

imagePROGRAF  
PRO-520 | PRO-540

Canon  
Delighting You Always

# Professional from Photo to Print



PRO-520 Max. Print Width	PRO-540 Max. Print Width	LUCIA PRO ink	CO Chroma Optimiser	FINE 1.28" Wide Print Head	L-COA PRO
Crystal-fidelity	Multifunction Roll System	320 GB Hard Drive	3.5" Colour LCD Touch Panel	WiFi Connectivity	Direct USB Drive Printing

## Creates photo prints as envisioned

The best printers Canon has engineered, distinguished by a bold red line, the imagePROGRAF PRO-520 and PRO-540 are designed to bring outstanding large format photo print quality to professional photographers and fine art specialists.



SCAN HERE FOR  
MORE INFO

Business *can* be simple

# PROFESSIONAL FROM PHOTO TO PRINT

From professional photographers to graphic designers, they openly share what they need and want in a printer, like stunning black and white prints with deep blacks. Detailed gradations and a wide colour gamut that accurately reproduces even the most difficult colours.

Introducing the Canon imagePROGRAF PRO-520 and PRO-540 professional photo and fine art large format printers. The 24" and 44" wide models offer a 12 colour ink system with Chroma Optimiser ink that does it all.



**imagePROGRAF PRO-520**  
 PRO-520 Max. Print Width: 24"  
 Printing Speed: 1.7 min per A1

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

Core Technologies



## RED LINE FOR PROFESSIONALS

Powered by a Canon-to-Canon workflow that links images captured with an EOS Digital Camera and printed on an imagePROGRAF PRO Series printer, the result is a solution that delivers overwhelmingly high print quality produced by an input to output solution known as Crystal-fidelity. These unique Canon technologies and innovations establish the foundation for an ultra-high quality photography imaging solution that Canon has ever engineered, distinguished by a bold red line.



# KEEP YOUR COLOUR IN LINE

## LUCIA PRO INK SYSTEM



### • Newly Developed Pigment Ink

Newly developed for the imagePROGRAF PRO series, the 12 colour system with Chroma Optimiser ink satisfies the demands of the most critical photographer or graphic artist. The new ink system helps to deliver printing with wider colour gamut, excellent colour expression, superior dark area reproduction, low graininess, and good gloss characteristics. The newly formulated blue and magenta inks will help to recreate the finest details when printing nightscapes and sunsets, while the black inks can capture the finest detail in the darkest areas of your images, bringing them to light.



### • 12 Colours Including Chroma Optimiser Ink

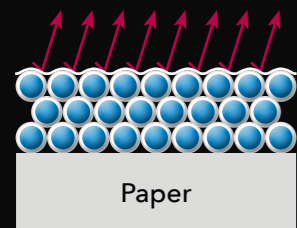


### • Wider Colour Gamut

Using new pigment ink with modified compositions, the microencapsulated LUCIA PRO ink set is tightly arranged on paper with each print head pass - creating a wider colour gamut. Incredibly accurate colour reproduction, outstanding image clarity and enhanced detail in darker areas help distinguish each print.

#### Glossy/Semi-Glossy Paper

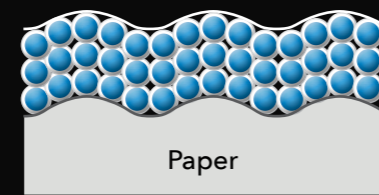
- ✓ Microencapsulated pigments
- ✓ Increased density pigments are arranged on the paper



A dense droplet placement provides a broad colour gamut and the Chroma Optimiser (CO) ink provides improved gloss uniformity for superb colour and anti-bronzing.

#### Matte/Fine Art Paper

- ✓ Pigments stay on paper surface
- Microencapsulated pigment & increased density pigments are arranged on the paper



On fine art papers, deep black density renders even the finest shadow detail for a print that becomes a work of art.

## 1.28" WIDE PRINT HEAD

### • Newly Developed Print Head

At the heart of the imagePROGRAF PRO-520 and PRO-540 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 12 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.



