

# Designed for Efficiency, Delivered in Quality

PRO-560S



PRO-540S



PRO-540S Max. Print Width	PRO-560S Max. Print Width	LUCIA PRO ink	1.28" Wide Print Head	L-COA PRO
Multifunction Roll System	320 GB Hard Drive	3.5" Colour LCD Touch Panel	WiFi Connectivity	Direct USB Drive Printing

## Professional Production Print Quality

The imagePROGRAF PRO-540S and PRO-560S are the best solutions for large format printing productivity, delivering outstanding quality at high speeds and offering exceptional reliability.



SCAN HERE  
FOR MORE INFO

# DESIGNED FOR EFFICIENCY, DELIVERED IN QUALITY

Colour consistency, fast print speeds, and low running costs are what the new PRO Series line of large format printers were engineered for.

Introducing the Canon imagePROGRAF PRO-540S and PRO-560S large format printers. With an 8-colour LUCIA PRO ink system built for advanced printing solutions, these printers are ideal for bringing production commercial photography advertisements, signage, POS, and soft proofing businesses to the next level.



imagePROGRAF  
**PRO-540S**

PRO-540S Max. Print Width  
44" Printing Speed:  
2.9min per A0



imagePROGRAF  
**PRO-560S**

PRO-560S Max. Print Width  
60" Printing Speed:  
2.9min per A0



Core Technologies



## PRODUCTION REDEFINED

### MULTIFUNCTION ROLL SYSTEM

- Second roll media printing
- Bi-directional take-up unit



Canon thought of every detail when it came to building the ultimate large format production printer - no touch media loading, torque control on the take-up unit, a sub-ink tank system and a compact size, reaching a whole new level of performance.

