

Canon

imagePROGRAF TZ Series

WHERE PRECISION MEETS PRODUCTIVITY



imagePROGRAF TZ-32000 MFP Z36

INNOVATION

imagePROGRAF

TZ-32000

36"
printer

Up to
243
D-size
prints/hour**

Dual Roll
Standard



imagePROGRAF

TZ-32000 MFP Z36

Scan up to
13 ips B/W
6 ips Color

Scan up to
1200 dpi

15.6"
Controller



THE FASTEST imagePROGRAF EVER

Designed for optimal production, efficiency, and versatility, the imagePROGRAF TZ large-format printer is a cutting-edge hybrid solution. It stands out in the production aqueous inkjet market with its capability to print a wide range of output from monochrome line drawings to vibrant full-color posters on various media substrates.

Key Features:

- **LUCIA TD 5-Color Pigment Ink System**—the Magenta ink and improved line clarity help produce detailed lines and sharp text for CAD designs, signage, and more.
- **Intelligent Media Handling** offers automatic media switching capabilities, feeding and type/length/width detection for enhanced operation that is approximately 34 percent faster than previous generations.
- **Integrated Top Output Stacker** for easy handling of up to 100 ARCH E prints from the front of the printer.
- **Twin Carriage Motors and parallel processing** included for maximum productivity.



ARCHITECTURE



ENGINEERING



CONSTRUCTION



MANUFACTURING



GOVERNMENT
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PROFESSIONAL
PRINT SHOPS



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Have more confidence knowing Canon's innovative patented technology and advanced security features will help lead to more productive printing.

LUCIA TD 5-Color Pigment Ink System

Now featuring newly developed magenta ink, the imagePROGRAF TZ Series is designed to deliver outstanding red color reproduction. With the ability to create eye-catching posters, as well as fine-detailed CAD documentation, these devices are suitable for a wide range of applications. The use of pigment ink for all colors helps to ensure prints are resistant to fading, making them ideal for poster output, but also provides water resistance for outdoor prints such as technical documents and line drawings.

Improved Line Clarity

New image processing improvements and LUCIA TD ink help to enhance CAD drawings, blueprints, AEC documentation, and poster reproductions with a large color gamut and improved text and line quality. This makes output more crisp, defined, and clear.

Color Calibration

Now available in the imagePROGRAF TZ Series, the ability to calibrate your printer helps ensure your output is color consistent over time and across multiple TZ-32000 devices.

Speed*

At up to 4 D-size prints a minute, this is the fastest imagePROGRAF ever! In addition, the imagePROGRAF TZ Series has faster media loading from the previous model by approximately 34 percent.

Ease of Use

The imagePROGRAF TZ Series has been built with production and efficiency in mind with an easy-to-use dual-roll design, front top output stacker—fitting up to 100 ARCH E sheets—and 4.3" user interface screen. The user interface screen displays the ink and sub-ink tank levels, media indicator levels, and other setting prompts all on the home screen!

Intelligent Media Handling

Simply place a roll of media on the opened drawer and slide the media into the printer with ease! Once the media is loaded into the imagePROGRAF TZ Series, the printer will automatically find the leading edge and feed the media. From there, the imagePROGRAF TZ Series will automatically determine the media type, length, and width, which will be shown on the display panel.

Z36 Scanner

The 36" lightweight Z36 scanner sits on top of the device acting as a single-footprint which helps make your workflow easy and seamless.

- Scan monochrome documents at up to 13" per second and color documents at up to 6" per second
- 15.6" Controller
- Scan up to 1200 dpi

