Canon
SEE IMPOSSIBLE

THE NEXT STANDARD OF ENGINEERING

imagePROGRAF TX-3000 Printer

imagePROGRAF TX-4000 MFP T36 Printer

imagePROGRAF
TX Series
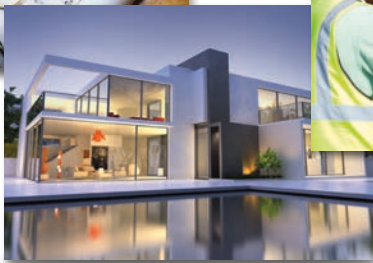
SETTING THE NEXT STANDARD OF ENGINEERING

Canon delivers the imagePROGRAF TX Series of Large-format Printers—
the new solution to help you capitalize on the emerging market trends
and help lead your organization on the path to success.

- **36" imagePROGRAF TX-3000**

- **44" imagePROGRAF TX-4000**

- **36" imagePROGRAF TX-3000 MFP T36
  Scan-to-Copy/File/Share Solution**

- **44" imagePROGRAF TX-4000 MFP T36
  Scan-to-Copy/File/Share Solution**

imagePROGRAF TX-3000 Printer

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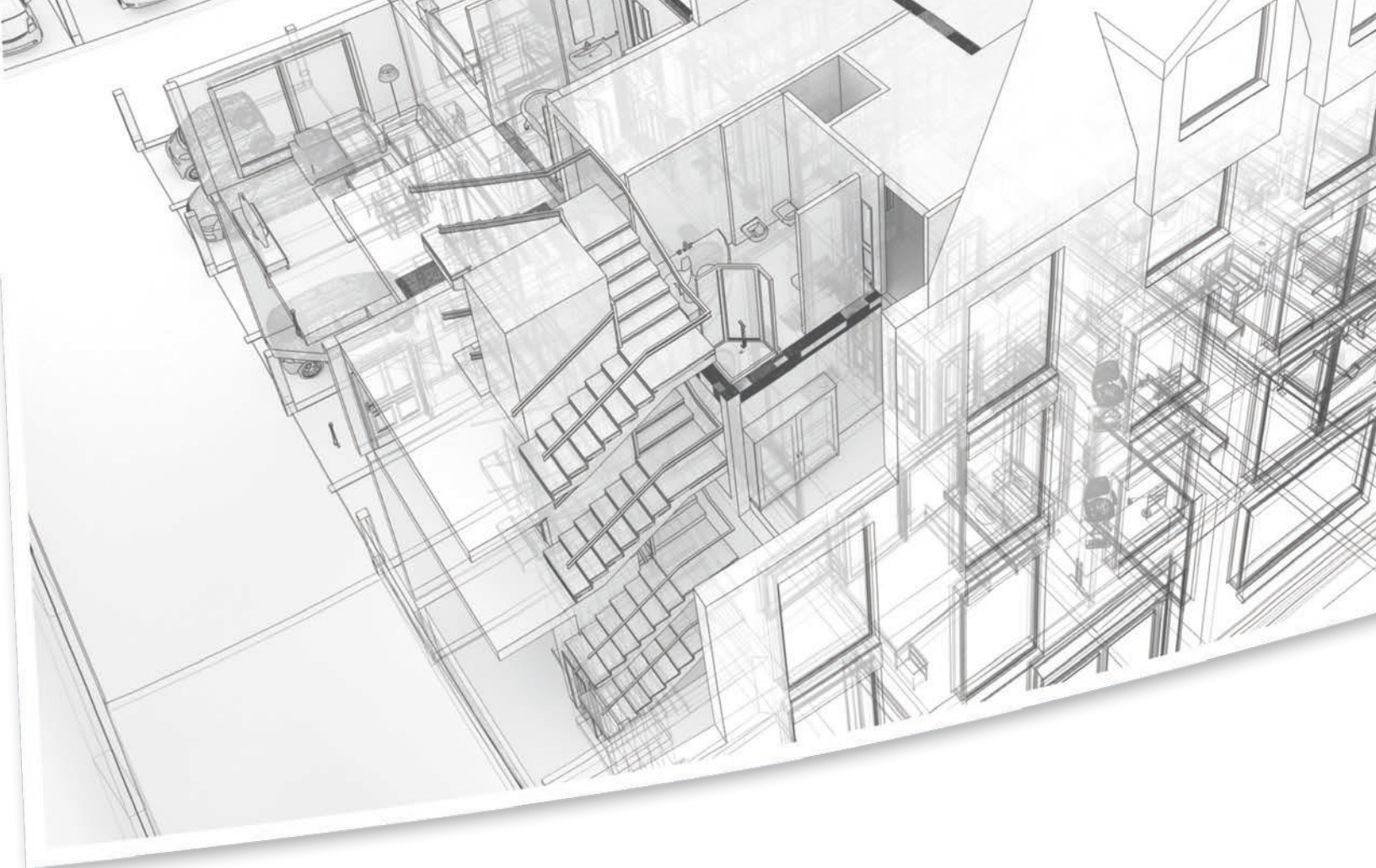
CORE TECHNOLOGIES

