

# imagePROGRAF PRO-4100S

## PRODUCE SUPERIOR QUALITY GRAPHIC AND POSTER PRINTS UP TO 44 INCHES

A high print quality, 44inch large format device aimed at print service providers.



- **Borderless print**  
Print various-sized borderless images from one roll size, with high margin adjustment accuracy
- **Robust security**  
Remotely manage printer network security and control user permissions with security access levels
- **Reduce ink costs**  
Remaining media estimation saves wasted paper and ink by monitoring the amount of media left.
- **High productivity**  
Save time with automated user workflows such as media loading and media type detection
- **Software integration**  
Minimise waste by reviewing and editing images on-screen with Professional Print software

### PRODUCT RANGE



imagePROGRAF PRO-4100S



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100s

**Canon**

---

# TECHNICAL SPECIFICATIONS

# imagePROGRAF PRO-4100S

## TECHNOLOGY

|                            |  |
|----------------------------|--|
| <b>Printer Type</b>        | 8 Colour 44"/1118mm  |
| <b>Print Technology</b>    | Canon Bubblejet on Demand 8 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 4 colours, 3072 nozzles x 4 colours)  |
| <b>Line Accuracy</b>       | ±0.1% or less<br>User adjustments necessary. Printing environment and media must match those used for the adjustments.<br>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<br>Bundled Starter Ink: 330ml   |
| <b>Ink Type</b>            | Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey  |
| <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<br>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<br>USB B Port: Built-in Hi-Speed USB 2.0<br>Ethernet: 10/100/1000 base-T<br>Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b<br>*Please refer to user manual how to activate/deactivate the wireless LAN |

## MEMORY

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

## PRINT TIME FOR A0 PAGE SIZE

|                           |                        |                   |
|---------------------------|------------------------|-------------------|
| <b>Media Type</b>         | Print Mode: Print Time |                   |
| <b>Plain Paper</b>        | <b>Print Mode</b>      | <b>Print Time</b> |
|                           | Fast                   | 1:21 min          |
| <b>Coated Paper</b>       | Standard               | 2:24 min          |
|                           | <b>Print Mode</b>      | <b>Print Time</b> |
|                           | Standard               | 2:24 min          |
| <b>Glossy Photo Paper</b> | High Quality           | 5:34 min          |
|                           | <b>Print Mode</b>      | <b>Print Time</b> |
|                           | Standard               | 4:44 min          |
| High Quality              | 5:34 min               |                   |

## MEDIA HANDLING

|                                    |  |
|------------------------------------|--|
| <b>Media Feed and Output</b>       | Upper Roll Paper: One Roll, Front-loading, Front Output<br>Lower Roll Paper: One Roll, Front-loading, Front Output<br>Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever) |
| <b>Media Width</b>                 | Roll paper: 152.4-1118 mm<br>Cut sheet: 152.4-1118 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)<br>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<br>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<br>Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm<br>Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm                                   |
| <b>Media Feed Capacity</b>         | Roll Paper: Two rolls. Automatic switching is possible.<br>Cut Sheet: 1 sheet  |

## Media Take-up roll unit

|  |  |
|--|--|
| <b>Borderless Printing Width (Roll Only)</b> | Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll<br>515mm(JIS B2), 728mm(JIS B1), 1030mm(JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257mm(JIS B4), 297mm(ISO A3), 329mm(ISO A3+), 420mm(ISO A2), 6", 8", 12", 16", 20", 22", 30", 300mm, 500mm, 600mm, 800mm, 1000mm and custom roll width (152.4-1118mm)<br>*Some environmental conditions may not produce the desired result |
|--|--|

## Maximum number of delivered prints

## DIMENSIONS AND WEIGHT

|   |   |
|---|---|
| <b>Physical Dimensions WxDxH (mm) and Weight (Kg)</b> | 1593 x 984 x 1168 mm (Basket Open)<br>1593 x 766 x 1168 mm (Basket Closed)<br>141 kg (including Roll Holder Set and Roll unit, excluding ink and print heads) |
| <b>Packaged Dimensions WxDxH (mm) and Weight (Kg)</b> | Printer (Main unit with pallet): 1820 x 915 x 1019mm<br>172 kg<br>Roll Unit: 1727 x 562 x 461 mm<br>31kg  |

## POWER AND OPERATING REQUIREMENTS

|  |   |
|--|---|
| <b>Power Supply</b>                    | AC 100-240V (50-60Hz)   |
| <b>Power Consumption</b>               | Operation: 112 W or less<br>Sleep mode: 3.6W or less<br>Default setting for the time to enter the Sleep mode: Approx. 5 Minutes<br>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: approx. 49 dB (A)<br>(Glossy paper, Print priority: Standard)<br>Standby: 35 dB (A) or less<br>Operation: approx. 6.6 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard) |
| <b>Regulations</b>                     | Europe: CE mark, Russia: EAC  |
| <b>Certificates</b>                    | TUV, CB   |

## WHAT'S INCLUDED

|                           |   |
|---------------------------|---|
| <b>What's in the Box?</b> | Printer, 1print 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 |
| <b>Software included</b>  | imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite<br>Other software available as Download from Web.  |

## OPTIONS

|                       |  |
|-----------------------|--|
| <b>Optional Items</b> | 2/3" Roll Holder: RH2-46<br>Roll Unit: RU-43 |
|-----------------------|--|

## CONSUMABLES

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

## Disclaimer

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice.™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.



Canon Inc.  
canon.com  
Canon Europe  
canon-europe.com  
English edition  
© Canon Europa N.V., 2019