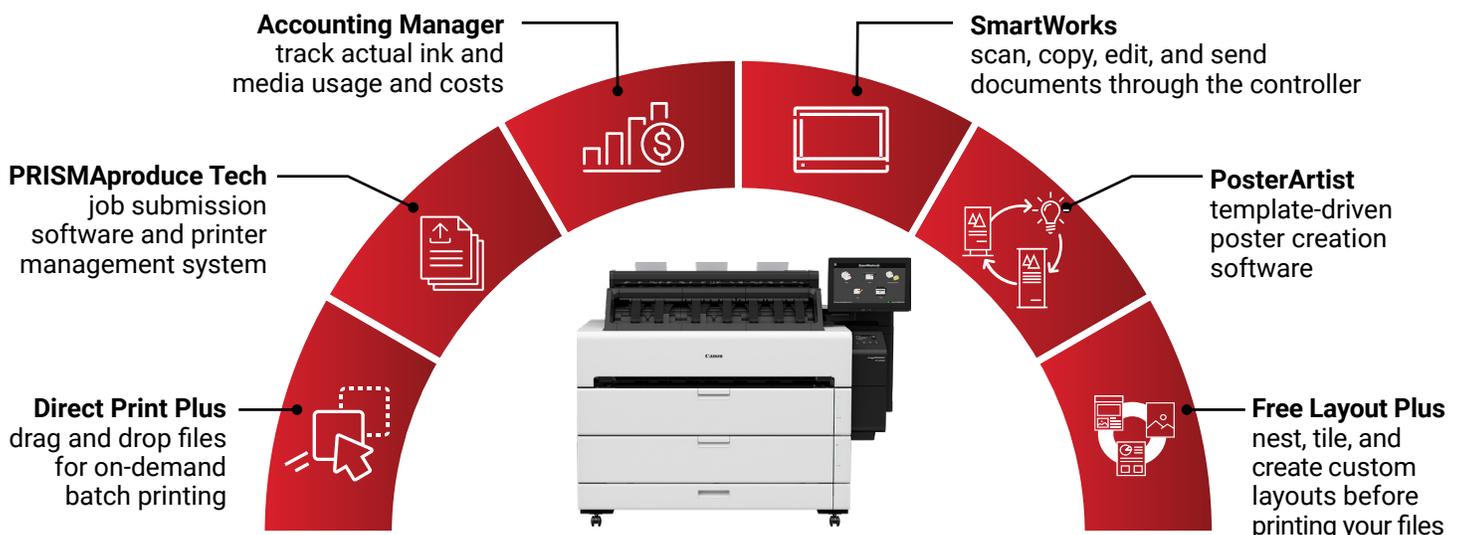
Security Features

The imagePROGRAF TZ Series has a bevy of security features to help provide peace of mind when it comes to the privacy of your documentation.

- PIN Printing
- Self-encrypting hard drive with AES 256 technology
- IPsec, 802.1x compatible; TLS enabled
- Capabilities to disable USB port, Ethernet Port, and USB Direct Thumb Drive

Environmentally Conscious

Currently registered as EPEAT® Gold—a first in the imagePROGRAF TZ Series—and as ENERGY STAR® certified, these large format printers are replacing EPS packaging materials with cardboard packaging and reducing power consumption.



Printer Specifications

imagePROGRAF TZ-32000 | imagePROGRAF TZ-32000 MFP Z36

Printhead

PF-06

Technology

FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)

2400 x 1200 dpi

Line Accuracy¹

±0.1% or Less

Minimum Line Weight²

0.02 mm

Number of Nozzles

Total: 15,360 Nozzles

Matte Black: 5,120 Nozzles

Other Colors: 2,560 Nozzles per Color

Droplet Size

5 Picoliter

Ink Type

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

Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

Ink Tank

Shipped with Printer: 330 ml MBK; 160 ml BK, C, Y, M

Replacement: M: PFI-341 (330 ml)/PFI-741 (700 ml), MBK/BK/C/Y: PFI-340 (330 ml)/PFI-740 (700 ml)

Ink Supply Method

Tubing System with Sub-tanks for Continuous Ink Supply

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)

Media Feed

Roll Feed: Two Rolls, Front Loading

Cut Sheet: Front Loading

Media Width

Roll Feed: 8" - 36" (203.2 mm - 917 mm)

Cut Sheet: 8" - 36" (203.2 mm - 917 mm)

Printable Margins

Roll Feed: All Sides: 0.12" (3 mm) or 0" for Borderless

Maximum Print Length³

Roll Feed: 59' (18 m)

Cut Sheet: 24" (610 mm)

Borderless Printing Widths (Roll Media Only)

Custom roll width 8" - 36" with micro margin technology

Media Cutter

Automatic horizontal rotary cutter

Media Thickness

0.07 mm - 0.8 mm

Media Core Sizes

2" with 3" Core Adapters Included

Maximum Roll Outer Diameter

6.9" or Less

Media Output

Front Output: Basket

Top Output: Stacker

Printing Software Utilities

Accounting Manager, Canon Print Service, Device Management Console, Direct Print Plus, Printer Driver Extra Kit, Free Layout Plus, Media Configuration Tool, PosterArtist, CPP PRISMA Tech Suite, Canon Printer Driver, CPP Driver Select, Optimized Driver for AutoCAD, Canon PRINT Inkjet/SELPHY

Operating System

Windows 7 (32/64-bit), Windows 8.1 (32/64-bit), Windows 10 (32/64-bit), Windows 11 (64-bit), Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022 (64-bit), MacOS v10.15.7 - MacOS 14

Print Language

SGRaster, HP-GL/2, HP RTL, PDF, JPEG, CALS G4

Interface

USB B Port: Hi-Speed USB (12 Mbit/sec, 480 Mbit/sec)

USB A Port: USB thumb drive

Gigabit Ethernet: IEEE 802.3u/ab/x (100/1000Base-T, Full Duplex), SNMP, HTTP, TCP/IP (IPv4/IPv6), FTP

Wi-Fi: IEEE 802.11n/g/b

Power Supply

AC 100 - 240 V (50 - 60 Hz)

Power Consumption

Maximum: Approx. 111 W

Standby: Approx. 1.6 W

Power Off: Approx. 0.1 W

Certifications

International ENERGY STAR® Program (WW), TUV, CB, EPEAT Gold®

Operational Environment

Temperature: 59° F - 86° F (15° C - 30° C)

Relative Humidity: 10 - 80% (No Condensation)

Printer Dimensions (W x D x H) and Weight

60.9" x 37.8" x 46.8"; 454.2 lb. (Approx.)

