

imagePROGRAF
TX-5300 | TX-5400

Canon
Delighting You Always

Rewriting the Benchmark with Unparalleled Speed



Raising the Bar in Print Speed and Quality

Meet the latest imagePROGRAF TX-5300 and TX-5400. Engineered to deliver amazing print speed with sharp reproduction of lines and text even on uncoated paper. Boost productivity with improved features such as Multifunction Roll System, MFP solution, and Wifi connectivity.

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.

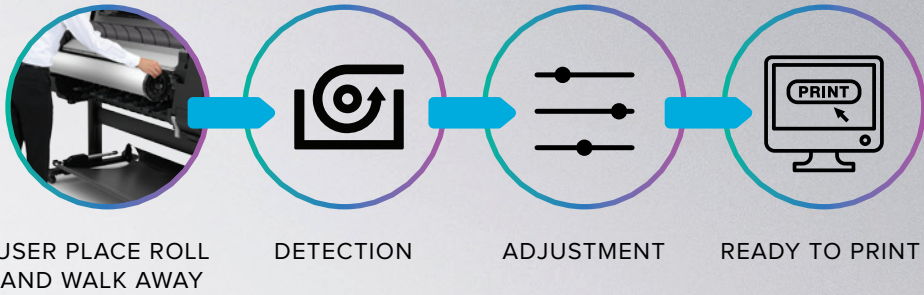
The new LUCIA TD ink system gives vibrant colors in poster printing, has excellent color fastness to minimize color fading and even has great outdoor weather resistance with water resistant media.

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.



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-5300 OVERVIEW



HIGH CAPACITY STACKER

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

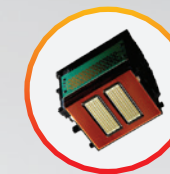


HIGH SPEED PROCESSING

- 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

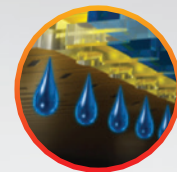
VIBRANT PRINTING ON PLAIN PAPER

- 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-5300 : 1390 mm Wide | 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

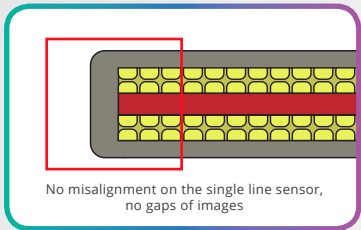


EXCELLENT VISIBILITY & OPERABILITY



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



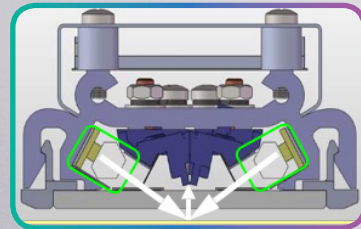
SingleSensor technology provides high-quality scanned image. As a single line sensor covers full width to scan, edge of small texts and thin lines can be sharply and clearly reproduced, without misalignment between sensors.

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.

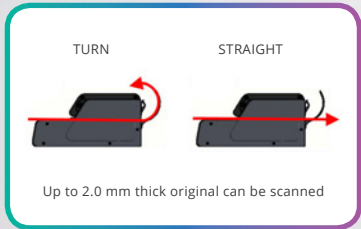
HIGH-QUALITY IMAGE SCANNING



Patented technology No: 8922849

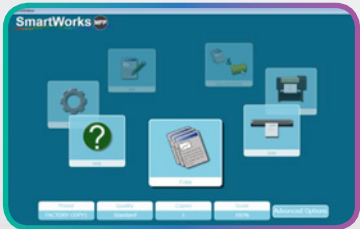
Bi-directional illumination from dual LED arranged on the right and left of the sensor reduces shadowing at creases or folds. High quality scanned image can be obtained.

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.

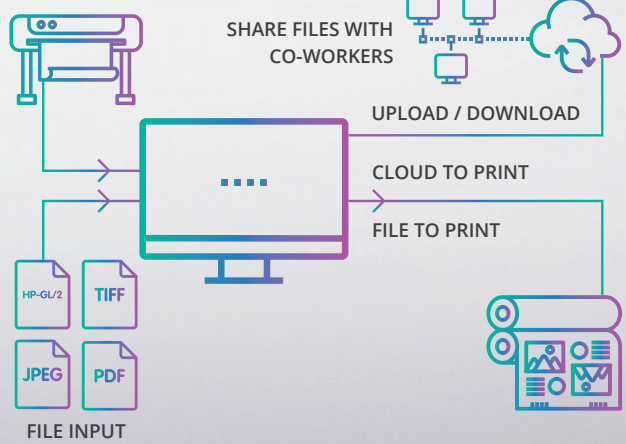
DEVICE MANAGEMENT CONSOLE

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.

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