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Canon

A NEW ERA IN PRINTING STARTS HERE.

Whether you're an established printer or looking to enter the large format arena, the imagePROGRAF PRO-4100S has features to enhance your capabilities. Print a variety of images and documents easily, quickly and with the highest level of quality.



Canon imagePROGRAF PRO-4100S



MULTI-FUNCTIONAL ROLL UNIT

Load two rolls of media at the same time or use the second roll unit as a take-up reel with intelligent media loading and remaining media estimation



WI-FI CONNECTIVITY

Connect to your workflow how you want. Via USB, network cable or wirelessly



L-COA PRO PROCESSOR

A new control engine to process large volumes of data and optimise ink layout for ultra-fast print speeds



ACCOUNTING MANAGER

Software helps keep track of printing costs



COLOUR CALIBRATION

Built-in sensors read colour density to ensure your last print is as stunning as your first

Key features

- Intelligent Media Handling
- 4.3" Touch Screen
- Borderless Printing
- High-speed L-COA PRO Processor
- Advanced Software and Workflow Solutions
- Compact Design
- Direct USB Drive Printing
- Sub-ink Tank System

Canon thought of every detail when it came to building the ultimate large format production printer. A multitude of useful features such as no-touch media handling, hot-swap ink management and a compact footprint makes the new imagePROGRAF PRO-4100S the perfect addition to your business.

imagePROGRAF PRO-4100S SPECIFICATIONS

imagePROGRAF
PRO-4100S

Item	Specification
Model	PRO-4100S
Class	44"
Ink Type	Pigment Ink
Maximum Print Resolution	2400 x 1200 dpi
Installation	User Installation
Stand	Assembly Type
Unpackaged Dimensions W x D x H (mm), Weight (kg)	
Main Unit + Stand + Basket	1593 x 984 x 1168 (Basket Opened) 1593 x 766 x 1168 (Basket Closed) Weight Approx. 122 kg (Including Roll Holder Set, Excluding Ink and Print Heads)
Main Unit + Roll Unit + Stand + Basket	Weight Approx. 143 kg (Including Roll Holder Set, Excluding Ink and Print Heads)
Packaged Dimensions W x D x H (mm), Weight (kg)	
Printer (Main unit with stand and pallet)	1820 x 1042 x 1019 mm, Weight: Approx. 176 kg
Roll Unit	1727 x 562 x 461 mm, Weight: Approx. 33 kg
Power Supply	
Input Power	AC 100-240V (50-60 Hz)
Power Consumption	Printing: 116 W or Less
Standby Power Consumption	2.0 W or Less
Power Off (Standby)	0.3 W or Less
Operational Environment	
Temperature: 15°~30 °C, Humidity: 10°~80 % RH (no dew condensation)	
Acoustic Noise	
Acoustic Pressure	Operation Approx. 49 dB (A) Standby: 35 dB (A) or Less
Acoustic Power	Operation Approx. 6.6 Bels or Less
Detector and Adjustment	
Registration Adjustment	Automatic/Manual
Banding Adjustment	Automatic/Manual
Line Length Adjustment	Manual
Head Slant Adjustment	Automatic
Colour Calibration	Yes (with a colour calibration notification function)
Head Gap Adjustment	Automatic/Manual (6 levels)
Non-firing Detection	Yes
Non-firing Compensation	Yes
Roll Media Remaining Detection Function	Barcode Print or Estimation Function
Line Accuracy	
±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.	
Memory	
Standard Memory	3 GB
Firmware	
Languages – Printer Language	SGRaster (Swift Graphic Raster)
Update	Updated from USB, Ethernet Port (Utility Use)
Operation Panel	
Display	4.3 inch Colour LCD Touch Screen
Hard Disk	
500 GB	
Interface	
USB B Port – Type	Built-in (Hi-speed USB)
USB B Port – Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk Transfer
USB B Port – Connector Type	Series B (4 pins)
USB A Port	USB Memory (Direct Print)
Gigabit Ethernet – Type	Built-in
Gigabit Ethernet – Standard	IEEE 802.3 10base-T IEEE 802.3u 100base-TX/Auto-negotiation IEEE 802.3ab 1000base-T/Auto-negotiation IEEE 802.3x Full Duplex
Gigabit Ethernet – Protocol	SNMP (Canon-MIB), HTTP TCP/IP (IPv4/IPv6)
Wireless LAN – Standard	IEEE802.11n/IEEE802.11g/IEEE802.11b
Wireless LAN – Security	WEP (64/128bit) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
Print Head	
Model	PF-10
Type	Bubble-jet On-demand
Head Configuration	12 Colour Integrated Type x 1 Print Head
Nozzle Pitch	600 dpi x 2
Nozzle Per Chip	18,432 Nozzles (1,536 Nozzles x 4 Colour, 3,072 Nozzles x 4 Colour)
Droplet Size	Minimum 4pl Per Colour

