imagePROGRAF
TZ Series

Canon
Delighting You Always
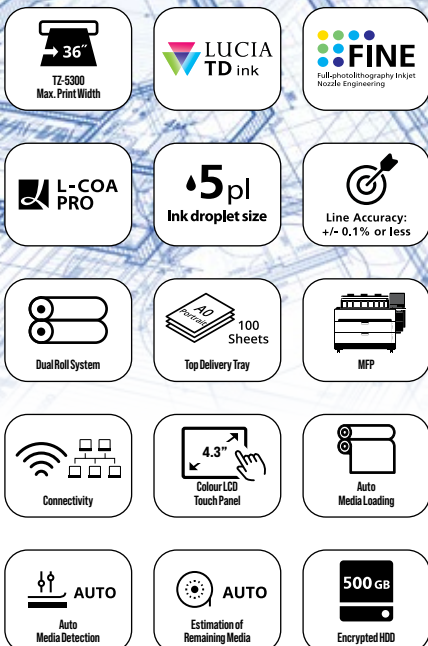
SURPASS EVERY EXPECTATION
with High Print Speed

TZ-5300 MFP Z36

5 colour pigment ink

TZ-5300

36"
TZ-5300
Max. Print Width

LUCIA TD ink

FINE
Full-photolithography Inkjet
Nozzle Engineering

L-COA PRO

5pl
Ink droplet size

Line Accuracy:
+/- 0.1% or less

Dual Roll System

A0 Portrait 100 Sheets
Top Delivery Tray

MFP

Connectivity

4.3"
Colour LCD
Touch Panel

Auto Media Loading

AUTO
Auto
Media Detection

AUTO
Estimation of
Remaining Media

500 GB
Encrypted HDD

The new Canon imagePROGRAF TZ series pushes the boundaries of productivity by offering high-speed printing, revolutionary media handling capabilities and advanced security features in a new console body chassis. Complete with seamless production workflow and all new MFP solution, the TZ series is designed to meet the demand of production Computer Aided Design (CAD) and Geographical Information Systems (GIS) markets.

BEST IN CLASS
PRINT PERFORMANCE

The new TZ series features industry-leading quick first print performance of just 19 seconds, and quick return from sleep in 32 seconds. With the adoption of twin carriage motors driving print head scanning, the TZ series is able to push print speed up to 4 pages per minute for A1 printouts, meeting the on-demand and higher print frequency requirements in the production CAD and GIS markets.

EXCELLENT PRINT QUALITY

The TZ series employs **L-COA PRO processing engine** and **FINE print head** technology, delivering outstanding print quality and accuracy at high speed. Non-firing nozzles detection will automatically compensate for nozzle blockage, ensuring best quality on every print. The **LUCIA TD 5-colour all pigment ink** is developed to produce fine lines and sharp text with minimal feathering. The ink was formulated to provide vibrant colours, dense black, excellent colour fastness and great weather resistance with water resistant media.

L-COA PRO

FINE
Full-photolithography Inkjet
Nozzle Engineering

LUCIA
TD ink

VIRTUALLY NO PRINTING LIMITS

Borderless printing is available on standard and custom sizes for all supported media. With additional feature such as three-sided edge-to-edge printing, the TZ series can handle any poster printing task with ease.

EXCEPTIONAL LEVELS OF PRODUCTIVITY

A Canon's first, the all-new console body chassis comes with **Dual Roll** that supports continuous printing and hot-swapping of roll paper. This allows a depleted second roll to be replaced even while printing, reducing time spent for paper replenishment and setup. The **Top Delivery Tray** can hold up to 100 sheets of A0-size plain paper, while longer, heavier media can be delivered to the front basket. **Hot-Swap Ink Tanks** allow empty tanks to be replaced on-the-fly without having to stop the printer.
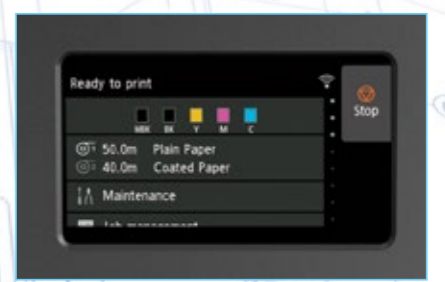

Top Delivery Tray   *Hot-Swap Ink Tanks*

Hot-Swap Roll Replacement

INDUSTRY LEADING MEDIA HANDLING CAPABILITY

Paper loading process could not be any more convenient - all that is needed is for a user to load a paper roll from the front, and the printer assumes total responsibility for paper loading and detection of media type, length, and width. Highly visual LED indicators on the printer body also serve to inform remaining roll paper while minimising user interaction with the operation panel and improving supplies management in the process. Remaining roll amount is displayed on operation panel and alert will be sent out when media is not sufficient to complete the print job.