Compact Size:  
PRO-540S - 1593 mm | PRO-560S - 1999 mm

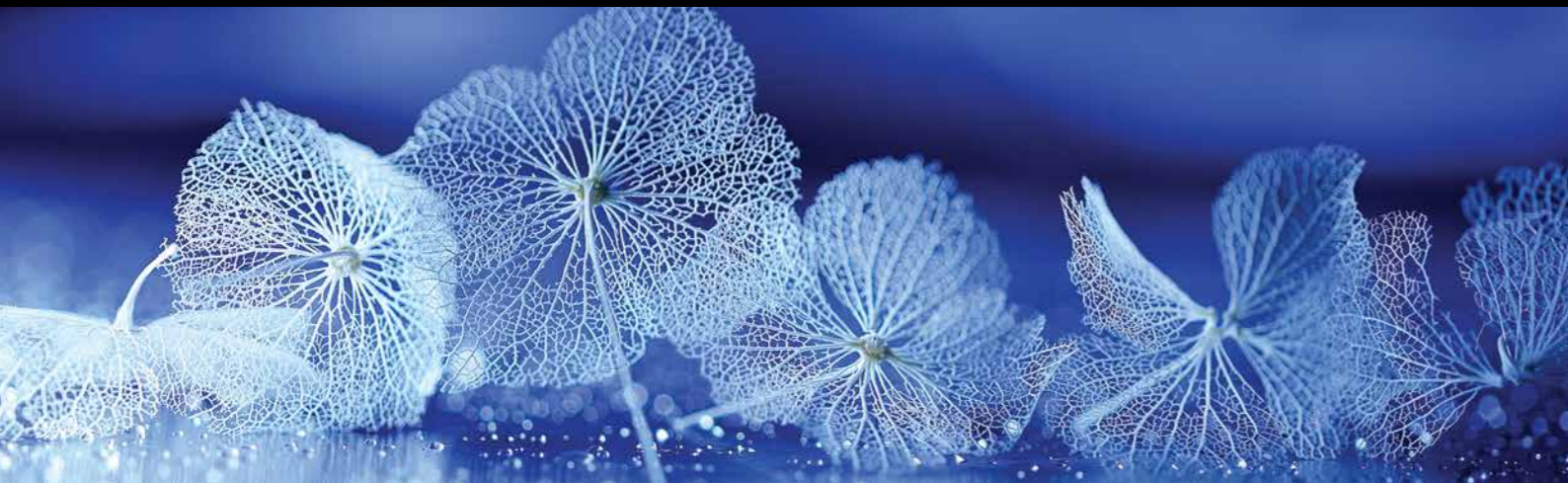


### SUB-INK TANK SYSTEM

- Enable ink tank replacement during printing



# KEEP YOUR COLOUR IN LINE



## LUCIA PRO INK SYSTEM

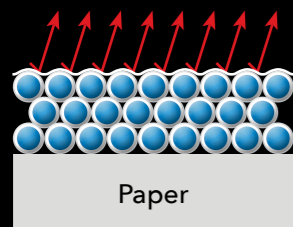


### • Wide Colour Gamut

The new LUCIA PRO ink system adopts newly formulated, microencapsulated 8 colour pigment inks. These inks help you achieve fantastic colour reproduction, image clarity, and fine lines, all ideal for creating vivid posters and advertising displays.

- Enhanced red colour performance
- Reduced graininess
- Enhanced dark area reproduction

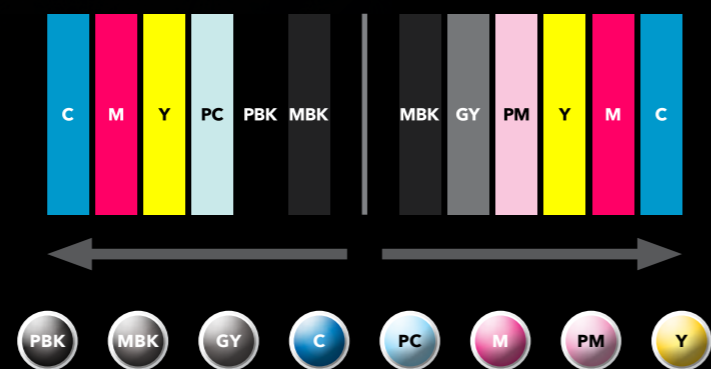
- ✓ Microencapsulated pigments
- ✓ Increased density pigments are arranged on the paper
- Rich colour expression
- Improved image clarity



### • 8 Colour Ink System

To enhance print performance, the 8 colours use all 12 ink channels in the print head. The LUCIA PRO ink is arranged in a mirror layout on the print head, symmetrically arranging the colours: C, M, Y, MBK. This layout allows for the same ejection order of the four key colours during the bi-directional printing process, resulting in faster print speeds.

Mirrored nozzle layout of dense inks



## 1.28" WIDE PRINT HEAD

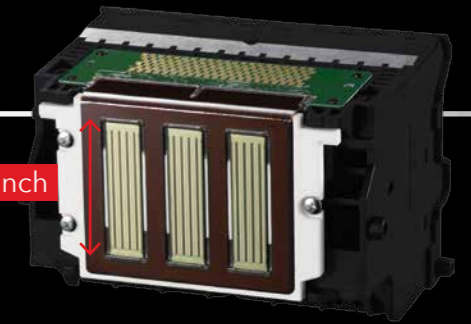
### • Newly Developed Print Head

At the heart of the imagePROGRAF PRO-540S and PRO-560S printers is a newly developed 1.28" wide, PF-10 print head with 18,432 nozzles. Using one print head as opposed to two like previous imagePROGRAF 8 colour models, the new PRO Series is able to achieve faster print speeds.

### • Anti-Clogging Technology

Ink ejection conditions are precisely checked with sensors, so if a clog is detected, another nozzle automatically provides backup. In addition to preventing wasted prints due to clogging, this also helps to reduce the frequency of nozzle cleaning.

1.28inch



WITH 18,432 NOZZLES

### • No Switching of Black Inks

The PRO Series is designed to work seamlessly when changing paper types. Matte Black and Photo Black inks have their own dedicated nozzles, so no switching is necessary. You can print on fine art paper then glossy paper with no worries, no changes, and no waste.