Ink Tank		
Model	PFI-1100 (160 ml)/PFI-1300 (330 ml)/PFI-1700 (700 ml)	
Supply	Tubing System (with Sub-tank)	
Sub-ink Tank Capacity	Each Colour 30ml	
Colours	Pigment 8 Colour (PBK/MBK/C/M/Y/PC/PM/GY)	
Ink Tank Size – Sales	160 ml, 330 ml or 700 ml	
Ink Tank Size – Starter	330 ml Per Colour	
Level Detection	Detected by dot count and electrode (Empty)	
Smart Chip	Each ink tank is equipped with EEPROM which stores its ink level	
Cutter		
Model	CT-07	
Type	Automatic Horizontal Cutting (Rotary Cutter): Standard	
Other Consumables		
Maintenance Cartridge	MC-30	
Media Feed and Output		
Roll Paper	One Roll, Front-loading, Front Output	
Added Roll Paper	One Roll, Front-loading, Front Output	
Cut Sheet	Front-loading, Front Output (Manual feed Using Media Locking Lever)	
Paper Path Switch (Roll/Cut Sheet)	Manually Switchable by User	
Delivery Direction	Face-up, Front side	
Media Take-up Unit	Dual Direction – Rolling Take-up	
Media Thickness		
Roll Paper	0.07~0.8 mm	
Cut Sheet	0.07~0.8 mm	
Maximum Outside Diameter of Roll Paper		
170 mm or Less		
Media Core Size		
Internal Diameter of Roll Core: 2"/3"		
Media Width		
Roll Paper	152.4~1118 mm	
Cut Sheet	152.4~1118 mm	
Minimum Printable Paper Length		
203.2 mm		
Maximum Printable Paper Length		
Roll Paper	18 m (Varies according to the OS and application)	
Cut Sheet	2133.6 mm	
Margins – Recommended Area		
Roll Paper	Top: 20 mm, Bottom: 3 mm, Side: 3 mm	
Cut Sheet	Top: 20 mm, Bottom: 20 mm, Side: 3 mm	
Margins – Printable Area		
Roll Paper	Top: 3 mm, Bottom: 3 mm, Side: 3 mm	
Roll Paper (Borderless Print)	Top: 0 mm, Bottom: 0 mm, Side: 0 mm	
Cut Sheet	Top: 3 mm, Bottom: 20 mm, Side: 3 mm	
Borderless Printing		
Media Width	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), 6", 8", 12", 16", 20", 22", 30", 300 mm, 500 mm, 600 mm, 800 mm, 1000 mm and Custom Roll Width (152.4~1118 mm) *Printable* size is printed as micro margin technology, that means is not used with hole of planet.	
Regulations		
	Electrical Safety Regulations	Electromagnetic Interface Regulations
Australia	RCM	RCM
Environment Certifications		
TUV, CB, EPEAT		
Options		
Roll Unit	RU-43	
2/3" Roll Holder	RH2-46	

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PRO Series



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