Canon imagePROGRAF TX&TM Series

This document describes the supported features and options in the Canon iPF TX/TM series printer driver for Fiery XF.

Supported printers

- Canon imagePROGRAF TX-2000
- Canon imagePROGRAF TX-5200 (Asia version of TX-2000)
- Canon imagePROGRAF TX-3000
- Canon imagePROGRAF TX-5300 (Asia version of TX-3000)
- Canon imagePROGRAF TX-4000
- Canon imagePROGRAF TX-5400 (Asia version of TX-4000)
- Canon imagePROGRAF TM-200 / 205*
- Canon imagePROGRAF TM-5200 / 5205* (Asia version)
- Canon imagePROGRAF TM-300 / 305*
- Canon imagePROGRAF TM-5300 / 5305* (Asia version)

* model with internal hard disk

Specifications

24-inch printer models

- Canon imagePROGRAF TX-2000
- Canon imagePROGRAF TX-5200
- Canon imagePROGRAF TM-200
- Canon imagePROGRAF TM-5200
- Canon imagePROGRAF TM-205
- Canon imagePROGRAF TM-5205

36-inch printer models

- Canon imagePROGRAF TX-3000
- Canon imagePROGRAF TX-5300
- Canon imagePROGRAF TM-300

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- Canon imagePROGRAF TM-5300
- Canon imagePROGRAF TM-305
- Canon imagePROGRAF TM-5305

44-inch printer models

- Canon imagePROGRAF TX-4000
- Canon imagePROGRAF TX-5400

Option	24-inch printer models	36-inch printer models	44-inch printer models
Printer type	5 color - 24"/609.6 mm	5 color 36”/917 mm	5 color 44”/1118 mm
Print technology	Canon Bubblejet on Demand 6 colors integrated type (6 chips per print head x 1 print head)		
Number of nozzles	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each		
Print resolution	2400 dpi x 1200 dpi		
Nozzle pitch	1,200 x 2, includes non-firing nozzle detection and compensation system		
Ink droplet size	5 pl per color		
Ink capacity	160ml/330ml/700ml		
Ink type	Pigment ink: 5 color MBK/BK/C/M/Y		
Printer languages	SG Raster (Swift Graphic Raster), PDF (Ver. 1.7), JPEG (Ver. JFIF 1.02)		
Media feed and output	Roll paper: One roll, front-loading, front output Optional roll paper: One roll, front-loading, front output Cut sheet: Front-loading, front output (manual feed using media locking lever)		
Media width	Roll paper: 203.2 - 609.6 mm Cut sheet: 203.2 – 609.6 mm	Roll paper: 203.2 ~ 917mm Cut sheet: 203.2 ~ 917 mm	Roll paper: 203.2 ~ 1118 mm Cut sheet: 203.2 ~ 1118 mm
Minimum printable length	203.2 mm		
Media take-up roll unit	Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll* * TX series only	Optional - Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll* * TX series only	standard

Option	24-inch printer models	36-inch printer models	44-inch printer models
Borderless printing width (roll only)	515 mm (JIS B2) 594 mm (ISO A1) 10”, 14”, 17”, 24” 257 mm (JIS B4)* 297 mm (ISO A3)*, 329 mm (ISO A3+)*, 420 mm(ISO A2)* 8”*, 16”* 300 mm* * Some environmental conditions may not produce the desired result	515 mm (JIS B2) 728 mm (JIS B1) 594 mm (ISO A1) 841 mm (ISO A0) 10”, 14”, 17”, 24”, 36” 257 mm (JIS B4)* 297 mm (ISO A3)* 329 mm (ISO A3+)* 420 mm (ISO A2)* 8”*, 16”*, 30”* 300 mm * Some environmental conditions may not produce the desired result	515 mm (JIS B2) 728 mm (JIS B1) 1030 mm (JIS B0) 594 mm (ISO A1) 841 mm (ISO A0) 10”, 14”, 17”, 24”, 36”, 42”, 44” 257 mm (JIS B4)* 297 mm (ISO A3)* 329 mm (ISO A3+)* 420 mm (ISO A2)* 8”*, 16”*, 30”* 300 mm* * Some environmental conditions may not produce the desired result

Supported OS

- Windows 64

Color Mode

- CMYK Contone
- RGB

Ink configuration

- LUCIA TD 5 color inks

Supported media trays

- Roll Paper (Auto)

  Automatic roll switching is available if a second roll tray is installed.

- Roll 1
- Roll 2

  Standard for TX-4000 and an option for all other TX models; no support for TM series.

