

imagePROGRAF TX-2100

FAST, CONTINUOUS PRINTING FROM A 24-INCH MULTIPURPOSE PRINTER WITH SMART SOFTWARE AND FLEXIBLE BORDERLESS PRINTING FEATURES

High-speed, multipurpose, large format inkjet printer for Poster and CAD production, with improved usability and flexibility.



- **Fast printing**
Increased print speeds and continuous printing for high-quality posters and CAD drawings
- **Superb quality**
Canon's legacy inkjet technology achieves bold, vivid colours even on economical paper
- **High productivity**
Innovative features such as hot swap ink tanks and an automatic media detecting system facilitate production workflows
- **Custom sizing**
Free-size borderless printing supports all printing sizes for increased media flexibility and reduced post-production time
- **Space saving**
A compact design and full front accessibility enables easy installation of large-format printers even in offices with limited space
- **Enhanced security**
Improved security fulfils the industry standard requirement
- **Intuitive operation**
A 4.3-inch LCD touchscreen indicates accurate media information at a glance
- **Weather resistant**
Full pigment ink offers excellent weather resistance, while a water resistant media option boosts robustness

PRODUCT RANGE



imagePROGRAF TX-3100



imagePROGRAF TX-4100



imagePROGRAF TX-3100 MFP Z36

Canon

TECHNICAL SPECIFICATIONS

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TECHNOLOGY

Printer Type	5 Colour 24"
Print Technology	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
Print Resolution	2,400 x 1,200 dpi
Number of Nozzles	Total : 15,360 nozzles MBK : 5,120 nozzles BK, C, M, Y : 2,560 nozzles each
Line Accuracy	±0.1% or less
Nozzle Pitch	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system
Ink Droplet Size	5 pl per colour
Ink Capacity	Bundled Starter Ink: 330ml (MBK)/160ml (BK, C, M, Y) Sales Ink: 160ml/330ml/700ml
Ink Type	Pigment inks : 5 colour MBK/BK/C/M/Y
OS Compatibility	Microsoft Windows 32 Bit: 7, 8.1, 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows Server 2008R2, 2012, 2012R2, 2016, 2019 Apple Macintosh: macOS 10.12.6-macOS 10.15
Printer Languages	HP-GL/2, HP RTL, 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 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	128GB (Physical memory 2GB) Expansion slot : No
Hard Drive	500GB (Encrypted)

PRINTING SPEED

CAD Drawing:	
Plain Paper (A1)	0:21 (Fast Economy Mode) 0:22 (Fast) 0:35 (Standard)
Poster:	
Plain Paper (A1)	0:22 (Fast Economy Mode) 0:24 (Fast) 0:43 (Standard)
Heavy coated Paper (A1)	0:53 (Fast) 1:20 (Standard)

MEDIA HANDLING

Media Feed and Output	Roll Paper : One Roll, Front-loading, Front Output Added Roll Paper : One Roll, Front-loading, Front Output Cut Sheet : Front-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper : 152.4mm - 610mm Cut sheet 152.4mm - 610mm
Media Thickness	Roll/Cut : 0.07mm - 0.8mm
Minimum Printable Length	Roll paper : 101.6mm (Excluding Cloth, Canvas, Tracing Paper and Translucent Matte Film media. These media are 200mm.) Cut sheet : 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 (Apple AirPrint : Top: 20 mm, Bottom: 31 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: 12.7 mm, Side: 3 mm (Apple AirPrint : Top: 3mm, Bottom: 12.7mm, Side: 3mm)
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)	[Recommended] 515mm(JIS B2), 594mm(ISO A1), 10", 14", 17", 24" [Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm (ISO A3+), 420mm(ISO A2), 6", 8", 12", 15", 16", 18", 20", 22", 300mm, 500mm, 600mm and custom roll width (152.4 - 610mm) **"Printable" size is printed as micro margin technology, that means it not used with hole of platen.

Maximum number of delivered prints

[Multi-position basket]
Standard position: 1 sheet
Flat position: A2 landscape, glossy paper 10 sheets, Coated paper 20 sheets, Plain paper 20 sheets (excludes strong curled condition)
[Stacker]
Basket position : 1 sheet (excludes curled condition)
Folding position : A1 portrait, CAD drawing, Plain paper 20 sheets, Uncoated paper 100 sheets (excludes curled condition)
Stacking position : A2 landscape, CAD drawing, Plain paper 100 sheets, Uncoated paper 100 sheets (excludes curled condition)

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)

1110 x 984 x 1168 mm (Basket Open)
1110 x 766 x 1168 mm (Basket Closed)
91 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

Packaged Dimensions WxDxH (mm) and Weight (Kg)

Printer (Main unit with pallet): 1324 x 902 x 1055 mm
110 kg
Roll Unit: 1244 x 562 x 461 mm
22 kg

POWER AND OPERATING REQUIREMENTS

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

Operation: 87 W or less
Sleep mode: 2.0 W 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°C, Humidity: 10-80% RH (no dew condensation)

Acoustic Noise (Power/Pressure)

Operation: 50 dB (A) (Plain paper, Standard mode, Line Drawing/Text mode) (Measured on ISO 7779 standard)
Standby: 35 dB (A) or less
Operation: 6.8 Bels or less (Plain paper, Standard mode, Line Drawing/Text mode) (Measured on ISO 7779 standard)

Regulations

Europe: CE mark, Russia: EAC
Other Countries : CB certification

Environment Certificates

TUV, CB

WHAT'S INCLUDED

What's in the Box?

Printer, 1 x Print Head, 1 x Roll holder (spool), 3" Paper Core Attachment, 1 Set of Starter Ink Tanks, Set Up Guide, Safety/Standard, Environment Leaflet
User software CD-ROM (Windows), PosterArtist Lite CD-ROM
EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet

Software Included

imagePROGRAF TX Printer Driver and PosterArtist Lite, Other software available as Download from Web.

OPTIONS

Optional Items

2/3" Roll Holder: RH2-29
Printer Stand : SD-21
Roll Unit : RU-22
Stacker : SS-21
IC Card Reader : RA-01

CONSUMABLES

User Replaceable Items

Ink Tank: PFI-110 (160ml), PFI-310 (330ml), PFI-710 (700ml)
Print Head: PF-06
Cutter Blade: CT-07
Maintenance Cartridge: MC-30

Notes & Recommendations

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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.



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