## L-COA PRO IMAGE PROCESSOR



### • New High-Precision Control Engine

Big jobs need fast processing. The imagePROGRAF printers are powered by the new L-COA PRO high-speed image processing engine. With three new processing chips, this high-precision control engine performs the processing of massive image data, generates the printing data, and controls the optimal ink layout that produces high-resolution prints, delivering supreme print quality at high speed.

## HIGHLY PRECISE INK PLACEMENT WITH LITTLE INTER-COLOUR DISCREPANCY

### • Uni-Body Design

The newly engineered unibody structure provides a strong platform for stable print head scanning, resulting in precise droplet placement. The perfect combination of speed and high-quality printing is achieved with this new design.

### • Multi-Sensor

All PRO Series devices include a built-in multi-sensor to help ensure colour consistency, not only from one print to the next, but also from one PRO Series device to another. With the included Device Management Console software, calibrate and monitor up to 50 PRO Series devices with ease on both Canon and non-Canon media, ensuring highly consistent colour.

### • Colour Calibration

Producing the correct colour is paramount when printing high-quality, archival work. The built-in Colour Calibration function uses a multi-sensor to read colour density and automatically calibrate the printer, so that the last print looks as stunning as the first.

# PRINTER OVERVIEW



**NEW**

## ADVANCED SOFTWARE SOLUTION

- Print Studio Pro
- Device Management Console

**NEW**

## 1.28" WIDE PRINT HEAD

- Fast, supreme quality printing with 18,432 nozzles



**NEW**

## EASY ROLL LOADING

- Automatic paper feeding
- Load rolls without touching the printing surface of the paper

**NEW**

## MULTI-POSITIONAL BASKET

- Regular basket
- Flatbed stacking
- Front delivery
- Slope



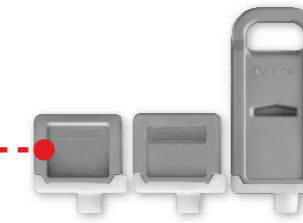
**NEW**

## WATER RESISTANT MATTE POLYPROPYLENE POSTER PAPER

- Create weather resistant posters that can be posted semi-outdoor in a short time without film lamination

## Ergonomic Compact Design

PRO-540S - 1593 mm Wide  
PRO-560S - 1999 mm Wide

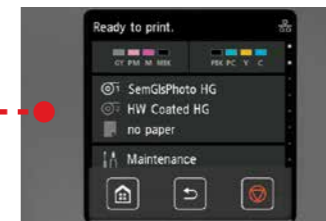


## HIGH CAPACITY INK TANKS

- 160ml, 330ml and 700ml

## HOT-SWAP INK TANKS

- Enable ink tank replacement during printing



**NEW**

## 3.5" COLOUR LCD TOUCHSCREEN

- Easily view printer information

**NEW**

## DIRECT USB DRIVE PRINTING

- Direct printing in PDF and JPEG



**NEW**

## CONNECTIVITY

- Wi-Fi (IEEE 802.11b/g/h)
- Gigabit network and high-speed USB

**NEW**

## MULTI-FUNCTION ROLL SYSTEM

- Dual roll feeding
- Rewinding function



# PRINTER MANAGEMENT SOLUTIONS

Canon developed hardware and software innovations offer unique flexibility in any production environment.

## INPUT AND OUTPUT VERSATILITY



### • WI-FI CONNECTIVITY

Stay connected. A first for the Canon imagePROGRAF large format printers, Wi-Fi connectivity is now standard with the imagePROGRAF PRO series.