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

### • Unibody 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.

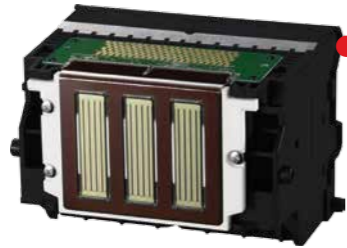


# PRINTER OVERVIEW



- 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



**Enhance Your Business With Print**  
 While saving images on a hard drive or memory card is the norm, printing these vivid images increase the perceived value of a photographer. The new Canon photo media is developed to broaden possibilities for supreme quality photo prints.

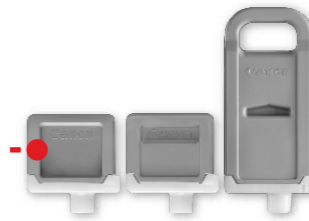


- NEW**  
**PRO PLATINUM**
- Vivid colour
  - Firm black
  - Colour fastness

- NEW**  
**PRO LUSTER**
- Calm texture
  - Good fast drying
  - Insusceptible to light

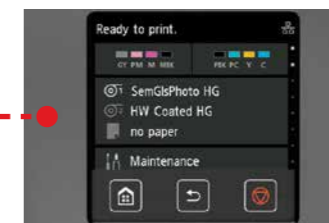
- NEW**  
**PRO PREMIUM MATTE**
- Natural whiteness
  - Luxurious thickness
  - Black and White photos with superior gradation

**Ergonomic Compact Design**  
 PRO-540 - 1593 mm Wide  
 PRO-520 - 1110 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

The imagePROGRAF PRO Series offers professionals a vast array of solutions to optimise their printing workflow, making it easier for photographers to print their photos accurately and efficiently. More importantly, the software is fully cross-platform, supporting both Windows and Apple Mac computers.

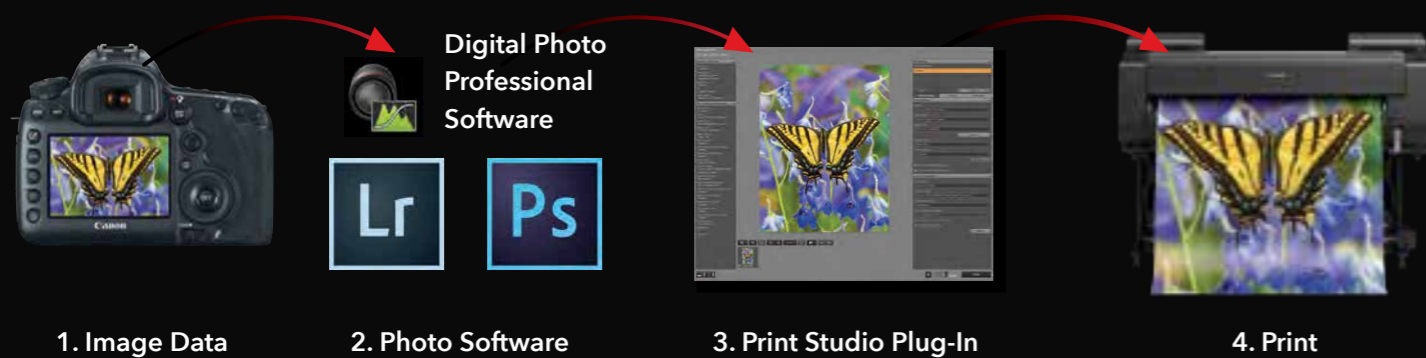
## PRINT STUDIO PRO

Creating Canon large format prints is now easier with the introduction of Print Studio Pro. This software offers features that streamline your printing workflow. Compatible with Canon Digital Photo Professional, Adobe Photoshop and Adobe Lightroom, Print Studio Pro offers versatility never before seen with Canon large format printing.

