No one does it like you

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 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

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 (1536 Nozzles x 4 Colour, 3072 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 marzin tecnology, that means is not used with hole of platen.

Regulations

Regulations	Electrical Safety Regulations	Electromagnetic Interface Regulations
Australia	RCM	RCM

Environment Certifications

International Energy Star Program WW, TUV, CB, EPEAT

Options

Roll Unit	RU-43
2/3" Roll Holder	RH2-46