- Manual tray

Supported media sizes

- TX series: Roll paper (auto) / Roll 1 / Roll 2
- TM series: Roll 1

Media size	24-inch models	36-inch models	44-inch models	Borderless
44 inch			✓	✓
42 inch			✓	✓
36 inch		✓	✓	✓
30 inch		✓	✓	
24 inch	✓	✓	✓	✓
17 inch	✓	✓	✓	✓
16 inch	✓	✓	✓	
14 inch	✓	✓	✓	✓
10 inch	✓	✓	✓	✓
8 inch	✓	✓	✓	
ISO A0 roll (841 x 15000 mm)		✓	✓	✓
ISO A1 Roll (594 x 15000 mm)	✓	✓	✓	✓
ISO A2 roll (420 x 15000 mm)	✓	✓	✓	
ISO A3+ roll (329 x 15000 mm)	✓	✓	✓	
ISO A3 roll (297 x 15000 mm)	✓	✓	✓	
JIS B0 roll (1030 x 15000 mm)			✓	✓
JIS B1 roll (728 x 15000 mm)		✓	✓	✓
JIS B2 roll (515 x 15000 mm)	✓	✓	✓	✓
JIS B4 roll (257 x 15000 mm)	✓	✓	✓	

- Manual tray

Media size	24-inch models	36-inch models	44-inch models
ISO A0 (841 x 1189 mm)		✓	✓
ISO A1 (594 x 841 mm)	✓	✓	✓
ISO A2+ (17x24 inch)	✓	✓	✓

Media size	24-inch models	36-inch models	44-inch models
ISO A2 (420 x 594 mm)	✓	✓	✓
ISO A3+ (329 x 483 mm)	✓	✓	✓
ISO A3 (297 x 420 mm)	✓	✓	✓
ISO A4 (210 x 297 mm)	✓	✓	✓
ISO B0 (1000x1414 mm)			✓
ISO B1 (707 x 1000 mm)		✓	✓
ISO B2 (500 x 707 mm)	✓	✓	✓
ISO B3 (353 x 500 mm)	✓	✓	✓
ISO B4 (250 x 353 mm)	✓	✓	✓
JIS B0 (1030 x 1456 mm)			✓
JIS B1 (728 x 1030 mm)		✓	✓
JIS B2 (515 x 728 mm)	✓	✓	✓
JIS B3 (364 x 515 mm)	✓	✓	✓
JIS B4 (257 x 364 mm)	✓	✓	✓
ANSI E (34 x 44 inch)		✓	✓
ANSI F (28 x 40 inch)		✓	✓
ANSI D (22 x 34 inch)	✓	✓	✓
ANSI C (17 x 22 inch)	✓	✓	✓
ANSI B (11 x 17 inch)	✓	✓	✓
ANSI B Super	✓	✓	✓
Letter (8.5 x 11 in)	✓	✓	✓
ANSI Legal	✓	✓	✓
ARCH E (36 x 48 inch)		✓	✓
ARCH E1 (30 x 42 inch)		✓	✓
ARCH E2 (26 x 38 inch)		✓	✓

Media size	24-inch models	36-inch models	44-inch models
ARCH E3 (27 x 39 inch)		✓	✓
ARCH D (24 x 36 inch)	✓	✓	✓
ARCH C (18 x 24 inch)	✓	✓	✓
ARCH B (12 x 18 inch)	✓	✓	✓
ARCH A (9 x 12 inch)	✓	✓	✓
DIN C0 (917 x 1296 mm)			✓
DIN C1 (648 x 917 mm)		✓	✓
DIN C2 (458 x 648 mm)	✓	✓	✓
DIN C3 (324 x 458 mm)	✓	✓	✓
DIN C4 (229 x 324 mm)	✓	✓	✓
20 x 24 inch	✓	✓	✓
18 x 22 inch	✓	✓	✓
14 x 17 inch	✓	✓	✓
12 x 16 inch	✓	✓	✓
10 x 12 inch	✓	✓	✓
10 x 15 inch	✓	✓	✓
8 x 10 inch	✓	✓	✓
US Photo 16 x 20 inch	✓	✓	✓
Poster 20 x 30 inch	✓	✓	✓
Poster 30 x 40 inch		✓	✓
Poster 42 x 60 inch			✓
Poster 44 x 62 inch			✓
Poster (300 x 900 mm)	✓	✓	✓
13 x 22 inch (Canon)	✓	✓	✓

First Steps

Fiery XF needs a valid connection to the imagePROGRAF printer. This could be a network or USB connection.

As soon as the port is set up correctly and the printer is online, Fiery XF will download the media information from the printer.

Troubleshooting

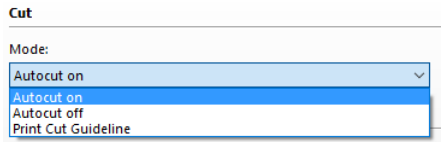
If you encounter problems with the communication between printer and Fiery XF, do the following:

- Make sure that the port settings are correct, and that the printer is powered on and not in sleep mode.

  It takes some time to set up a communication to the printer and download data from the printer. Wait for at least 2 minutes if setting up a network connection or up to 5 Minutes for a USB connection.
- The media information is only read once at application start time. Click the Test button to rescan the media list.
- If the steps above do not help, restart the Fiery XF server.

Special printer settings

- Cutting modes (roll media only)



- Borderless printing

  The list of available media size changes if the borderless option is selected. Not all media sizes are supported in borderless print mode.



- Dry time (in seconds)

