

Technical Specifications

imagePROGRAF PRO-4000

TECHNOLOGY

Printer Type

12 Colour 44"/1118mm

Print Technology

Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)

Number of Nozzles

18,432 nozzles (1536 nozzles x 12 colour)

Print Resolution

2,400 dpi x 1200 dpi

Nozzle Pitch

600 dpi x 2 includes Non-firing nozzle detection and compensation system

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

minimum 4 pl per colour

Ink Droplet Size

Ink Capacity

Sales Ink: 160ml/330ml/700ml
Bundled Starter Ink: 190ml

Ink Type

Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser

OS Compatibility

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

Printer Languages

Standard Interfaces

SG Raster (Swift Graphic Raster)

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

MEMORY

Standard memory

1 GB

Hard Drive

320 GB

PRINTING PAGE SIZE/ PRINT SPEED

Plain Paper

Coated Paper

Photo Glossy Paper

MEDIA HANDLING

Media Feed and Output

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 using media locking lever)

Media Width

Roll paper: 203.2 - 1118 mm
Cut sheet: 203.2 - 1118 mm

Media Thickness

Roll/Cut: 0.07 - 0.8 mm

Minimum Printable Length

203.2 mm

Maximum Printable Length

Roll paper: 18 m (Varies according to the OS and application)
Cut sheet: 1.6 m

Maximum Media Roll

Diameter

170 mm

Media Core Size

Internal diameter of roll core: 2"/3"

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): Top: 0 mm, Bottom: 0 mm, Side: 0 mm
Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm

Media Feed Capacity

Roll Paper: One roll. If second option is added then automatic switching is possible
Cut Sheet: 1 sheet

Media Take-up roll unit

Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

Borderless Printing Width (Roll Only)

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",
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

Maximum number of delivered prints

Standard position: 1 sheet
Flat position: A2 landscape, glossy paper less than 10 sheets,
Coated paper less than 20 sheets (excludes strong curled condition)

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) & Weight (Kg)

1593 x 984 x 1168 (Basket Opened)
1593 x 766 x 1168 (Basket Closed)
Weight approx 123 kg (including Roll Holder Set, excluding ink and print heads)

Packaged Dimensions WxDxH (mm) & Weight (Kg)

Printer: (Main unit and stand with pallet): 1818 x 913 x 1012 mm,
Weight approx: 166 kg

POWER AND OPERATING REQUIREMENTS

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

Operation: 112 W or less
Standby: 1.8 W or less
Power off: 0.5 W or less

Operating Environment

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

Acoustic Noise (Power/Pressure)

Operation: TBD dB (A) (Glossy paper, Print priority: Standard)
Standby: TBD dB (A) or less
Operation: TBD Bels or less
(Glossy paper, Image, Print priority: Standard)
(Measured on ISO779 standard)

Regulations

Europe: CE mark, Germany: TUV mark, Russia: EAC,
Other countries: CB certification

Environment Certificates

International Energy Star Program (WW), RoHS

WHAT'S INCLUDED

What's in the Box?

Printer, 1x 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

Software Included

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

WHAT'S INCLUDED

Optional Items

Roll Unit: RU-41
2/3" Roll Holder: RH2-45

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



Crystal-fidelity