### • DIRECT USB DRIVE PRINTING

- Directly print PDF and JPEG files from USB drives
- Input USB drive into the USB port on the printer, preview image on operation panel and print
- Fast and easy printing without the use of a computer

### • EFFORTLESS MEDIA LOADING

- Include media adaptors with both 2" and 3" media core adjustments
- Automatic media feed into the printer, with no need to touch the paper, decreasing the risk of creasing and blemishes

### • OPERATION PANEL

The 3.5" colour LCD touch-panel screen let users view printer information and perform commands easily.

### • MULTI-FUNCTION ROLL SYSTEM USED IN TWO DIFFERENT WAYS

- Different media type and size loading on second roll
- Operator configured as a bi-directional take-up unit

### • MULTI-POSITIONAL BASKET

The PRO Series printers offer choices on how prints will be output based on the type and quantity being produced. Each comes standard with a multi-positional basket that can be configured as any of the following:

- **Regular catch basket**
- **Flatbed stacker**
- **Slope**

## GREAT SOFTWARE SELECTION

### PRINT STUDIO PRO

Creating Canon large format prints is now easier with the introduction of Print Studio Pro plug-in for imagePROGRAF PRO Series large format printers. This software offers features that streamline your printing workflow.

Key Features include:

- **16-bit printing workflow**
- **Ability to print multiple-up images**
- **Large preview screen**
- **Import multiple images and make batch edits that apply to all**
- **Create "Favourites" settings**
- **Print history**
- **Soft proofing**
- **Edit tone curves and import/export**



## QUICK UTILITY TOOLBOX

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

### • Accounting Manager

In today's printing environment, it is more important than ever to understand how much each print job is costing your business. Compatible with both Mac and Microsoft platforms, Accounting Manager serves as a powerful feature used for accurately managing your print costs. With Accounting Manager, you can track how much ink and paper is being consumed on printing with up to 50 printers.

### • Media Configuration Tool

Recognising the expanding array of media options for large format printers and to further improve the versatility of these new imagePROGRAF models, Canon has developed a Media Configuration Tool, which allows customers to not only utilise Canon-branded media, but providing them the ability to make adjustments to printer settings to enhance the precision and quality of output achieved with custom media.

### • Device Management Console

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

Settings that can be configured using media parameter adjustment features include:

- **Media weight and thickness**
- **Ink drying**
- **Automatic cutting settings**
- **Borderless printing Paper feed amount**
- **Print-head height**
- **Vacuum strength**
- **Maximum ink usage**



### Additional Software Available

- **Print Plug-In for Microsoft Office**
- **Poster Artist Lite**
- **Media Configuration Tool**
- **Direct Print & Share**
- **Poster Artist (Optional)**