PROTECT YOUR PRINT ENVIRONMENT

The TZ series complies with the Advanced Encryption Standard (256-bit) established by the U.S. National Institute of Standards and Technology (NIST).
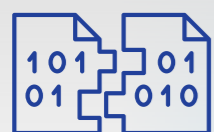
SECURE PRINTING
Keep confidential information secure by protecting the print job with passcode and delay print release until user enters passcode at the operation panel.

SECURE PROTOCOLS
Data are transmitted securely through secured protocols such as IPSec, SNMPv3, SSL/TLS and 802.1x authentication.

HARD DISK DRIVE ENCRYPTION
Print jobs and data are in safe hands with the TZ series, they are protected at all times by secured encryption.

FULL ADMINISTRATOR CONTROL
Administrator control makes it possible to restrict operation panel access and printer functionality according to users' level of security requirements.

SECURE DISK & FILE ERASURE
Data erasure overwrites and destroys overwritten data to ensure complete data destruction on the printer hard disk, providing complete data security.
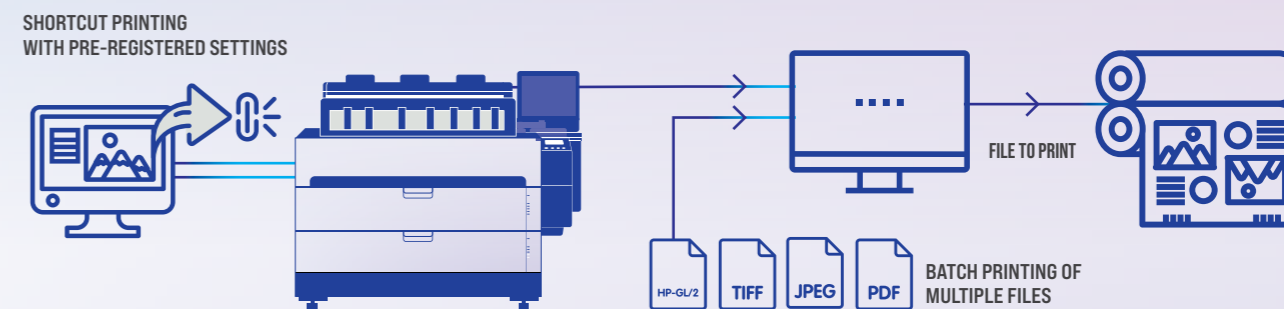
MANAGING YOUR PRINT JOBS HAS NEVER BEEN EASIER

Canon software applications are designed specifically to keep each print job on track and improve your workflow and productivity.

DIRECT PRINT PLUS
The newly developed print job submission tool makes workflow simpler and more efficient with features including shortcut printing, batch printing of multiple files, nesting and print job progress monitoring.

SHORTCUT PRINTING WITH PRE-REGISTERED SETTINGS

FILE TO PRINT

HP-GL/2   TIFF   JPEG   PDF   **BATCH PRINTING OF MULTIPLE FILES**

CPP DRIVER SELECT & PUBLISHER SELECT
The TZ series enable a smoother workflow integration and management for existing Canon Production Printing (CPP) users with support of CPP Driver Select and Publisher Select.

FREE LAYOUT PLUS
Free Layout plus, a print utility that allows users to tile, nest and create custom layouts before printing.

ACCOUNTING MANAGER
Accounting Manager is ideal for businesses looking to track printing costs based on the cost of media and ink.
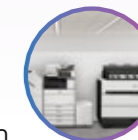
DEVICE MANAGEMENT CONSOLE
Device Management Console effectively manages multiple printers, monitoring activities such as error messages and printer information like ink status and status of calibrations.

POSTERARTIST LITE
Canon's PosterArtist Lite software lets you design and print professional looking posters with over 1,300 templates, photos and clipart to suit a wide variety of business environments. Creating head turning posters or signs has never been easier.

CANON PRINT INKJET/SELPHY
The Canon PRINT Inkjet/SELPHY app connects your mobile device wirelessly to the TZ series to print, scan and copy. It also works as a portal to manage your printer settings and monitor your printer status for a seamless printing experience.

MEDIA CONFIGURATION TOOL
Simplifies media management for Canon and third party media, allowing you to customise media in both the driver and printer for optimum print result.

imageRUNNER ADVANCE DIRECT ENLARGEMENT COPY
Scan-to-Print using an imageRUNNER to scan images and print directly from the TZ series printers.

imagePROGRAF MFP SOLUTION

The new TZ series MFP solution provides maximum performance in scanning and copying with speed and precision while maintaining minimal footprint.

ALL NEW COMPACT DESIGN

The new Z36 scanner is designed from the ground up to better integrate with the new TZ series printers. Lightweight and compact, this small footprint scanner is perfect for any office environment.

