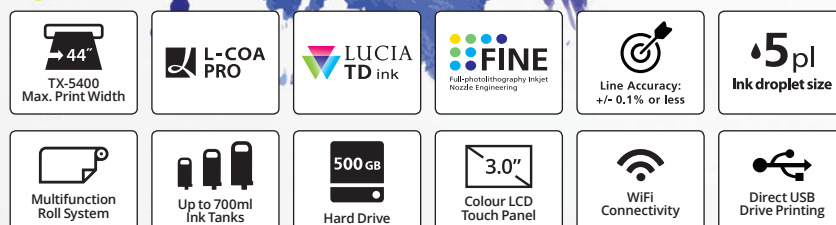


imagePROGRAF
TX-5400

Canon
Delighting You Always

Re-engineering Tomorrow's Demand for Quality



The Professional Large-Format Print System

The imagePROGRAF TX-5400 44" printer is designed to make light work of printing superbly detailed and vibrant output in blazing speed. From printing posters to point-of-sale materials to CAD drawing, gain a competitive advantage with a host of productivity features such as Dual Roll Feeding or Take Up Unit, High-capacity Stacker and Auto Roll Loading and Switching.

THE TX-SERIES CORE TECHNOLOGIES

The TX series is an embodiment of print technology of the highest order. Employing high-precision mechanical platform and high-speed processing engine, together with the latest FINE print head and new LUCIA TD ink, the TX series deliver stunning prints of the finest details and excellent colour expression in breaking speed.



High-precision mechanical platform



High-speed image processing engine

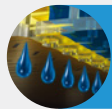


Printing technology

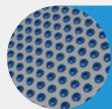
HIGH PRECISION MECHANICAL PLATFORM

The newly engineered unibody structure provides a strong platform for stable print head scanning, resulting in precise droplet placement. The perfect combination of speed and high-quality printing is achieved with this new design.

High Precision is Absolute Requirement for Image Quality



Inkjet printing image consists of huge amount of micron size droplet



Accurate dot placement is a key to superb image quality

PRINTING TECHNOLOGY

The TX series Print Technology uses new LUCIA TD pigment ink which produces excellent quality in fine lines reproduction and sharp text in drawings on both coated and uncoated paper.



The new TX series Print Technology

The all-pigment LUCIA TD ink realizes high density of black and minimizes bleeding by using two types of black ink simultaneously.

HIGH SPEED IMAGE PROCESSING ENGINE

Big jobs need fast processing. The imagePROGRAF printers are powered by the new L-COA PRO high-speed image processing engine.



The L-COA PRO processing chips forms a high-precision control engine that performs the processing of massive image data, generates the printing data, and controls the optimal ink layout that produces high-resolution prints, delivering supreme print quality at high speed.

The new LUCIA TD ink system gives vibrant colors in poster printing, has excellent color fastness to minimize color fading and even has great outdoor weather resistance with water resistant media.

TX series employs a newly developed FINE print head, PF-06, which is a 1.07 inch, 6-color channels with 15,360 nozzles. This newly developed printhead gives excellent quality through improved uniformity of ink density and colors. Fast, vibrant poster printing is possible even on inkjet plain paper.

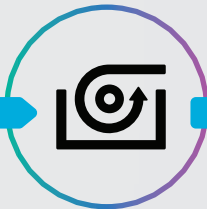
AUTOMATIC MEDIA ROLL LOADING

A breakthrough in Canon technology where media can simply “be placed” on the roll holder and media will automatically be loaded into the machine. In Canon, we call it the “oku-dake” (put only) technology whereby this automatic media roll loading will save you time and make it error and fuss free.

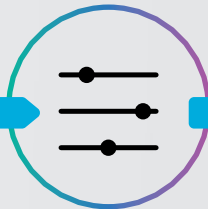
EASY ROLL LOADING : AUTO ROLL-FEEDING STARTS JUST BY PLACING A ROLL.



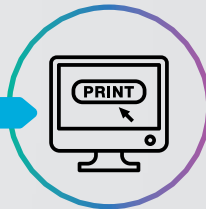
USER PLACE ROLL AND WALK AWAY



DETECTION



ADJUSTMENT



READY TO PRINT

DUAL ROLL PRINTING

The lower unit can also be used as a take up roll for unattended printing.



