Specifications in detail

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)
Print Resolution
2,400 x 1200 dpi
Number of Nozzles
18,432 nozzles (1536 nozzles x 12 colour)
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
Nozzle Pitch
600 dpi x 2 includes Non-firing nozzle detection and compensation system
Ink Droplet Size
minimum 4 pl per colour
Ink Capacity
Sales Ink: 160ml/330ml/700ml
Bundled Starter Ink: 330ml
Ink Type
Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Gray, Photo Gray, 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, Windows Server 2019
Apple Macintosh: OS X 10.11.6、 macOS 10.12 ~ macOS 10.15
Printer Languages
SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces
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
*Please refer to user manual how to activate/deactivate the wireless LAN

Memory

Standard Memory
3 GB
Hard Drive
500GB (Encrypted HDD)

Printing Speed

Media Type (A0 page size)

Print Mode: Print Time

Plain Paper (A0 page size)

Fast: 01.37 min
Standard: 02.49 min

Coated Paper (A0 page size)

Standard: 02.49 min
High Quality: 05:35 min

Glossy Photo Paper (A0 page size)

Standard: 05.35 min
High Quality: 08:50 min

*Output Image: ISO JIS SCID N5

Media Handling

Media Feed and Output

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)

Media Width

Roll paper: 152.4 – 1118 mm
Cut sheet: 152.4 – 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: 2133.6mm

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: Two rolls. Automatic switching is possible.
Cut Sheet: 1 sheet

Media Take-up roll unit

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), 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)
*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 and Weight

W x D x H
1593 x 984 x 1168 mm (Basket Open)
1593 x 766 x 1168 mm (Basket Closed)
145 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)
Packaged Dimensions and Weight
Printer (Main unit with pallet): 1820 x 915 x 1042 mm
177 kg
Roll Unit: 1727 x 562 x 461 mm
33 kg

Power and Operating Requirements

Power Supply
AC 100-240V (50-60Hz)
Power Consumption
Operation: 107 W or less
Sleep mode: 2.0W or less
Default setting for the time to enter the Sleep mode: Approx. 5 Minutes
Power off: 0.3 W or less
Operating Environment
Temperature: 15~30℃, Humidity: 10~80% RH (no dew condensation)
Accoustic Noise (Power/Pressure)
Operation: approx. 48 dB (A) (Glossy paper, Print priority: Standard)
Standby: 35 dB (A) or less
Operation: 6.6 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard)
Regulations
Europe: CE mark, Russia: EAC
Certificates
TUV, CB

What's Included

What's in the Box?
Printer, 1 print head, 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), Poster Artist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet
Software Included
imagePROGRAF PRO Printer Driver, and PosterArtist Lite
Other software available as Download from Web.

Options

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

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