SINGLE SENSOR, DUAL LED TECHNOLOGY

Single sensor covers the full width to ensure the finest text are reproduced without misalignment. Bi-directional illumination from dual LED reduces shadowing at creases or folds, ensuring high quality scanned image.

PARALLEL PROCESSING OF SCANNING AND PRINTING

Parallel processing significantly improves productivity and efficiency by performing print and scan operation simultaneously.

DIVERSE MEDIA SUPPORT

Front entry - rewind to front path makes it convenient for regular scanning of plain paper document, while the straight-through paper path accepts scan documents up to 1 mm in thickness.

NEW SYSTEM CONTROLLER

The large 15.6" touchscreen panel system controller makes it easy to perform print settings and preview before printing. Printer information such as media and ink status can be easily accessed via the system controller. Its embedded OS adds a layer of reliability and stability to the performance of the system controller.

SMART WORKS MFP V6 WITH ABUNDANT FEATRUES

The new SmartWorks MFP scanning software simplifies large format scanning and copying with intuitive user interface and abundant of image enhancement features such as de-skew, white point, colour reversal of diazo print and restoration of deteriorated original images, which is useful for archiving old drawings.

TZ-5300 MFP Z36

Scanner is manufactured by U.K.- based Global Scanning UK ltd.

SPECIFICATIONS

PRINTER		TZ-5300
Printer Type		5-Colour 36" (914 mm)
Number of Nozzles		15,360 nozzles (MBK: 5,120 nozzles; BK, C, M, Y: 2,560 nozzles each)
Max. Print Resolution		2400 × 1200 dpi
Nozzle Pitch		1200 dpi (2 lines)
Line Accuracy *1		± 0.1 % or less
Min. Ink Droplet Size		5 pl
Ink Capacity	Sales Ink	330 ml / 700 ml (MBK, BK, C, M, Y)
	Bundled Starter Ink	330 ml (MBK) / 160 ml (BK, C, M, Y)
Ink Type		Pigment ink
Printer Languages		SG Raster (Swift Graphic Raster), HP-GL/2, HP RTL, PDF (Ver. 1.7), JPEG (Ver. JFIF1.02)
Print Solutions		Apple AirPrint, Direct Print Plus, Direct Print & Share, CPP Driver Select & Publisher Select, AutoCAD Optimized Printer Driver, Easy-PhotoPrint Editor, Canon PRINT Inkjet/SELPHY, Canon Print Service, Free Layout plus, PosterArtist Lite, imageRUNNER ADVANCE Direct Enlargement Copy
Management Solutions		Media Configuration Tool, Accounting Manager, Device Management Console, Quick Utility Box
Interface (Built-in)	Standard	Hi-Speed USB, Full Speed (12 Mbit/sec), Hi-Speed (480 Mbit/sec), Bulk transfer, Series B (4 pins), USB Memory (Direct Print)
	Network	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX/Auto-Negotiation, IEEE 802.3ab 1000base-T/Auto-Negotiation, IEEE 802.3x Full Duplex, SNMP, HTTP, FTP, TCP/IP (IPv4/IPv6)
	Wireless LAN	IEEE802.11 b/g/n, WEP (64/128bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
Memory		Standard: 128 GB (Physical: 2 GB)
Hard Disk		500 GB (Encrypted)
PRINT SPEED *2 (A0 SIZE)		
Plain Paper	CAD Drawing	26 sec [Fast (Custom Q5)] 35 sec [Fast] 1 min 6 sec [Standard]
	Poster	29 sec [Fast (Custom Q5)] 41 sec [Fast] 1 min 15 sec [Standard]
Heavyweight Coated Paper HG	Poster	2 min 34 sec [Standard]
Glossy Paper HG 170	Poster	5 min 15 sec [Standard]
MEDIA HANDLING		
Media Width	Roll Paper / Cut Sheet	203.2 ~ 917 mm
Media Thickness	Roll Paper / Cut Sheet	0.07 ~ 0.8 mm
Min. Printable Length	Roll Paper	Front Output: 203.2 mm, Top Output: 205 mm
	Cut Sheet	203.2 mm
Max. Printable Length	Roll Paper	18 m*3
	Cut Sheet	610 mm
Max. Roll Outer Diameter		175 mm or less
Media Feed and Output Method	Roll Paper	Dual Roll, Front Load, Top Output / Front Output*4
	Cut Sheet	Front Load, Front Output*5
Borderless Printing (Roll Paper only, standard & custom sizes)	Printable Media Width	203.2 ~ 917 mm
Margins	Recommended Area	Roll Paper - Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut Sheet - Top: 20 mm, Bottom: 31 mm, Side: 3 mm (Apple AirPrint) Cut Sheet - Top: 20 mm, Bottom: 20 mm, Side: 3 mm (Others)
	Printable Area	Roll Paper - Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll Paper - Top: 0 mm, Bottom: 0 mm, Side: 0 mm (Borderless Print) Cut Sheet - Top: 3 mm, Bottom: 12.7 mm, Side: 3 mm (Apple AirPrint) Cut Sheet - Top: 3 mm, Bottom: 20 mm, Side: 3 mm (Others)
DIMENSIONS & WEIGHT *6		
Packaged Dimensions (W x D x H) Weight	Main Unit + Top Delivery Tray*7 + Pallet	1704 x 946 x 1373 mm 274 kg
Dimensions (W x D x H) Weight	Main Unit	1548 x 762 x 1126 mm (Basket Closed) 206 kg
	Main Unit + Top Delivery Tray*7	1548 x 960 x 1189 mm (Basket Closed) 1548 x 1293 x 1189 mm (Basket Open) 207 kg
POWER AND OPERATING REQUIREMENTS		
Power Supply		AC 100 - 240 V, 50 - 60 Hz
Power Consumption	Operation	157 W or less
	Sleep Mode	2.0 W or less
	Power OFF	0.3 W or less
Operational Environment	Temperature	15 - 30 °C
	Humidity	10 - 80 % RH (no dew condensation)
Acoustic	Power *8	Operation: Approx. 70 dB
	Pressure *8	Operation: Approx. 52 dB (A) Standby: 35 dB (A) or less
OPTIONS		
2" / 3" Roll Holder		RH2-34
CONSUMABLES		
Ink Tank		PFI-8340 (330 ml) / PFI-8740 (700 ml)
Print Head		PF-06
Maintenance Cartridge		MC-30