#3 IN OVERALL U.S. PATENTS*

AMONG TOP 5 IN THE U.S. PATENTS FOR 31 CONSECUTIVE YEARS*

Canon continues to innovate and build on its award-winning technology,** year after year. These advances have allowed Canon to design solutions to help improve productivity, maximize use, and enhance security features in a seamless system that can put you at the forefront of the large-format printing industry.

Built for today's culture—where more is asked with less—Canon now offers multifaceted advanced solutions for the high-production, technical document inkjet printer market.
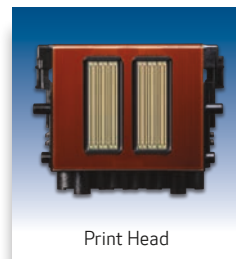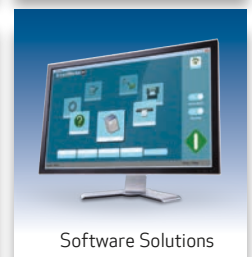

Print Head

Optional Multifunction Roll

LUCIA TD Pigment Ink

TX Stacker

Data Security

Software Solutions

* U.S. Patent and Trademark Office, 2017
** BLI, Wide Format Line of the Year, 2017

ADVANTAGES BUILT RIGHT IN

All the core technologies of the imagePROGRAF TX Series printers are new, including the ink system, the print head, and the mechanical platform. These printers satisfy the needs of the high-volume CAD and low-volume LED plotter markets with print quality, usability, security, and print speeds up to 147 D-sized prints per hour.◆

LUCIA TD PIGMENT INK

The imagePROGRAF TX Series printers have an all-new, 5-color LUCIA TD Pigment ink system. This ink produces fine lines and sharp text, even on non-inkjet coated paper. This ink provides a balance between bleed resistance, black density, and water resistance not found in dye ink. Choose from 160 ml, 330 ml, or 700 ml ink tanks.

AUTOMATIC MEDIA LOADING

For ease of use, the imagePROGRAF TX Series printers offer Automatic Media Loading. Simply load a roll of media onto the roll holder, place it in the printer, and that's it! The printer is able to detect the roll and then automatically feeds the media. No manual roll feeding is required.

SECURITY FEATURES

The imagePROGRAF TX Series Large-format Printers come equipped with security features designed to help protect confidential information. Features include:

• Encrypted Hard Drive
• Secure Disk Erase (Conforms to U.S. Department of Defense standard DoD5220.22-M)
• IPsec Support
• SSL/TLS
• 802.1x Authentication

SECOND ROLL OPTION

The optional Multifunction Roll System can be used in two different ways. You can load a second roll of media, which can be of a different type and size, so you can automatically switch between media types and sizes, without interrupting your workflow. Or the unit can be operator-configured as a bi-directional Take-up unit.

For production printing, two rolls of media up to 650 ft. in length each (6.7" diameter) can be loaded on the printer, giving you the ability to produce over 4,500 sq. ft. of continuous printing on the TX-4000.

TX STACKER

The new TX Stacker can stack up to 100 sheets of ARCH C, ARCH D, or ARCH E page sizes for increased productivity. When not needed, the TX Stacker can be folded for a smaller printer footprint.

