

BRING YOUR WORK TO LIFE WITH A NEW CANON TX SERIES PRINTER

For when you need to print, scan and share large format documents professionally.



imagePROGRAF
TX-2100



imagePROGRAF
TX-3100



imagePROGRAF
TX-4100

Canon

SHARE YOUR VISION IN AMAZING CLARITY AND QUALITY

Showcase your technical drawings, proof your designs, and present your work in vivid colour with Canon's large format printers. Choose from a range of print sizes and capabilities, and let your work shine through with our new models:

- 24" imagePROGRAF TX-2100
- 36" imagePROGRAF TX-3100
- 44" imagePROGRAF TX-4100
- 24" imagePROGRAF TX-2100 MFP Z24 Scan-to-Copy/File/Share Solution
- 36" imagePROGRAF TX-3100 MFP Z36 Scan-to-Copy/File/Share Solution
- 44" imagePROGRAF TX-4100 MFP Z36 Scan-to-Copy/File/Share Solution



Maintaining its reputation for unrivalled print quality, the new imagePROGRAF TX Series combines Canon print heads and five-colour, full pigment LUCIA TD inks to deliver fine lines, pin-point text and vibrant colours even on plain paper – ideal for high-precision CAD drawings and posters. For prints that will be used outside, the inks offer excellent weather resistance and can be used with Canon's water-resistant media.

Whether printing vibrant, high-quality posters or multiple copies of high-definition CAD drawings, the new imagePROGRAF TX Series delivers borderless prints at the push of a button, either from a PC or direct from a USB stick. Quick start-up time and rapid processing eliminates delays, and with continuous high-speed printing at up to 3.2 pages per minute and no trimming required, productivity is assured.

For fast, efficient scanning and printing, the multifunctional imagePROGRAF MFP models incorporate a newly developed,

lightweight Z36 scanner that uses SingleSensor™ technology. This innovation saves time and performs an accurate, even scan across the full width, without the need for stitching or calibration. These MFP solutions carry on the existing strengths of High-speed scanning and copying together with High productivity by parallel printing and scanning. The imagePROGRAF MFP solution has excellent usability with a wide variety of image editing and preview functions via a large 15.6" multi-touch flat screen.

ADVANTAGES BUILT RIGHT IN

Automatic Media Detection

The new TX series can detect the media type you are using and detect remaining length. No manual setting is required.

Second Roll Option

The optional Multifunction Roll System can be used in two ways. You can load a second roll of media, so you can automatically switch between media types and sizes, without interrupting your workflow. Or the unit can be operator-configured as a bi-directional take-up unit. For production printing, two rolls of media up to 198 m in length each (170.2 mm diameter) can be loaded on the printer, giving you the ability to produce over 400m² of continuous printing on the TX-4100.

Security Features

The imagePROGRAF TX Series large format printers come equipped with security features designed to help protect confidential information. Features include:

- Encrypted Hard Drive
- Secure Disk Erase (Conforms to U.S. Department of Defense standard DoD5220.22-M)
- IPsec Support
- SSL/TLS
- 802.1x Authentication

LUCIA TD Pigment Ink

imagePROGRAF TX Series printers have an all-new, 5-colour LUCIA TD Pigment ink system. This ink produces fine lines and sharp text, even on non-inkjet coated paper, and provides a balance between bleed resistance, black density, and water resistance not found in dye ink. Choose from 160ml, 330ml, or 700ml ink tanks.



Hot-Swap Ink Tank Replacement

Our Sub-Ink Tank System comes standard with all imagePROGRAF printers for uninterrupted printing. This feature helps combat waste, by ensuring that all available cartridge ink is used.

TX Stacker (optional)

The optional TX Stacker can stack up to 100 sheets of A0 (841 x 1,189 mm), A1 (594 x 841 mm), A2 (420 x 594 mm) page sizes for increased productivity. When not needed, the TX Stacker can be folded to reduce its footprint.

Automatic Media Loading

For ease of use, imagePROGRAF TX Series printers offer Automatic Media Loading. Simply load a roll of media onto the roll holder, place it in the printer, and that's it. The printer is able to detect the roll and automatically feed the media. No manual roll feeding is required.