*1   User adjustments are required. Printing environment and media must match those used for the adjustments.
      Paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.
*2   Time taken to print one page does not include time required for data processing, data transfer and pre-printing operations.
*3   Varies according to the OS and application.
*4   Media dependant. Print will be delivered face-down for top output, face-up for front output.
*5   For cut sheet, manual feed using media locking lever.
*6   Include roll holder set, exclude ink and print head.
*7   Top delivery tray consists of paper output support and top output guide.
*8   Measured using ISO 7779 standard by using 36" Standard Plain Paper 2, standard mode and line drawing / text mode.

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TZ Series

SCANNER *9		Z36
Scan Width		36" (914 mm)
Min. Scan Width		6" (150 mm)
Max. Scan Length	JPEG / PDF	8 m
	TIFF	15.2 m
Max. Copy Speed (inch/sec) *10	24-bit Colour	200 dpi: 6 ips 300 dpi: 4 ips 600 dpi: 2 ips
	8-bit Greyscale & Monochrome	200 dpi: 13 ips 300 dpi: 8.6 ips 600 dpi: 4.3 ips
Max. Scan Speed (inch/sec) *10	24-bit Colour	200 dpi: 3 ips 300 dpi: 2 ips 600 dpi: 2 ips
	8-bit Greyscale & Monochrome	200 dpi: 13 ips 300 dpi: 8.6 ips 600 dpi: 4.3 ips
Optical Resolution		1200 dpi
Document Handling *11		Front Load, Rear Output
Max. Document Thickness *12		1 mm
System Controller	Operating System	Windows 10 Enterprise LTSC 64 bit
	Processor	Intel Core i3-8100T
	Hard Disk	256 GB (Solid State Drive)
	Memory	8 GB (DDR 4)
	Display	15.6" multi-touch colour display
	Software Included	SmartWorks MFP V6
Scan Format		PDF, Multipage PDF, JPEG, TIFF, DWF
Dimensions (W x D x H) *13		1056 x 251 x 156 mm
Weight	Scanner	7.8 kg
	System Controller	2.5 kg
Power Consumption (Scanner)	Operation *14	22.7 W (Colour) / 23.3 W (Greyscale)
	Sleep Mode	0.2 W
	Standby	12.4 W
Power Consumption (System Controller)	Operation	52.2 W
	Sleep Mode	1.7 W
	Standby	7.9 W

*9   Scanner is manufactured by U.K. - based Global Scanning UK Ltd. Scanner is supplied with TZ-5300 MFP Z36.

*10   The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times and quoted top speeds will depend on the host performance and are not guaranteed for all media types. Scan times quoted are the maximum for true 200 x 200 dpi image capture.

*11   Thicker documents must be flexible and the document return guides removed and may require additional support. Some media should be scanned at reduced speeds. It is not possible to guarantee to be able to scan all media types and sizes.

*12   To return document to the front, use document return guides.

*13   Document return guides and paper tray folded.

*14   Power consumption is measured with scan resolution setting of 200 dpi.

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