In the TX series, high volume printing can now be achieved by loading up to 2 (TWO) 200m – length of plain paper. It also allows for switching between media for various printing applications either in different media types or sizes to have seamless and efficient printing.

WIRELESS PRINTING



Wireless networking in office environments is easy and trouble-free, which is convenient when connecting from multiple computers. With no need for a wired connection, users enjoy greater freedom in installation, with fewer restrictions.

HOT SWAPPING OF INKS



Even if the ink tanks run out of ink, the printers keep some ink in reserve sub-ink tanks, which is used automatically as needed to enable ink tank replacement during printing. Not only does this prevent downtime in continuous printing, it makes it easy to use all ink in the tanks, which can help cut costs.

MULTI-POSITION BASKET

In the TX series, a multi position basket adapts to many positions and styles of use to suit how users print, the type of media, print size, and other conditions.



REGULAR STACKING
Holds a single sheet up to 62 inches long.



FLAT STACKING
Enables face-down flat stacking in the order they are ejected which prevents the printed surface of glossy paper from becoming scratched.



FRONT EJECTION (ADJUSTABLE STACKER DEPTH)
The basket is positioned directly below the delivery outlet, so printed paper can be removed in a natural posture without having to bend down or stretch out one's arms.



SLOPE
The printed paper is delivered in the straight condition to the basket cloth that is stretched to create a sloped shape. This effectively prevents scratches and smearing when users do not wish to touch the printed surface with their hands.

HIGH CAPACITY STACKER

For high volume continuous printing, the TX series offers an optional high capacity stacker that can be set to three positions: (1) stacker position, (2) flat position, or (3) draped position. The different positions allows either the stacking of up to 100 A1 landscape sheets or up to 100 A0 portrait sheets - equivalent to an entire 100 m roll of uncoated paper.

STANDARD BASKET



10 SHEETS

FLAT POSITION (FACE-DOWN)



100 SHEETS*
A1 LANDSCAPE

DRAPED POSITION (FACE-DOWN)



100 SHEETS*
A0 PORTRAIT

- Stacker holds drawings face-down in the order they are ejected
- Output can be easily removed from a natural posture from the front
- *Canon Océ Red Label Paper PEFC 75gsm

PRODUCTIVITY



LARGE INK TANKS

- 160ml, 330ml or 700ml



DUAL ROLL FEEDING

- Dual feeding rolls with rewinding functions

USABILITY



AUTO ROLL LOADING AND SWITCHING

- Automatic paper feeding - user can leave after placing the roll media



MULTI POSITION BASKET

- Regular stacking
- Flat stacking
- Front ejection (adjustable stacker depth)
- Slope



DIRECT PRINTING USB

- Direct JPEG and PDF format printing



CONNECTIVITY

- Wi-Fi (IEEE 802.11b/g/n)
- Gigabit network & hi-speed USB



HOT FOLDERS ON PRINTER

- 5 hot folders can be setup to support various print workflows

RELIABILITY



ROBUST SECURITY

- Automatic encryption (AES-256 standard) of all data on the disk minimizes the risk of leaks in case of theft

TX-5400 OVERVIEW



HIGH CAPACITY STACKER

- Allows either the stacking of up to 100 A1 landscape sheets or up to 100 A0 portrait sheets

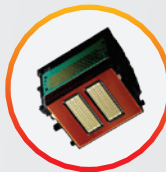


HIGH SPEED PROCESSING

- High speed image processing engine

NEW PRINT HEAD

- Fast, supreme quality printing with 15,360 nozzles



NEW LUCIA TD INK

- All new 5 color pigment ink



QUALITY

VIBRANT PRINTING ON PLAIN PAPER

- Newly developed Lucia TD ink has excellent reactivity between pigments and media components



HIGH PRECISION PRINTING

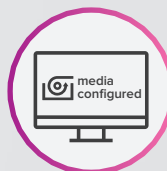
- Accurate dot placement is a key to superb image quality



