imagePROGRAF
TX-5400

Canon
Delighting You Always

Re-engineering Tomorrow's
Demand for Quality

5 colour pigment ink

44″ TX-5400 Max. Print Width	**L-COA PRO**	**LUCIA TD** ink	**FINE** Full-photolithography Inkjet Nozzle Engineering	Line Accuracy: +/- 0.1% or less	**5**pl Ink droplet size
Multifunction Roll System	Up to 700ml Ink Tanks	**500** GB Hard Drive	**3.0″** Colour LCD Touch Panel	WiFi Connectivity	Direct USB Drive Printing

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.
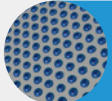
High-precision mechanical platform

High-speed image processing engine

Printing technology

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
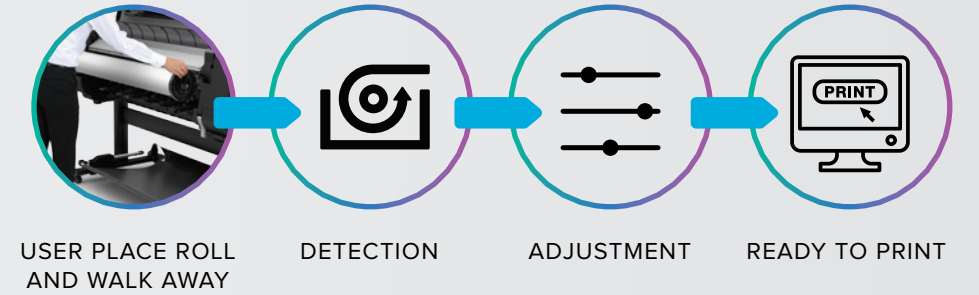
DUAL ROLL PRINTING

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.

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

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.

L-COA PRO

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.

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.

FINE
Full-photolithography Inkjet Nozzle Engineering

LUCIA TD ink

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.

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.

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	FLAT POSITION (FACE-DOWN)	DRAPED POSITION (FACE-DOWN)
10 SHEETS	100 SHEETS* A1 LANDSCAPE	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

TX-5400 OVERVIEW

PRODUCTIVITY

LARGE INK TANKS
• 160ml, 330ml or 700ml

DUAL ROLL FEEDING
• Dual feeding rolls with rewinding functions

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

LUCIA TD 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

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

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

RELIABILITY

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

ERGONOMIC COMPACT DESIGN
TX-5400 : 1593 mm Wide

Canon

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
Integrated MFP

Scan Resolution
1200 dpi

Scan Technology
Single sensor

Productivity
Parallel print & scan

Scan Speed
6 inch-per-sec in colour

Ease of Use
15.6inch touch panel

Media Thickness
Up to 2mm

Ease of Use
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

No misalignment on the single line sensor, no gaps of images
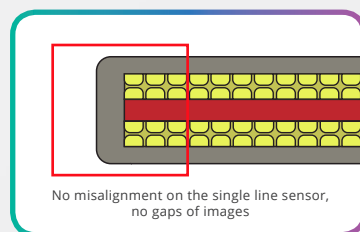
SingleSensor technology provides high-quality scanned image. As a single line sensor covers full width to scan, edge of small texts and thin lines can be sharply and clearly reproduced, without misalignment between sensors.

ABUNDANT IMAGE ENHANCEMENT FEATURES

De-skew	abcde ▶	abcde
White Point	abcde ▶	abcde
Black Point	abcde ▶	abcde
Sharpen	abcde ▶	abcde
Mirror	abcde ▶	abcde
Invert	abcde ▶	abcde

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

TURN   STRAIGHT

Up to 2.0 mm thick original can be scanned

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.
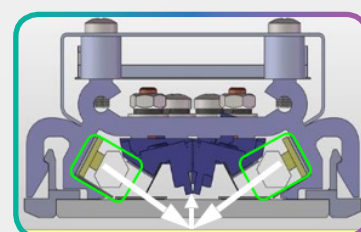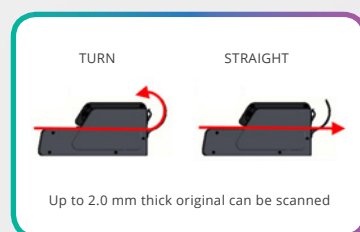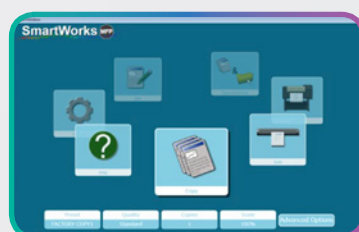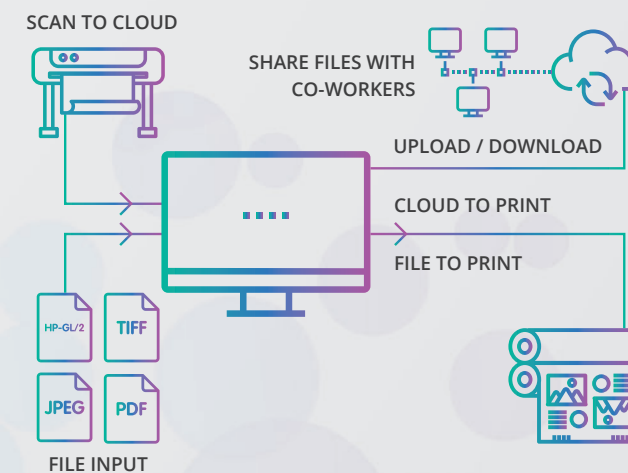
DEVICE MANAGEMENT CONSOLE

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

SHARE FILES WITH CO-WORKERS

UPLOAD / DOWNLOAD

CLOUD TO PRINT

FILE TO PRINT

HP-GL/2   TIFF

JPEG   PDF

FILE INPUT

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.

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Re-engineering Tomorrow's
Demand for Quality

5 colour pigment ink

44″
TX-5400
Max. Print Width

L-COA PRO

LUCIA TD ink

FINE
Full-photolithography Inkjet Nozzle Engineering

Line Accuracy:
+/- 0.1% or less

5pl
Ink droplet size

Multifunction Roll System

Up to 700ml Ink Tanks

500 GB
Hard Drive

3.0″
Colour LCD Touch Panel

WiFi Connectivity

Direct USB Drive Printing

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.

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, 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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