WHERE PRECISION MEETS PRODUCTIVITY



imagePROGRAF TZ-32000 MFP Z36

Canon

imagePROGRAF TZ Series

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 OFFICES

CORPORATE OFFICES

PROFESSIONAL PRINT SHOPS

HIGHER EDUCATION/ UNIVERSITIES

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

With updated magenta ink, the imagePROGRAF TZ Series is designed to deliver outstanding red color reproduction when compared to previous models. 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

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 when compared to the previous TZ Series. 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

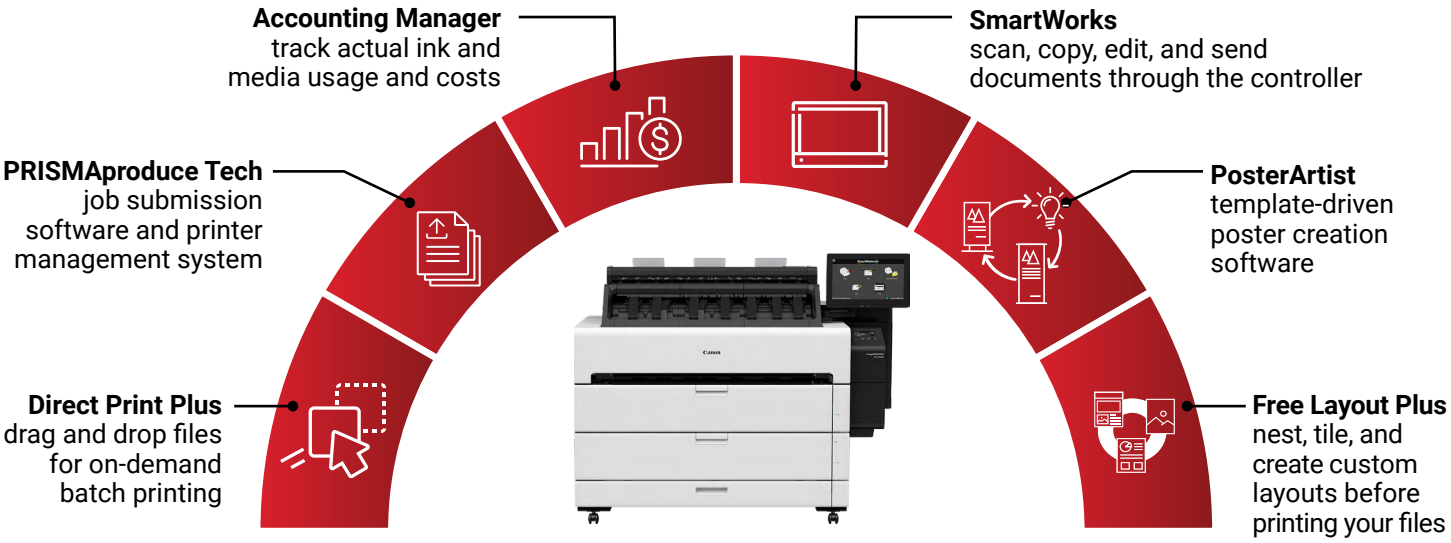
Security Features***

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

Registered as EPEAT Gold (TZ-32000 printer only) and as ENERGY STAR certified, these large format printers are replacing EPS packaging materials with cardboard packaging and reducing power consumption.



Printer Specifications

Printhead
PF-06

Technology
FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)
2400 x 1200 dpi

Line Accuracy[1]
±0.1% or Less

Minimum Line Weight[2]
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 Length[3]
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
ENERGY STAR® certified,
EPEAT Gold (TZ-32000 printer only), TUV, CB

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 Speed[5]
• 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 Accuracy[6]
+/- 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:** Approx. 35W
• **Sleep:** Approx. 0.2 W
• **Idle:** Approx. 12.4 W
• **Scanning Color/Grayscale at 200 dpi:** Approx. 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

*14 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.

**All 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.

***Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Some security features may impact functionality/performance; you may want to test these settings in your environment

[1]Line 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.
[2]Theoretical value based on data resolution.
[3]The maximum printable length varies depending on the application, OS, and RIP used.
[4]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.
[5]The 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.
[6]The 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.

TZ-32000 printer only

Canon

usa.canon.com/largeformat

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