of ink and paper being consumed for large-format printing for up to 50 printers.

Quick utility toolbox

Quick Utility Toolbox is home to all the Canon PRO Series printer software and tools.

Device management console

The Device Management Console software, ideal for fleet management, lets you perform colour calibrations remotely. You can monitor the printer status of up to 50 units from any location in the world, be notified via e-mail when an error has occurred, or check the amount of ink left in the printers—without ever having to leave the comfort of your desk.

Additional software available

- Free Layout Plus
- PosterArtist Lite
- Media Configuration Tool
- Direct Print & Share
- PosterArtist (optional)



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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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