SOFTWARE SOLUTIONS

MEDIA CONFIGURATION TOOL

- All types of media can be supported



ACCOUNTING MANAGER

- Gives you control of your costs



DIRECT PRINT & SHARE

- Batch printing
- Cloud printing
- Shortcut printing



COPY & SCAN (with T36 Scanner Option)

HIGH SPEED SCANNING

- 6"ips color
- 13"ips black & white



LARGE TOUCHSCREEN DISPLAY

- Dimensions 15.6" touchscreen panel



PARALLEL PROCESSING OF SCANNING AND PRINTING

- Parallel processing to streamline your work



ERGONOMIC COMPACT DESIGN

TX-5400 : 1593 mm Wide

imagePROGRAF MFP SOLUTION

The TX MFP T36 solution is a powerful Scan-to-Copy/File/Email/Cloud and print solution that combines speed and precision and comes with exceptional All in One (AIO) PC.

PRODUCT SPECIFICATIONS

Appearance	Scan Resolution
Integrated MFP	1200 dpi
Scan Technology	Productivity
Single sensor	Parallel print & scan
Scan Speed	Ease of Use
6 inch-per-sec in colour	15.6inch touch panel
Media Thickness	Ease of Use
Up to 2mm	New SmartWorks software

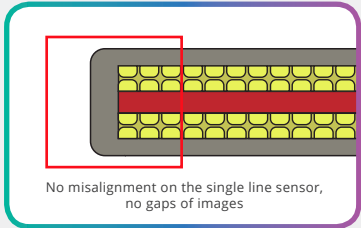


EXCELLENT VISIBILITY & OPERABILITY



TX MFP solution incorporates an all-in-one computer featuring a generous 15.6” touchscreen panel. Tasks such as previewing scanned images or doing editing work are easy, with simple, intuitive operations; so that you can check the image in detail before printing.

SINGLE SENSOR TECHNOLOGY



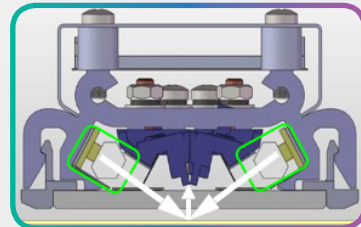
SingleSensor technology provides high-quality scanned image. As a single line sensor covers full width to scan, edge of small texts and thin lines can be sharply and clearly reproduced, without misalignment between sensors.

ABUNDANT IMAGE ENHANCEMENT FEATURES



Abundant image enhancement features are incorporated such as de-skew, white point, color reversal of diazo print and restoration of deteriorated original images, which is useful for archiving old drawings.

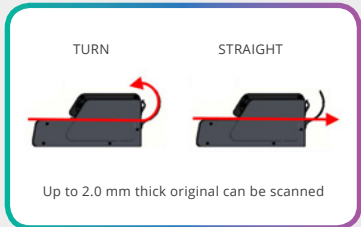
HIGH-QUALITY IMAGE SCANNING



Patented technology No: 8922849

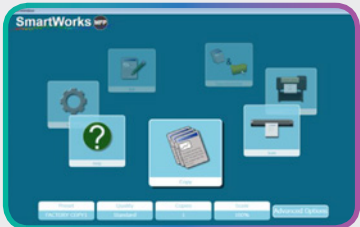
Bi-directional illumination from dual LED arranged on the right and left of the sensor reduces shadowing at creases or folds. High quality scanned image can be obtained.

DIVERSE MEDIA SUPPORT



Front entry and rewind to front path (u-turn like), which is often used for regular scanning of plain paper document. Straight path of front entry to rear exit makes it possible to scan documents up to 2.0 mm thick.

INTUITIVE USER INTERFACE



The MFP solution can be used with SmartWorks MFP, scanning software that simplifies large-format scanning or copying with intuitive operations on the touchscreen display; even unskilled or inexperienced users.

SOFTWARE SOLUTION

SECURITY

The TX series complies with the Advanced Encryption Standard, 256-bit, as was established by the U.S. National Institute of Standards and Technology, or NIST.