SUB-INK TANK SYSTEM

As always, the Sub-Ink Tank System is standard with all imagePROGRAF printers for uninterrupted printing. This feature allows for virtually all the available ink in a tank to be used before having to replace it, helping eliminate any wasted ink.

◆ Plain paper, Fast (Q5) mode.
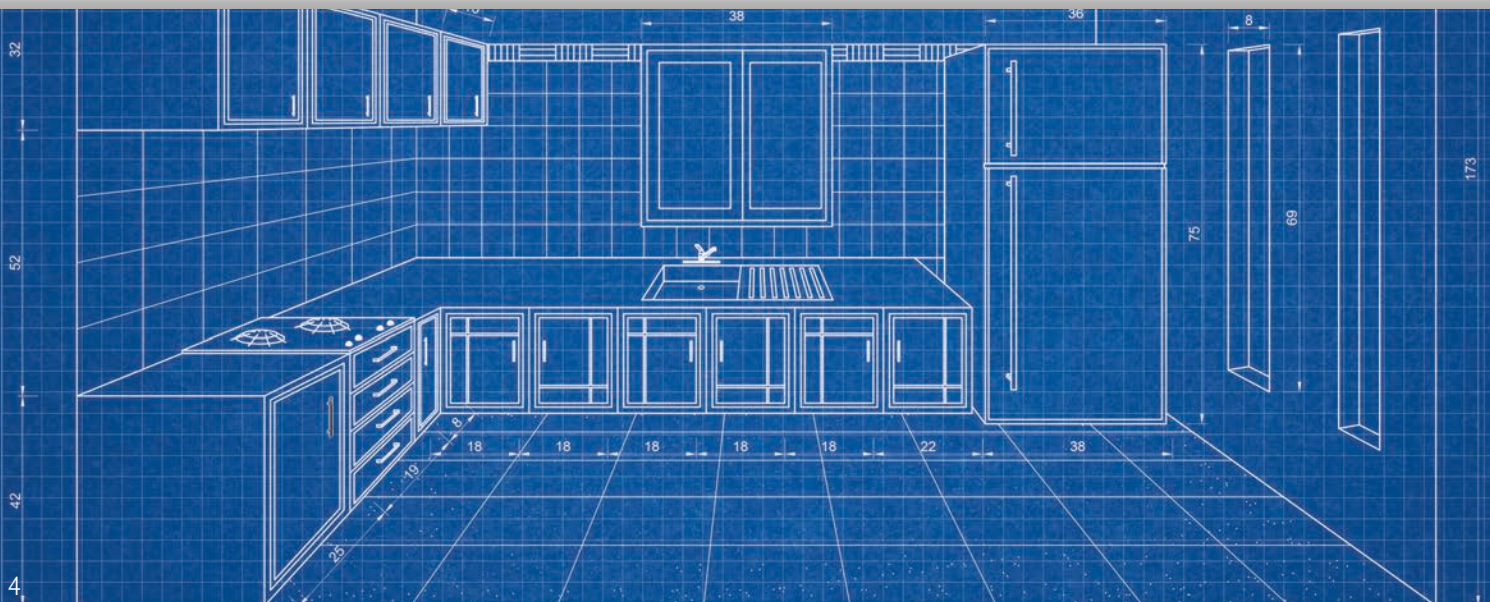
PRINTING SOLUTIONS

A wide variety of standard software is available to help streamline and optimize workflows in large-format printing environments.

DIRECT PRINT & SHARE

This cloud portal solution gives users the ability to upload, download, and print files, including:

• Drag-and-drop files to a Hot Folder
• Batch Print Files—PDF, JPEG, TIFF, and HP-GL/2 supported
• Upload files to the cloud and share across multiple sites

DIRECT USB PRINTING

Never before have imagePROGRAF 5-color printers supported direct USB drive printing. Now both PDF and JPEG files can be directly printed on the imagePROGRAF TX Series devices. Simply input the thumb drive into the USB port on the printer, preview the image on the operation panel, and print!

Wi-Fi®

Wi-Fi connectivity* is standard for the imagePROGRAF TX Series printers.