Key Features include:

- 16-bit printing workflow
- 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
- Contrast reproduction
- Gallery wrap
- Ability to print multiple-up images

## CANON LARGE FORMAT PRINTING WORKFLOW



## Crystal-fidelity

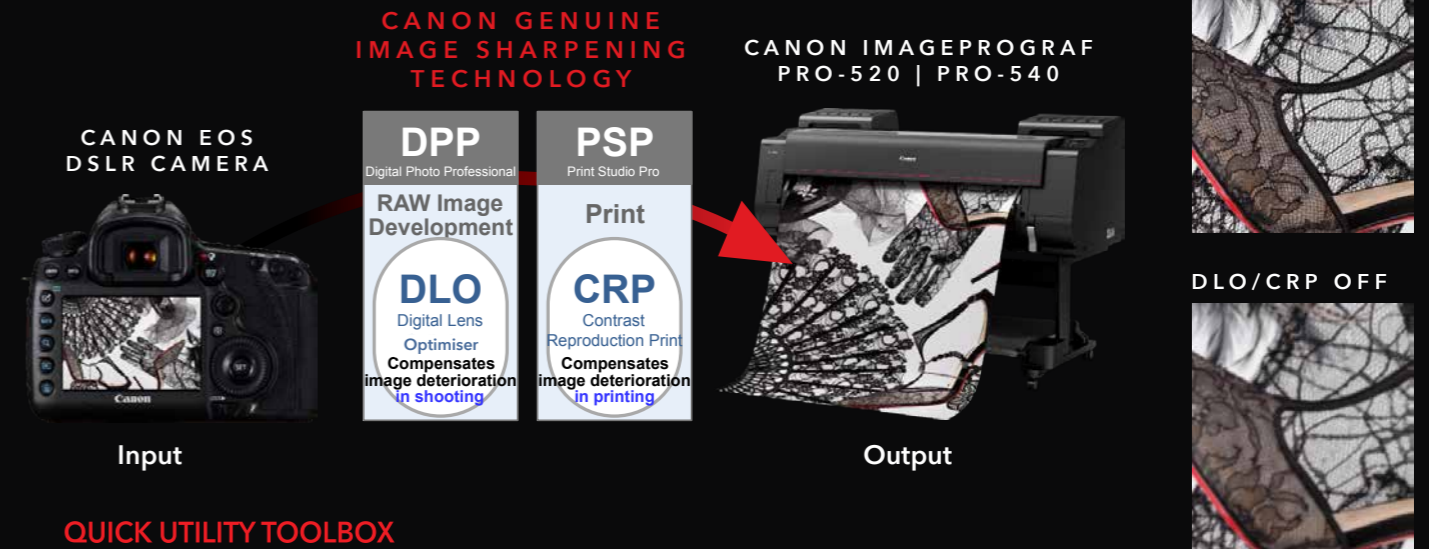
Recreating the world as we see it with our own eyes. From input to output, only Canon can make this possible with its coordinated solutions. Canon's EOS cameras and EF lenses deliver overwhelmingly high resolution while its imagePROGRAF PRO Series printers create impressive, super high-definition prints.

With Canon's genuine image sharpening technology, Digital Lens Optimization (DLO) is a feature which can either be found in EOS linked software, Digital Photo Professional, or as a feature installed in some Canon EOS cameras. Able to restore degradation of image data that may occur due to the nature of the lens through lens aberration correction, altered light is corrected to its original state using a diffraction phenomenon such as low-pass filters, faithfully and beautifully recreating original images in full sharpness.

The full structure, clarity and texture of photographs shot using Canon's EOS digital cameras can then be faithfully reproduced on paper in unique Crystal-fidelity quality using the Contrast Reproduction (CRP) function in Canon's Print Studio Pro plug-in. CRP is included with the PRO-520 and PRO-540. This function corrects any loss in sharpness during printing by analysing the differences in the printer and paper in advance. This result in a more faithful recreation of original image sharpness, achieving prints that are full of life.

Crystal-fidelity: Strong three-dimensionality, texture, and transparency

Canon is able to get the most out of EOS cameras since it knows everything about them



## 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.

### 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.

### 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 also providing them the ability to make adjustments to printer settings to enhance the precision and quality of output achieved with custom media.