Package Dimensions (W x D x H) and Weight

67.1" x 37.2" x 54.1"; 612.9 lb. (Approx.)

Options

• 2"/3" Roll Holder Set (RH2-34)

User-Replaceable Items

• Ink Tank (MBK/BK/C/Y: PFI-340/PFI-740;

M: PFI-341/PFI-741)

• Printhead (PF-06)

• Maintenance Cartridge (MC-30)

What's In The Box?

Includes Main Unit with Top Output Stacker, Basket, 2" Roll Holder with 3" Adapters, 1 Printhead, 1 Maintenance Cartridge (Installed), Starter Ink Tanks BK/C/M/Y (160 ml) MBK (330 ml), Installation Guide 1&2, User Registration Card, Printer Warranty Statement, Print Head Warranty Statement, Call Center Notice, Media Compatibility Flyer, PosterArtist Web Notice Flyer, iWR Service Terms Leaflet, Safety and Environmental Information, USB port (High Speed), Power Cable and Screw, Gigabit Ethernet (Built-In)

Z36 Scanner Specifications

Scan Speed⁴

• 24-bit Color @ 200 dpi: Up to 3" per second

• 8-bit Grayscale and Monochrome @ 200 dpi:

Up to 13" per second

Copy Speed

24-bit Color @ 200 dpi: Up to 6" per second

Color Space

sRGB

Maximum Resolution

1200 dpi (Optical)

Scan Accuracy⁶

+/- 0.1% : +/- 1 pixel

Maximum Scan Width/Maximum Media Width

36"/38"

Maximum Scan Length

164' (PDF); 315" (JPEG); 598" (TIFF)

Maximum Media Thickness

0.003" - 0.04" (0.07 mm - 1.0 mm)

Digital Imaging Technology

Contact Image Sensor (CIS) Technology

(SingleSensor Assembly)

• 24-bit RGB

• 16-bit grayscale image capture

• Panchromatic monochrome and black and white

• Bi-directional LED light system for optimum object illumination and instant-on scanning capability

Included Software

SmartWorks MFP Scan-to-Copy/File/Email with

Real-time Image Viewer; supports TIFF, JPEG, and PDF

Operating System

Windows 11 Enterprise LTSC (x64)

Scanner Interface Kit

3x USB 3.2 and 1x USB 2.0 rear and 1x USB 3.2 front, all type A

Operating Environments

10°C - 35°C, 10 - 90% RH, Non-condensing

External Power Supply

100 - 240 VAC Autosensing +/- 10%, 50 - 60 Hz

Scanner Power Consumption

• Controller Power: 35W

• Sleep: 0.2 W

• Idle: 12.4 W

• Scanning Color/Grayscale at 200 dpi: 22.7 W/23.3 W

Compliances

ENERGY STAR®, CB(62368-1), CE, FCC(EMC), CuI/UL, CCC, NOM-019, EAC, C-TICK, VCCI, BIS, EMC +LOA, UL AR, WEEE, REACH, RoHS, EU - Tier 3 of Lot 6

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

(With Stand, Pallet, and Scanner)

50" x 17" x 19.5"; 75 lb. (Approx.)

What's In The Box?

Z36 Scanner with Power Cord, USB 3.0 Cable (2 m), 15.6" System Controller, 3:1 Trident Power Cord, Power Supply, Mount for Printer and System Controller, (2) Paper Edge Guides, (3) Document Return Guides, Calibration Target, Assembly and Startup Guide

¹14 seconds for an ANSI D print and 4 ANSI D prints/minute speed measured after first print in Fast Q5 mode, using plain paper. Print speed is based on internal testing. Print speed may vary depending on the number of copies selected, as well as on the settings for size, type, and orientation of paper.

²All speeds measured using plain paper, Fast Q5 mode. The 243 ANSI D prints/hour is measured from when the first print begins printing. Print speed is based on internal testing. Print speed may vary depending on the number of copies selected, as well as on the settings for size, type, and orientation of paper.

³Line accuracy repeatability is guaranteed 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.

⁴Theoretical value based on data resolution.

⁵The maximum printable length varies depending on the application, OS, and RIP used.

⁶Wireless 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.

⁷The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on the host system performance. Quoted top speeds may be limited by the effective bandwidth of the USB 2 and is not guaranteed for all media types.

⁸The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

Note: The imagePROGRAF TZ Series MFP Z36 systems contain multiple components, some of which are manufactured by third parties. To the extent that such third-party offerings come with limited warranties, such limited warranties are hereby passed to the purchaser, and Canon shall have no obligation or any liability with respect to such third-party offerings.



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