UNIFIED PRINTER DRIVER

A unified Windows driver enables users to print to any imagePROGRAF TX Series device, without the need to install additional drivers for each printer model. This simplifies installation of multiple devices within the same environment.

AutoCAD® OPTIMIZED PRINTER DRIVER

This optimized printer driver enables accurate printing of data created with AutoCAD.

PosterArtist Lite

This poster-creation software for PCs makes it easy to create posters, signs, and banners from hundreds of customizable templates and stock images. Users just follow the simple, step-by-step, on-screen instructions—no design experience is required! For more information, visit **usa.canon.com/posterartist**

ACCOUNTING MANAGER

This helps track actual ink and media usage and costs for up to 50 devices.

CANON'S PRINT PLUG-IN FOR MICROSOFT® OFFICE

Makes printing enlargements from Microsoft® Excel®, Word, and PowerPoint® as easy as printing to a desktop printer! The on-screen wizard simplifies settings, scaling, and paper size selection.

MEDIA CONFIGURATION TOOL

Register new or custom media types and update the list of Canon GENUINE® media.

* 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.

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imagePROGRAF TX MFP T36 LARGE-FORMAT PRINTERS

Scan-to-Copy/File/Share, the imagePROGRAF TX-3000 MFP T36 and imagePROGRAF TX-4000 MFP T36 models are integrated, multifunction, large-format solutions that include a T36 scanner, all-in-one touch screen computer, TX Stacker, and SmartWorks software.

The Canon imagePROGRAF TX MFP T36 systems are multicomponent, multifunction solutions for architects, engineers, construction, GIS, and other professionals who need to scan, edit, save, share, and print large-format documents easily and efficiently.

All-in-One Design
- Scanner attaches to the top of the printer
- Monitor stand attaches directly to the printer stand

Simultaneous Processing of Scanning and Printing
- Scanner and printer work independently allowing for greater productivity

New SmartWorks MFP Software

T36 Large-Format Scanner

All-in-One 15.6" Touch Screen PC

New 5-Color Pigment Ink Large-Format Printer

Optional Multifunction Roll System

Integrated Design

imagePROGRAF TX-3000 MFP T36 Printer*

*Shown with optional Multifunction Roll System.

SOFTWARE AND SCANNER

SmartWorks MFP scanning software simplifies large-format scanning with intuitive operations on the touch screen display. Even novice users can easily scan, copy, or edit large-format images.

T36 SCANNER

The T36 scanner incorporates a SingleSensor Technology Assembly, which helps provide consistent and better color accuracy with more detail in the shadows and highlights than a staggered CIS array scanner.

Features

- Scanning speed of up to 13 inches per second (monochrome) and 6 inches per second (color)
- Scan a document up to 2.0 mm thick
- Face up/front load/rear exit
- Straight paper path

SmartWorks SOFTWARE

New enhancements have been made to the SmartWorks Software included with both the TX-3000 MFP T36 and TX-4000 MFP T36 printers.

SmartWorks offers:

- An easy-to-use interface with customizable background▲ and presets
- Scan-to-Multipage PDF as a standard feature!
- Ability to mark up documents directly on the monitor▲
- Real-time preview on the large 15.6" touch screen

▲Available 2018

T36 SCANNER SPECIFICATIONS

Scan Speed*
- 48-bit Full Color @ 200 dpi: 6" (per second)
- 16-bit Grayscale and Monochrome @ 200 dpi: 13" (per second)

Scan Modes
- 16.7-million Color RGB (24-bit)
- 256-level Grayscale (8-bit)
- Black and White (1-bit)

Color Space
sRGB

Maximum Resolution
1200 dpi (optical)

Scan Accuracy**
+/- 0.1% ; +/- 1 pixel

Maximum Image Width
36"

Maximum Media Width
38"

Maximum Scan Length
315" (JPEG/PDF), 598" (TIFF)

Maximum Media Thickness
0.079" (2 mm)

Media Feed System
Adaptive CIS media focus management and media guide mechanism; intuitive face-up, front-loading, and front/rear-exit media path; automatic media size detection with optical media sensors

Digital Imaging Technology
Contact Image Sensor (CIS) Technology (SingleSensor Assembly)
- 48-bit RGB digital color image capture
- 16-bit grayscale image capture
- Panchromatic monochrome and black and white
- Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability

