

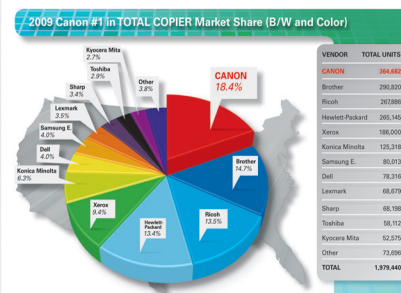
Canon

iPF605

imagePROGRAF
iPF605



TECHNICAL
DOCUMENTS
LARGE-FORMAT PRINTING



iPF605

SPECIFICATIONS



Print-Head

PF-03

Technology

FINE (Photolithography Ink-jet Nozzle Engineering)

Print Resolution (Max.)

2400 x 1200 dpi

Line Accuracy*

±0.1% or Less

Minimum Line Weight**

0.02mm

Number of Nozzles

Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size

4 Picoliter

Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

Print-Head Swath

1.07 inch

Ink Type

Dye: Cyan (C), Magenta (M), Yellow (Y), Black (K)
Pigment: Matte Black (MBK) — Two Channels

Ink Tank

PFI-102

Ink Tank Capacity

130ml per Color

Number of Colors

5

Ink Supply Method

Tubing System

Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

Printer Controller

L-COA Controller

Printer Memory

256MB

Media Feed

Top-loading Manual Feed, Front-loading Manual Feed, Rear-loading Roll Feed

Media Width

Roll Feed, Manual Feed: 8" – 24" (203mm – 610mm)

Printable Margins

Roll Feed: All Sides: 0.12" (3mm) or 0" for Borderless
Manual Feed: Top Load: 3mm All Sides
Front Load: 3mm All Sides
Except Bottom (23mm)

Minimum Printable Media Length

Roll Feed: 8.0" (203mm)

Top-Loading Manual Feed: 11.0" (279mm)

Front-Loading Manual Feed: 20.5" (520mm)

Maximum Print Length†

Roll Feed: 59' (18m)

Manual Feed (Top): 5.2' (1.6m)

Manual Feed (Front): 36.0" (914mm)

Borderless Printing Widths (Roll Media Only)

10", 13", 14", 16", 17", 24", B4 (10.12"/257mm),
A2 (16.54"/420mm), B2 (20.28"/515mm),
A1 (23.38"/594mm)

Media Cutter

Durable Rotary Blade

Media Thickness

Cassette: 0.08 – 0.3mm (3.2 – 11.8mil)

Top-Loading Manual Feed: 0.07 – 0.8mm (2.8 – 31.4mil)

Front-Loading Manual Feed: 0.5 – 1.5mm (19.6 – 59.0mil)

Roll Feed: 0.07 – 0.8mm (3.2 – 31.4mil)

Media Core Sizes

2" and 3" Core (2/3 Core Adapter Included)

Maximum Roll Outer Diameter

5.9" (150mm)

Printing Software

imagePROGRAF Printer Driver for Windows®/Mac®,
HDI Driver,†† Printer Driver Extra Kit for Windows/
Mac (Free Layout, Color imageRUNNER
Enlargement Copy, Advanced Preview), Print
Plug-in for Microsoft® Word/Excel/PowerPoint for
Windows, Digital Photo Front-Access for Windows,
PosterArtist Lite for Windows

Device Status

GARO Status Monitor, Remote UI

Printer Language

GARO (Canon Proprietary), HP-GL/2, HP RTL

Operating System

Windows XP (32/64 bit), Server 2003 (32/64 bit),
Server 2008 (32/64 bit), Windows Vista® (32/64 bit),
Windows 7 (32/64 bit); Macintosh OS X 10.3.9 -
10.6 (32 bit), OS X 10.5 - 10.6 (64 bit)

Interface

Standard (Built-in): USB 2.0 Hi-Speed, 10/100Base-T/TX
Optional: IEEE1394 (FireWire)

Acoustic Noise

Operation: 49dB (A) or Less

Standby: 35dB (A) or Less

Acoustic Power: 6.3 Bels or Less

Power Supply

AC 100–120V (50-60Hz)

Power Consumption

Maximum: 100W or Less

Standby: 5W or Less (10W or less when IEEE is mounted)

Power Off: 1W or Less (Executive Order Compliant)

Certifications

UL, FCC Class B, ENERGY STAR®

Operational Environment

Temperature: 59 – 86 F° (15 – 30 C°)

Relative Humidity: 10 – 80% (No Condensation)

Physical Dimensions (H x W x D)

13.6" x 39.3" x 26.4"

39.1" x 39.3" x 34.3" with Optional Stand

Weight

Approximately 99.2 lb.

Approximately 132.3 lb. with Optional Stand

Options

Printer Stand ST-25
IEEE1394 Expansion Board (EB-05)
Roll Holder Set (RH-24)
PosterArtist

User Replaceable Items

Print-Head (PF-03)
Ink Tanks (PFI-102)
Maintenance Cartridge (MC-16)

What's In The Box

Printer, User Software CD (Printer Driver, HDI Driver,
Utilities), Application CDs, 6 Starter Ink Tanks (MBK
x 2, Cyan, Magenta, Yellow, Black), 2" Core Media
Spool with 3" Adapter, Print-Head, Maintenance
Cartridge, Media Cutter, Built-in Ethernet/USB 2.0
Interface, Quick Setup Guide (Poster), Printer Refer-
ence Guide (Booklet), PosterArtist Lite, Power Cord,
One-Year Onsite Warranty, Registration Card

* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

** Theoretical value based on data resolution.

*** The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† The maximum printable length varies, depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008/2009/2010.

‡ Windows 2000/XP/2003 Server and for Macintosh, Auto Layout, and imageRUNNER Linking Function.

▲ For imagePROGRAF Printer Driver. For printing from PostScript® applications such as Adobe® Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with the Canon Alliance and Industry Market program list of RIP vendors located at www.usa.canon.com/imageprografsolutions.

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Specifications and availability subject to change without notice.
All printer output images are simulated. Printer is shown with optional stand.

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