The self-encrypting hard disk automatically encrypts and decrypts image data as it is saved or printed and does not add to the processing load of print jobs.



Encrypting all data on the disk minimizes the risk of leaks in the case of theft. In this way, strict print data confidentiality is maintained, which gives users peace of mind in printer management.



In summary, the TX series meets security requirements in each area of secure communication, secure storage, secure interfaces, and secure management.



QUICK UTILITY TOOLBOX

Quick Utility Toolbox is home to all Canon imagePROGRAF TX Series printer software and tools.

ACCOUNTING MANAGER

In today's printing environment, it is more important than ever to understand how much each print job is costing your business. Compatible with both Mac and Microsoft platforms, Accounting Manager serves as a powerful feature used for accurately managing your print costs. With Accounting Manager, you can track how much ink and paper is being consumed on printing with up to 50 printers.

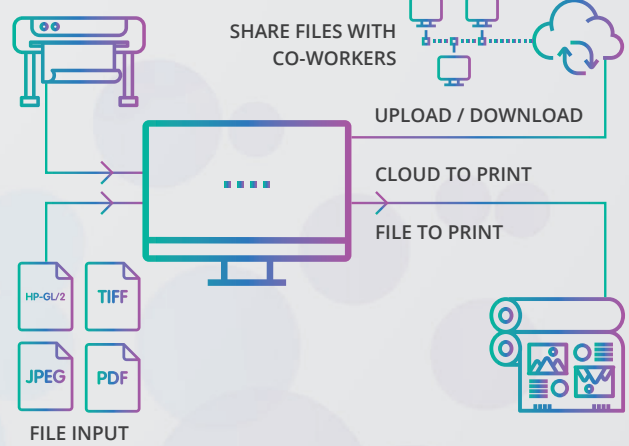
DEVICE MANAGEMENT CONSOLE

The Device Management Console software, is ideal for fleet management. This software lets you monitor the printer status of up to 50 printers from any location in the world, be notified by email when an error occurred, or check the amount of ink left in the printers without ever having to leave the comfort of your desk.

MEDIA CONFIGURATION TOOL

Recognising the expanding array of media options for large format printers and to further improve the versatility of these new imagePROGRAF models, Canon has developed a Media Configuration Tool, which allows customers to not only utilise Canon-branded media, but providing them the ability to make adjustments to printer settings to enhance the precision and quality of output achieved with custom media.

SCAN TO CLOUD



DIRECT PRINT & SHARE

This software enables to batch print multiple files of different types such as PDF, JPEG, TIFF and HP-GL/2, without starting up the dedicated applications. In addition, the shortcut printing function can be used to perform printing according to pre-registered print settings such as outputting printer, print quality, paper type and paper size, simply by dragging & dropping the files to be printed to the shortcut folder.

Saved files can also be uploaded to cloud storage and shared among remote locations or across multiple sites.