Digital Image Processing
- 2D Intelligent Adaptive Thresholding (IAT) (1-bit mode)
- Fixed Threshold Black and White (1-bit mode)
- Dynamic Normalization Application (DNA) with 16-bit Super Sampling

User Status and One-Touch Operation
Right-side mounted control panel; walk-up operation and user selection of stop, forward and rewind, scan, copy, or copy and archive

Included Software
- SmartWorks MFP Scan-to-Copy/File/Email with Real-time Image Viewer. Supports TIFF, JPEG, TIFF G4, and PDF

Operating System
Windows 10 Enterprise LTSB (x64)

User Maintenance
Installable Plug-and-Play Scanner; Simple Cleaning

Scanner Interface Kit
Superspeed USB 3.0 (PC Connector Compatible with USB 2.0 and USB 3.0 sockets)

Operating Environments
10 – 35°C, 35-80% RH, Non-condensing

External Power Supply
100-240 VAC Autosensing +/- 10%, 50-60Hz

Scanner Power Consumption
- 53 Wh (scanning)
- 5 Wh (stand-by)

Compliances
VCCL, CB, CE, FCC, UL, RoHS, ENERGY STAR®

Scanner Dimensions
Height: 6.3"
Width: 43.6"
Depth: 14.4"

Scanner Weight
Approx. 33.1 lb.

What's In The Box?
- T36 Scanner with Power Cord, USB 3.0 Cable
- Power Supply
- Ethernet Cable
- Stand
- (2) Paper Edge Guides
- (3) Document Return Guides
- All-in-One Touch Screen Computer
- USB Drive with SmartWorks MFP Software, Scanner User Manual, and Quick Start Guide
- Calibration Target
- T36 Scanner Quick Start Guide

* 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.

** The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

Note: The imagePROGRAF TX Series MFP T36 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.

SPECIFICATIONS

Print Head
PF-06

Technology
FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)
2400 x 1200 dpi

Line Accuracy*
±0.1% or Less

Minimum Line Weight**
 0.02 mm

Number of Nozzles
Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size
5 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi x Two Rows

Print Head Swath
1.07 inch

Ink Type
Pigment: Matte Black (MBK), Black (BK), Cyan (C), Magenta (M), Yellow (Y)

Ink Tank
Shipped with Printer:
TX-3000 (160 ml each color, 330 ml MBK)
TX-4000 (330 ml each color)
Replacement: PFI-110 (160 ml), PFI-310 (330 ml), or PFI-710 (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

Mailboxes (User Job Storage)
One Common Inbox; 29 User Inboxes (Password-protected)

Media Feed
Roll Feed: One Roll, Front-loading, Front Output

Media Width
TX-3000
Roll Feed: 8"-36" (203 mm –914 mm)
Cut Sheet: 8"-36" (203 mm –914 mm)
TX-4000
Roll Feed: 8"-44" (203 mm – 1118 mm)
Cut Sheet: 8"-44" (203 mm –1118 mm)

Printable Margins
Roll Feed: All Sides: 0.12" (3 mm) or 0" for Borderless

Maximum Print Length (Single Page)†
Roll Feed: 59' (18 m)
Cut Sheet: 63" (1.6 m)

Borderless Printing Widths (Roll Media Only)
TX-3000
8", 10", 12", 14", 16", 17", 20", 24", 30", 36", B4 (10.12"/ 257 mm), A3 (11.69"/297 mm), A3+ (12.95"/329 mm), A2 (16.54"/ 420 mm), B2 (20.28"/515 mm), A1 (23.39"/ 594 mm), B1 (28.66"/ 728 mm), A0 (33.11"/841 mm)
TX-4000
8", 10", 12", 14", 16", 17", 20", 24", 30", 36", 42", 44", B4 (10.12"/257 mm), A3 (11.69"/297 mm), A3+ (12.95"/ 329 mm), A2 (16.54"/420 mm), B2 (20.28"/515 mm), A1 (23.39"/ 594 mm), B1 (28.66"/ 728 mm), A0 (33.11"/ 841 mm), B0 (40.55"/1030 mm)