# SPECIFICATIONS

TECHNOLOGY		PRO-540S	PRO-560S
<b>Printer Type</b>		8 Colour 44"/1118 mm	8 Colour 60"/1524 mm
<b>Print Technology</b>		Canon Bubblejet on Demand (12 channels integrated Type x 1 print head)	
<b>Number of Nozzles</b>		18,432 nozzles (1,536 nozzles x 4 colours, 3072 nozzles x 4 colours)* *The four key colours (C, M, Y, MBK) are arranged symmetrically on the print head	
<b>Maximum Print Resolution</b>		2400 x 1200 dpi	
<b>Nozzle Pitch</b>		600 dpi x 2 (includes Non-firing nozzle detection and compensation system)	
<b>Line Accuracy</b>		±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	
<b>Ink Droplet Size</b>		minimum 4pl per colour	
<b>Ink Capacity</b>		Sales ink: 160ml/330ml/700ml Bundled starter ink: 330ml	
<b>Ink Type</b>		Pigment inks - Photo Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey	
<b>OS Compatibility</b>		Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10, Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2 Apple Macintosh: OSX 10.7.5 - 10.11	
MEMORY			
<b>Standard Memory</b>		3 GB	
<b>Hard Drive</b>		320 GB	
FIRMWARE			
<b>Printer Language</b>		SGRaster (Swift Graphic Raster)	
<b>PDF</b>		Supported Version 1.7 - List of the built-in fonts: Times-Roman, Helvetica, Courier, Symbol, Times-Bold, Helvetica-Bold, Courier-Bold, Zapf Dingbats, Times-Italic, Helvetica-Oblique, Courier-Oblique, Times-Bold Italic, Helvetica-Bold Oblique, Courier-Bold Oblique	
<b>JPEG</b>		Supported Version JFIF1.02	
<b>Job Control</b>		I/VEC	
<b>Status Reply</b>		SNMP-MIB (Standard MIB, Canon-MIB), I/VEC, CPCA	
<b>Direct Print</b>		JPEG/PDF	
<b>Type</b>		Flash ROM	
<b>Update</b>		Updated from USB, Ethernet port (Utility use)	
OPERATION PANEL			
<b>Display</b>		LCD (3.5 inch/8.8 cm TFT colour)	
<b>Language on Operation Panel</b>		16 Languages Selectable: Japanese/English/German/Italian/Spanish/Brazilian Portuguese/Dutch/Polish/Russian/Danish/Simplified Chinese/ Traditional Chinese/Korean/Thai/Indonesian/Turkish	
INTERFACE			
<b>USB A Port</b>	<b>Type</b>	USB Memory (Direct Print)	
<b>USB B Port</b>	<b>Type</b>	Built-in (Hi-Speed USB)	
	<b>Mode</b>	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer	
<b>Gigabit Ethernet</b>	<b>Connector type</b>	Series B (4 pins)	
	<b>Type</b>	Built-in	
	<b>Standard</b>	<ul style="list-style-type: none"> <li>IEEE 802.3 10base-T</li> <li>IEEE 802.3u 100base-TX / Auto-Negotiation</li> <li>IEEE 802.3ab 1000base-T / Auto-Negotiation</li> <li>IEEE 802.3x Full Duplex</li> </ul>	
<b>Wireless LAN</b>	<b>Protocol</b>	SNMP [Canon-MIB, HTTP, TCP/IP (IPv4/IPv6)]	
	<b>Standard</b>	IEEE802.11n/IEEE802.11g/IEEE802.11b	
	<b>Security</b>	<ul style="list-style-type: none"> <li>WEP (64/128bit)</li> <li>WPA-PSK (TKIP/AES)</li> <li>WPA2-PSK (TKIP/AES)</li> </ul>	
PRINTING SPEED			
MEDIA TYPE	PRINT MODE	A0 SIZE	
Plain Paper <sup>1</sup>	(Level 5)	00:55	
	Fast	01:34	
	Standard	02:51	
Coated Paper <sup>1</sup>	Fast	01:35	
	Standard	02:51	
	High	05:36	
Glossy Photo Paper HG 255 <sup>1</sup>	Fast	02:58	
	Standard	04:46	
	High	05:36	

<sup>1</sup> Print speed is based on the default setting using ISO JIS SCID N5 image and does not take into account data processing time on host computers. Print speed may vary depending on the system configuration, interface, software, document complexity, print mode, page coverage, type of paper used, etc.