PRINTING SOLUTIONS

Borderless Print

Print borderless on a huge range of media sizes, requiring no hand trimming. This also has the benefit of maximising the paper roll usage and minimising waste.

Canon's Print-Plug-In For Microsoft® Office

Makes printing enlargements from Microsoft® Excel®, Word, and PowerPoint® as easy as printing to a desktop printer. The on-screen wizard simplifies settings, scaling and paper size selection.

Autocad® Optimised Printer Driver

Our optimised printer driver enables accurate printing of data created with AutoCAD®.

Media Configuration Tool

Register new or custom media types and update the list of Canon GENUINE™ media.

PosterArtist Lite

Poster-creation software for PCs makes it easy to create posters, signs, and banners from hundreds of customisable templates and stock images. With simple, on-screen instructions to guide users through the process, anyone in the business can design and print amazing posters.

Direct Print Plus

Newly developed job submission tools gives faster processing speed and improved operability.

Direct Print Plus warns users of miss printing before starting job.

Direct USB printing allows you to plug in a memory stick, preview your image on the operation panel and print.



Accounting Manager

Take the guesswork out of calculating your ink consumption. Track ink and media usage across up to 50 devices and keep on top of your printing costs.

SCANNER AND SOFTWARE

SmartWorks MFP scanning software simplifies large format scanning with intuitive operations on the touchscreen display. Even novice users can easily scan, copy, or edit large format images.

Z24/Z36 Scanner

The Z24/Z36 scanner incorporates the SingleSensor Technology Assembly, which helps provide consistent and better colour accuracy with more detail in the shadows and highlights than a staggered CIS array scanner.

Scanner features:

- Scanning speed of up to 13 ips (monochrome) and 6 ips (colour)
- Scan a document up to 2.0 mm thick
- Face up/front load/rear exit
- Straight paper path
- Scanner and printer work independently allowing for greater productivity

SmartWorks Software

New enhancements have been made to the SmartWorks Software included with the TX-2100 MFP Z24, TX-3100 MFP Z36, and TX-4100 MFP Z36 printers.

SmartWorks offers:

- An easy-to-use interface with customisable background and presets
- Scan-to-Multipage PDF as a standard feature
- Ability to mark up documents directly on the monitor
- Real-time preview on the large 15.6" touchscreen

imagePROGRAF TX MFP NEW Z24/Z36 LARGE FORMAT SCAN/COPY PRINTER SOLUTION*



* Image shown is with optional Multifunction Roll System

imagePROGRAF TX SERIES 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:

TX-2100/TX-3100:

160 ml (C, M, Y, BK), 330 ml (MBK)

TX-4100:

330ml (C, M, Y, BK, MBK)

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)

Personal and Common job boxes can store up to 100 print jobs in each location

Media Feed

Additional roll feed available as an option.

Media Width

TX-2100: 152.4–610 mm (6"–24")

TX-3100: 152.4–917 mm (6"–36")

TX-4100: 152.4–1,118 mm (6"–44")

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)

Please refer to the TX-2100, TX-3100 and TX-4100 specification sheets

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:

TX-2100: 50 dB (A) or less

TX-3100: 51 dB (A) or less

TX-4100: 51 dB (A) or less

Standby: 35 dB (A) or less

Acoustic Power: 6.9 Bels or less

(measured on ISO7779 standard)

Power Supply

AC 100–240 V (50–60 Hz)

Power Consumption

Maximum:

TX-2100: 87 W or less

TX-3100: 115 W or less

TX-4100: 116 W or less

Standby: 2.0 W or less (using wired LAN)

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

Please refer to the TX-2100, TX-3100 and TX-4100 specification sheets

Package Dimensions (W x D x H) and Weight

Please refer to the TX-2100, TX-3100 and TX-4100 specification sheets

Options

- Multifunction Roll System (**TX-2100:** RU-22, **TX-3100:** RU-32, **TX-4100:** RU-42)
- 2"/3" Roll Holder Set (**TX-2100:** RH2-29, **TX-3100:** RH2-34, **TX-4100:** RH2-46)

- Stacker (SS–21, SS–31, SS–41)

- 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. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.

** 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 clients.

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