Media Cutter
Durable Dual-Blade Rotary Cutter

Media Thickness
0.07 – 0.8 mm

Media Core Sizes
2" and 3" Core (Adapter Included)

Maximum Roll Outer Diameter
6.7" (170 mm)

Media Output
TX Stacker (Standard)

Printing Software Utilities
Accounting Manager, Apple AirPrint,†† Canon Print Service, Device Management Console, Direct Print & Share, Free Layout Tool, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, PosterArtist Lite for Windows, Printer Driver Extra Kit for Windows/Mac (Free Print Utility Layout, Advanced Preview), Optimized Driver for AutoCAD®, Print Plug-in for Microsoft® Word/Excel/PowerPoint® for Windows, Quick Utility Toolbox

Operating System
Windows 7 (32/64 bit), Windows 8.1 (32/64 bit), Windows 10 (32/64 bit), Windows Server 2008 R2, (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2012 R2 (64 bit), Windows Server 2016 (64 bit), Macintosh OS X v10.10.5-v10.12 X

Print Language
Printer: SGRaster, HP-GL/2, HP RTL, PDF, JPEG

Interface
Standard (Built-in): USB 2.0 Hi-Speed, 10/100/ 1000Base-T/TX, Wireless LAN (IEEE 802.11 b/g/n)■
Direct USB Thumb Drive Printing

Acoustic Noise
Operation: 51 dB (A) or Less
Standby: 35 dB (A) or Less
Acoustic Power: 6.9Bels or Less

Power Supply
AC 100–240V (50-60 Hz)

Power Consumption
Maximum: TX-3000: 105 W or Less
        TX-4000: 107W or Less
Standby: 3.6 W or Less
Power Off: 0.3 W or Less (Executive Order Compliant)

Certifications
Electrical Safety Regulations
C TUVus (U.S.A.), C TUVus (Canada)
Electromagnetic Interface Regulations
FCC Part 15B (U.S.A.), IC (Canada)
Radio Regulations
FCC Part 15C (U.S.A.), IC (Canada)
Environmental Certifications
ENERGY STAR® (Worldwide)

Operational Environment
Temperature: 59° – 86° F (15° – 30° C)
Relative Humidity: 10 – 80% (No Condensation)

Printer Dimensions (H x W x D) and Weight with Stand and Stacker (with Stacker Open)
TX-3000: 46.0" x 54.7" x 46.8" Approx. 257 lb.
TX-4000: 46.0" x 62.7" x 46.8" Approx. 277 lb.

Package Dimensions (H x W x D) and Weight
With Stand and Pallet
TX-3000
41.8" x 63.2" x 35.6" Approx. 337 lb.
Stacker
11.5" x 49.2" x 35.7" Approx. 53 lb.
TX-4000
41.8" x 71.7" x 36.0" Approx. 364 lb.
Stacker
11.5" x 57.6" x 35.7" Approx. 55 lb.

Options
• Multifunction Roll System
  (**TX-3000:** RU-32, **TX-4000:** RU-42)
• 2"/3" Roll Holder Set
  (**TX-3000:** RH2-34, **TX-4000:** RH2-45)
• PosterArtist
User-Replaceable Items
• Ink Tank (PFI-110/PFI-310/PFI-710)
• Print Head (PF-06)
• Maintenance Cartridge (MC-30)
• Cutter Blade (CT-07)

What's In The Box
Printer, TX Stacker, Stand, 2"/3" Core Media Spool (Adapters Included), Power Cord, Tools and Screws, Print Head, Maintenance Cartridge (Installed), 5 Ink Tanks (MBK/C/M/Y/BK), Sample Heavyweight Coated Paper (A2/5 sheets), Ethernet Card (built-in), USB 2.0 High-speed Interface, USB Connection Sheet, iWR Service Terms Leaflet, User Manual, Quick Setup Guide, User Software CD for Windows (Printer Driver Utilities), PosterArtist Lite CD, User Registration Card

 * 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.

** Theoretical value based on data resolution.

 † The maximum printable length varies, depending on the application, OS, and RIP used.

†† To be supported in 2018 by updating firmware.

■ 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.

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