MEDIA HANDLING		PRO-540S	PRO-560S	
<b>Media Feed and Output</b>		Roll Paper: One Roll, Front-loading, Front Output Optional Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed)	Roll Paper: Two Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed)	
<b>Media Width</b>		Roll paper: 203.2 mm-1118 mm Cut sheet: 203.2 mm-1118 mm	Roll paper: 203.2 mm-1524 mm Cut sheet: 203.2 mm-1524 mm	
<b>Media Thickness</b>		Roll/Cut: 0.07 - 0.8 mm		
<b>Minimum Printable Length</b>		203.2 mm		
<b>Maximum Printable Length</b>		Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m		
<b>Maximum Media Roll Diameter</b>		170 mm		
<b>Media Core Size</b>		Internal diameter of roll core: 2 2/3"		
<b>Margins Recommended Area</b>		Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm		
<b>Margins Printable Area</b>		Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm		
<b>Media Feed Capacity</b>		Roll Paper: One roll If second option is added then automatic switching is possible Cut Sheet: 1 sheet	Roll Paper: Two roll automatic switching possible Cut Sheet: 1 sheet	
<b>Media Take-Up Roll Unit</b>		Dual direction roll take-up unit		
<b>Borderless Printing Width (Roll Only)</b>		Recommended: 515 mm (JIS B2), 728 mm (JIS B1), 1030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 17", 24", 36", 42", 44", Printable: 257 mm (JIS B4), 297 mm (ISO A3), 329 mm (ISO A3+), 420 mm (ISO A2), 8", 16", 30", 300 mm	Recommended: 515 mm (JIS B2), 728 mm (JIS B1), 1030 mm (JIS B0), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 17", 24", 36", 42", 44", 50", 54", 60" Printable: 257 mm (JIS B4), 297 mm (ISO A3), 329 mm (ISO A3+), 420 mm (ISO A2), 8", 16", 30", 300 mm	
<b>Maximum Number of Delivered Prints</b>		Standard position: 1 sheet Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)		
POWER AND OPERATING REQUIREMENTS				
<b>Power Supply</b>		AC 100-240V (50-60Hz)		
<b>Power Consumption</b>		Printing: 112 W or less Sleep mode: 3.6 W or less Power off: 0.5 W or less		
<b>Operating Environment</b>		Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)		
<b>Acoustic Noise (Power/Pressure)</b>		Operation: 49 dB (A) (Glossy paper, Print priority: Standard) Standby: 35 dB (A) or less Operation: 6.6 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO7779 standard)		
<b>Environment Certificates</b>		RoHS		
WHAT'S INCLUDED				
<b>What's in the Box?</b>		Printer, 1 x print head, 3" paper core attachment, EU & UK Power Cable, 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet, User software CD-ROM (OSX/Windows), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet, Quick Guide and Printhead Alignment Sheet		
<b>Software Included</b>		imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite Other software available as download from web.		
ACCESSORIES OPTIONS				
<b>Printer Stand</b>		Inclusive with printer		
<b>2nd Roll Unit</b>		RU-41	RU-61 (mandatory)	
<b>2/3" Roll Holder</b>		RH2-45	RH2-65	
CONSUMABLES				
<b>Ink Tank</b>		PFI-51 (160ml), PFI-53 (330ml), PFI-57 (700ml)		
<b>Print Head</b>		PF-10		
<b>Cutter Blade</b>		CT-07		
<b>Maintenance Cartridge</b>		MC-30		
DIMENSIONS & WEIGHT		PRO-540S	PRO-560S	
<b>Packaged Dimensions W x D x H (mm) / Weight (kg)</b>	<b>Printer (Main unit with pallet)</b>	1820 x 915 x 1019 mm / Approx. 172 kg	2227 x 915 x 1022 mm / Approx. 209 kg	
	<b>Roll Unit</b>	1727 x 562 x 461 mm / Approx. 31 kg	2133 x 562 x 461 mm / Approx. 40 kg	
<b>Physical Dimensions W x D x H (mm) / Weight (kg) (including Roll Holder Set, excluding ink and print head)</b>	<b>Main Unit + Stand + Basket</b>	Basket Closed: 1593 x 766 x 1168 mm Basket Opened: 1593 x 984 x 1168 mm Approx. 121 kg	Basket Closed: 1999 x 766 x 1168 mm Basket Opened: 1999 x 984 x 1168 mm Approx. 137 kg	
	<b>Main Unit + Roll Unit + Stand + Basket</b>	Basket Closed: 1593 x 766 x 1168 mm Basket Opened: 1593 x 984 x 1168 mm Approx. 141 kg	Basket Closed: 1999 x 766 x 1168 mm Basket Opened: 1999 x 984 x 1168 mm Approx. 163 kg	
				

imagePROGRAF  
PRO-540S | PRO-560S

## Professional Production Print Quality



**Canon**

Delighting You Always

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