

# PROFESSIONAL GRADE PRINTING FOR YOUR BUSINESS



imagePROGRAF  
TX-2100

**Canon**

# imagePROGRAF TX-2100

## SPECIFICATIONS

### Print Head

PF-06

### Technology

FINE (Photolithography Inkjet Nozzle Engineering)

### Print Resolution (Max.)

2,400 x 1,200 dpi

### Line Accuracy\*

±0.1% or less

### Minimum Line Weight\*\*

0.02 mm

### Number of Nozzles

**Matte Black:** 5,120 Nozzles  
**Other Colours:** 2,560 Nozzles per Colour

### Droplet Size

5 Picolitre

### Nozzle Pitch (Head Resolution)

1,200 dpi x two lines

### Print Head Swath

1.07"

### Ink Type

**Pigment:** Matte Black (MBK), Cyan (C),  
Magenta (M), Yellow (Y), Black (BK)

### Ink Tank

**Shipped with Printer:** PFI-310 (330 ml) MBK;  
PFI-110 (160 ml) BK, C, M, Y  
**Replacement:** PFI-110 (160 ml), PFI-310 (330 ml),  
or PFI-710 (700 ml)

### Ink Supply Method

Tubing System with Sub-tanks

### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

### Printer Controller

L-COA PRO

### Printer RAM

128 GB (Virtual), 2 GB (Physical)

### Hard Drive

500 GB (Encrypted)

### Mailboxes (User Job Storage)

One Common Inbox; 29 User Inboxes (Password  
- protected)

### Media Feed

**Roll Feed:** One Roll, Front Loading, Front Output,  
Manual

### Media Width

**Roll Feed:** 152.4–610 mm (6"–24")  
**Cut Sheet:** 152.4–610 mm (6"–24")

### Printable Margins

**Roll Feed:** All Sides: 3 mm, 0 mm for borderless  
**Cut Sheet:** Top: 3 mm, Bottom: 12.7 mm,  
Sides: 3 mm

### Maximum Print Length (Single Page)\*

**Roll Feed:** 18 m

**Cut Sheet:** 1.6 m

### Borderless Printing Widths (Roll Media Only)

**Recommended:**

515 mm (JIS B2), 594 mm (ISO A1), 10", 14", 17", 24"

**Printable:**

257 mm (JIS B4), 297 mm (ISO A3), 329 mm (ISO  
A3+), 420 mm (ISO A2), 6", 8", 12", 15", 16", 18",  
Custom Roll Width (152.4–610 mm)

### Media Cutter

Automatic Horizontal Cutting (Rotary Cutter)

### Media Thickness

0.07–0.8 mm

### Media Internal Diameter Sizes

2" and 3" (Adapters included)

### Maximum Roll Outer Diameter

170 mm

### Media Output

Multiposition Basket (Standard)

### Printing Software Utilities

Accounting Manager, Apple AirPrint, Device  
Management Console, Direct Print Plus, Free  
Layout Plus, imagePROGRAF Printer Driver for  
Windows®/Mac®, Media Configuration Tool,  
PosterArtist Lite for Windows, Optimised Driver  
for AutoCAD, Print Plug-in for Microsoft® Word/  
Excel/PowerPoint® for Windows, Quick Utility  
Toolbox

### Operating System

Windows 8.1 (32/64 bit), Windows 10 (32/64 bit),  
Windows Server 2012 (64 bit), Windows Server  
2012 R2 (64 bit), Windows Server 2016 (64 bit),  
Macintosh OS X v10.10.5–v11.x

### Print Language

**Printer:** SGRaster, HP-GL/2, HP RTL, PDF, JPEG

### Interface

**Standard (Built-in):** USB 2.0 Hi-Speed  
(USB B port), 10/100/1000Base-T, Wireless LAN  
(IEEE 802.11 b/g/n)\*, Direct Printing via USB  
Memory (USB A port)

### Acoustic Noise

**Operation:** 50 dB (A) or less

**Standby:** 35 dB (A) or less

**Acoustic Power:** 6.8 Bels or less  
(measured on ISO7779 standard)

### Power Supply

AC 100–240 V (50–60 Hz)

### Power Consumption

**Maximum:** 87 W or less

**Standby:** 2.0 W or less

**Power Off:** 0.3 W or less

### Operational Environment

**Temperature:** 15–30°C

**Relative Humidity:** 10–80% (No Dew  
Condensation)

### Printer Dimensions (W x D x H) and Weight

**With Basket Opened:**

1,110 mm x 984 mm x 1,168 mm

Approx. 91 kg

### Package Dimensions (W x D x H) and Weight

**Printer (main unit with stand, basket and pallet):**

1,324 mm x 902 mm x 1,055 mm

Approx. 110 kg

**Stacker:** 969 mm x 906 mm x 291 mm

Approx. 21 kg

**Roll Unit:** 1,244 mm x 562 mm x 461 mm

Approx. 22 kg

### Options

Roll Unit: RU-22

Roll Holder: RH2-29 (2/3")

Stacker: SS-21

PosterArtist

### User-Replaceable Items:

Ink Tank (PFI-110/PFI-310/PFI-710)

Print Head (PF-06)

Maintenance Cartridge (MC-30)

Cutter Blade (CT-07)

\* Line accuracy repeatability is maximised after a user performs necessary adjustment and under the same environmental conditions.

\*\* Theoretical value based on data resolution.

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

‡ Wireless printing requires a working network with wireless 802.11b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network client.

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