imagePROGRAF
TX-5400

The Professional Large-Format Print System



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SPECIFICATIONS

imagePROGRAF
TX-5400

PRINTER			
Printer Type	5 Colour 44"		
Number of Nozzles	15,360 nozzles; (MBK 5,120 nozzles, BK, C, M, Y 2,560 nozzles each)		
Print Resolution	2400 dpi x 1200 dpi		
Nozzle Pitch	1200dpi (2 lines)		
Line Accuracy	±0.1 % or less		
Ink Droplet Size	5 Picoliter		
Ink Capacity	160ml/330ml/700ml; Bundled Starter Ink : 330ml (MBK) / 160ml (BK, C, M, Y)		
Ink Type	Pigment inks/5 color - MBK/BK/C/M/Y		
Printer Languages	SG Raster (Swift Graphic Raster), HP-GL/2, HP RTL , PDF, JPEG		
Standard Interfaces	USB B Port: Built in (Hi-Speed USB), Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer, Series B (4 pins); USB A Port: USB Memory Direct Print Gigabit Ethernet: IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T/ Auto-Negotiation, IEEE 802.3x Full Duplex Wireless LAN: IEEE802.11n/ IEEE802.11g/ IEEE802.11b		
Memory	Standard memory: 128GB (Physical memory 2GB)		
Hard Disk	500GB (Encrypted)		
PRINTING SPEED (A0 SIZE)			
Plain Paper (CAD Drawings)	00:37 Fast (Custom Q5)	00:40 Fast	01:10 Standard
Heavyweight Coated paper HG (CAD Drawings)	00:45 Fast (Custom Q5)	01:11 Fast	02:16 Standard
Plain Paper (Poster)	00:42 Fast (Custom Q5)	00:42 Fast	01:26 Standard
Heavyweight Coated paper HG (Poster)	01:43 Fast		02:37 Standard
MEDIA HANDLING			
Media Width	Roll paper: 203.2 ~ 1118mm, Cut sheet: 203.2 ~ 1118mm		
Media Thickness	Roll paper / Cut: 0.07 ~ 0.8mm		
Minimum Printable Length	203.2 mm		
Maximum Printable Length	Roll paper: 18 m, Cut sheet: 1.6 m		
Maximum Media Roll Outer Diameter	170 mm		
Paper Feed Method	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 Take-up Unit	Dual directions rolling take-up		
Borderless Printing Width (Roll Only)	594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42", 44"		
Media Output (Multiposition Basket)	Standard position: 1 sheet, Flat position: A2 landscape [<10 sheets glossy paper; <20 sheets coated or plain paper]		
Media Output (High Capacity Stacker)	Standard Basket: 10 sheets, Flat Position: 100 sheets (A1 Landscape), Draped Position: 100 sheets (A0 Portrait)		
DIMENSIONS & WEIGHT			
Packaged Dimensions W x D x H (mm) / Weight (kg)	Printer (with stand and pallet)	1820 x 915 x 1061 mm, Weight : 165kg	
	High Capacity Stacker	1464 x 906 x 291 mm, Weight : 25kg	
	Roll Unit	1727 x 562 x 461 mm, Weight : 30kg	
Physical Dimensions W x D x H (mm) / Weight (kg) (including Roll Holder Set and Roll unit, excluding ink and print head)	Main Unit + Stand + Basket	Basket Opened: 1593 x 984 x 1168 mm	
		Basket Closed: 1593 x 766 x 1168 mm	
		114 kg (including Roll Holder Set, excluding ink and print head)	
	Main Unit + Roll Unit + Stand + High Capacity Stacker	Stacker Opened: 1593 x 1188 x 1168 mm	
		Stacker Closed: 1593 x 1122 x 1168 mm	
		146 kg (including Roll Holder Set, excluding ink and print head)	
POWER AND OPERATING REQUIREMENTS			
Power Supply	AC 100-240V (50-60Hz)		
Power Consumption	Operation: 105W or less, Sleep mode: 3.6W or less, Power off : 0.3W or less		
Operating Environment	Temperature: 15~30°C, Humidity: 10~80% RH (no dew condensation)		
Acoustic Noise	Power	Operation: 6.9 Bels or less	
	Pressure	Operation: 51dB (A) or less; Standby: 35dB (A) or less	
OPTIONS			
Roll Unit	RU-42		
High Capacity Stacker	SS-41		
2/3" Roll Holder	RH2-45		
CONSUMABLES			
Ink Tank	PFI-8110 (160ml) / PFI-8310 (330ml) / PFI-8710 (700ml)		
Print Head	PF-06		
Cutter Blade	CT-07		
Maintenance Cartridge	MC-30		
SCANNER			
Scan Width	36" (914mm)		
Min Scan width	6" (150mm)		
Max Scan length	8m (JPEG/PDF); 15.2m (TIFF)		
Scan Speed (Color/B&W)	6.0/13 ips		
Optical Resolution	1200dpi		
Max Document Thickness	2.0mm		
PC & Software Included	15.6" AIO PC with SmartWorks MFP Software		
Software Features	Scan, Copy, Print. Preview Edit. PDF, PDF/A, Multipage PDF. User Accounts, job log. Collated sets. Custom paper sizes. Adjust JPEG compression.		
Dimensions W x D x H (mm) / Weight (kg)	1109 x 367 x 161mm, Weight : 15kg		

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