

# imagePROGRAF PRO-2100

## HIGH QUALITY PRINTING WITH ADVANCED IMAGE PROCESSING

A 24 inch printer that delivers high quality printing for the graphic, fine art, and print for pay markets, in a compact size.



- **Passcode printing**

Set user print permissions and individual passcodes to restrict access and boost security

- **Automated processes**

Smart media handling automatically detects the media type and estimates remaining media

- **Software solutions**

Professional Print enables soft proofing, layout functions and pattern printing, on-screen

- **Operation efficiencies**

Work more productively by saving settings for routine print tasks, on an individual level

- **Borderless print**

Print various-sized borderless images from one roll size, with high margin adjustment accuracy

### PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF PRO-2100

## TECHNOLOGY

<b>Printer Type</b>	12 Colour 24"/610mm
<b>Print Technology</b>	Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)
<b>Print Resolution</b>	2,400 x 1200 dpi
<b>Number of Nozzles</b>	18,432 nozzles (1536 nozzles x 12 colours)
<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>Nozzle Pitch</b>	600 dpi x 2 includes Non-firing nozzle detection and compensation system
<b>Ink Droplet Size</b>	minimum 4 pl per colour
<b>Ink Capacity</b>	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 160ml
<b>Ink Type</b>	Pigment inks - 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, Windows Server 2019 Apple Macintosh: OS X 10.10.5 - OS X 10.11, macOS 10.12 - macOS 10.14
<b>Printer Languages</b>	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
<b>Standard Interfaces</b>	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB 2.0 Ethernet: 10/100/1000 base-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b <small>*Please refer to user manual how to activate/deactivate the wireless LAN</small>

## MEMORY

<b>Standard memory</b>	3 GB
<b>Hard Drive</b>	500GB (Encrypted HDD)

## PRINT TIME FOR A1 PAGE SIZE

<b>Media Type</b>	Print Mode: Print Time	
<b>Plain Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Fast	00:58 min
	Standard	01:38 min
<b>Coated Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Standard	01:38 min
	High Quality	03:11 min
<b>Glossy Photo Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Standard	03:11 min
	High Quality	05:02 min

## MEDIA HANDLING

<b>Media Feed and Output</b>	Upper Roll Paper: One Roll, Front-loading, Front Output Lower Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper: 152.4 - 610mm Cut sheet: 152.4 - 610mm
<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: 2133.6mm
<b>Maximum Media Roll Diameter</b>	170 mm
<b>Media Core Size</b>	Internal diameter of roll core: 2 1/3"
<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: Two rolls. Automatic switching is possible. Cut Sheet: 1 sheet
<b>Media Take-up roll unit</b>	Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

## Borderless Printing Width (Roll Only)

515mm(JIS B2), 594mm(ISO A1), 10", 14", 17", 24", 257mm(JIS B4)\*, 297mm(ISO A3)\*, 329mm (ISO A3+)\*, 420mm(ISO A2)\*, 6", 8", 12", 16", 20", 22", 30", 300mm\*, 500mm, 600mm and custom roll width (154.2-610mm)

\*Some environmental conditions may not produce the desired result  
Standard position: 1 sheet  
Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

## Maximum number of delivered prints

## DIMENSIONS AND WEIGHT

**Physical Dimensions WxDxH (mm) and Weight (Kg)**  
1110 x 984 x 1168 mm (Basket Open)  
1110 x 766 x 1168 mm (Basket Closed)  
117 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

**Packaged Dimensions WxDxH (mm) and Weight (Kg)**  
Printer (Main unit with pallet): 1324 x 902 x 1042 mm  
129kg  
Roll Unit: 1244 x 562 x 461 mm  
23kg

## POWER AND OPERATING REQUIREMENTS

**Power Supply**  
AC 100-240V (50-60Hz)  
**Power Consumption**  
Operation: 103 W or less  
Sleep mode: 3.6W or less  
Default setting for the time to enter the Sleep mode: Approx. 5 Minutes  
Power off: 0.5 W or less

**Operating Environment**  
Temperature: 15-30°, Humidity: 10-80% RH (no dew condensation)

**Acoustic Noise (Power/Pressure)**  
Operation: approx. 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 ISO 7779 standard)

**Regulations Certificates**  
Europe: CE mark, Russia: EAC  
TUV, CB

## WHAT'S INCLUDED

**What's in the Box?**  
Printer, Iprint heads, 3 inch paper core attachment, Power Cable, 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet, User software CD-ROM (Win), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet

**Software Included**  
imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite  
Other software available as Download from Web.

## OPTIONS

**Optional Items**  
Printer Stand: SD-21  
2/3" Roll Holder: RH2-29  
Roll unit: RU-23

## CONSUMABLES

**User Replaceable Items**  
Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml)  
Print Head: PF-10  
Cutter Blade: CT-07  
Maintenance Cartridge: MC-30

## Disclaimer

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