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-520	PRO-540	
<b>Printer Type</b>	12 Colour 24"/610 mm	12 Colour 44"/1118 mm	
<b>Print Technology</b>	Canon Bubble-jet On Demand (12 channels integrated type x 1 print head)		
<b>Number of Nozzles</b>	18,432 nozzles (1,536 nozzles x 12 colour)		
<b>Maximum Print Resolution</b>	2400 dpi 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 4 pl per colour		
<b>Ink Capacity</b>	Sales Ink: 160ml/330ml/700ml, Bundled Starter Ink: 160ml	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, Photo Grey, Red, Blue, Chroma Optimiser		
<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>	IVEC		
<b>Status reply</b>	SNMP-MIB (Standard MIB, Canon-MIB) IVEC, 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>Connector type</b>	Series B (4 pins)	
<b>Gigabit Ethernet</b>	<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>Protocol</b>	SNMP [Canon-MIB, HTTP, TCP/IP (IPv4/IPv6)]
<b>Wireless LAN</b>	<b>Standard</b>	IEEE802.11n/IEEE802.11g/IEEE802.11b	
	<b>Security</b>	<ul style="list-style-type: none"> <li>WEP (64/128 bit)</li> <li>WPA-PSK (TKIP/AES)</li> <li>WPA2-PSK (TKIP/AES)</li> </ul>	
PRINTING SPEED			
MEDIA TYPE	PRINT MODE	A1 SIZE	A0 SIZE
Plain Paper <sup>1</sup>	(Level 5)	00:58	01:37
	Standard	01:37	02:51
	High	03:11	05:36
Coated Paper <sup>1</sup>	Standard	01:37	02:51
	High	03:12	05:36
	Highest	04:43	08:24
Photo Glossy Paper <sup>1</sup>	Standard	03:34	06:21
	High	05:38	10:05
	Highest	08:22	15:02

<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-520	PRO-540	
<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)		
<b>Media Width</b>	Roll paper: 203.2 ~ 610 mm, Cut sheet: 203.2 ~ 610 mm	Roll paper: 203.2 ~ 1118 mm, Cut sheet: 203.2 ~ 1118 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 or less		
<b>Media Core Size</b>	Internal diameter of roll core: 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		
<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), 594 mm (ISO A1), 10", 14", 17", 24" Printable: 257 mm (JIS B4)*, 297 mm (ISO A3)*, 329 mm (ISO A3+)*, 420 mm (ISO A2)*, 8"* , 16"* , 300mm* *Some environmental conditions may not produce the desired result	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* *Some environmental conditions may not produce the desired result	
<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: 48 dB (A) (Glossy paper, Print priority: Standard) Standby: 35 dB (A) or less Operation: 6.4 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), PosterArtistLite 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>	SD-21	Inclusive with printer	
<b>2<sup>nd</sup> Roll Unit</b>	RU-21	RU-41	
<b>2/3" Roll Holder</b>	RH2-27	RH2-45	
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			
Packaged Dimensions W x D x H (mm) / Weight (kg)	Printer (main unit with pallet)	1324 x 902 x 1045 mm / Approx. 129 kg	1820 x 915 x 1019 mm / Approx. 174 kg
	Stand/Basket	1111 x 797 x 223 mm / Approx. 23 kg	Inclusive with printer
Physical Dimensions W x D x H (mm) / Weight (kg) (including Roll Holder Set, excluding ink and print head)	Roll Unit	1244 x 562 x 461 mm / Approx. 23 kg	1727 mm x 562 x 461 mm / Approx. 31 kg
	Main Unit + Stand + Basket	Basket Closed: 1110 x 766 x 1168 mm Basket Opened: 1110 x 984 x 1168 mm Approx. 101 kg	Basket Closed: 1593 x 766 x 1168 mm Basket Opened: 1593 x 984 x 1168 mm Approx. 123 kg
	Main Unit + Roll Unit + Stand + Basket	Basket Closed: 1110 x 766 x 1168 mm Basket Opened: 1110 x 984 x 1168 mm Approx. 117 kg	Basket Closed: 1593 x 766 x 1168 mm Basket Opened: 1593 x 984 x 1168 mm Approx. 143 kg
			

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PRO-520 | PRO-540

Create Photo Prints as Envisioned



**Canon**  
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