



EPSON SureColor P53x0 CT/RGB Driver

This document describes the supported features and options of the EPSON SureColor P53x0 CT/RGB printer driver for Fiery XF

System Requirements

The following overview informs you about the **minimum** required Fiery XF server for full support of this printer.

Fiery XF Server
Fiery XF 8.0.2

Supported Printer:

EPSON SC-P53x0 (appearance in Fiery XF) supports:

10 color, 17 inch width

- EPSON SC-P5300 (Europe, Middle East, English Speaking Africa, Israel)
- EPSON SC-P5370 (USA, Canada, Central & South America)
- EPSON SC-P5360 (Australia, New Zealand)
- EPSON SC-P5340 (Korea)
- EPSON SC-P5330 (Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam, Pakistan, Taiwan, Myanmar, Cambodia, India, Bangladesh, SriLanka, Nepal, Republic of Maldives)
- EPSON SC-P5380 (China)
- EPSON SC-P5380 (Hong-Kong)
- EPSON SC-P5350 (Japan)

Specification Summary

Item	SC-P53x0
Printer width	17 inches
Ink set	Epson UltraChrome PRO10 - C/VM /Y /PK/MK / GY/LGY/LC/LM/V
Media type	Roll paper, Cut sheet, Board paper
Paper path	Roll, Manual sheet(Rear), Manual sheet(Front),Auto sheet Feeder (ASF)
Paper Width	203-432mm(Roll) , 203 -432mm(Sheet)
Paper Thickness	0.08-0.5mm(Roll), 0.08-1.5mm(Sheet)
Roll spindle	Spindle used, 2,3 in. Core
Borderless print	Supported
EMX	Supported
I/F	USB: USB2.0 10Base-T/100Base-T

HDD/SSD unit	Not supported
SpectroProofer	Not available

Color Mode

- CMYK
- RGB

Ink Configuration

- EPSON UltraChrome PRO10

Supported Options (Valid for all printer of this supplement)

- Print direction
 - Uni-directional
 - Bi-directional
- Auto cut
 - Autocut On
 - Autocut Off
 - Print horizontal line.
- Borderless
 - On
 - Off
- Paper Edge Quality
 - Standard
 - Add Top Margin
 - Optimize Media Edge Print Quality
- Ink density adjustment
 - Range is 12% .. 400%
 - Default value is 100% (no adjustment)
 - Each time you choose a calibration in Server Manager or Job Editor, the adjustment value will be set from the calibration's EPL.

Supported Resolutions and Print Modes

Media Name	Black Ink	Quality name	Rip resolution	Print resolution
Premium Luster Photo Paper (260)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Glossy Photo Paper (250)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Semigloss Photo Paper (250)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Semimatte Photo Paper (260)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Glossy Photo Paper (170)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Semigloss Photo Paper (170)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Glossy Photo Paper	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Semigloss Photo Paper	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Premium Luster Photo Paper	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Photo Paper Gloss (250)	Photo	Standard	360/720	720*720
		Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Baryta	Photo	Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
		Carbon Black	360/720	2880*1440
Epson Proofing Paper White Semimatte	Photo	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440

Epson Proofing Paper Commercial	Photo	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Velvet Fine Art Paper	Matte	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Watercolor Paper - Radiant White	Matte	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Epson UltraSmooth Fine Art Paper	Matte	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Fine Art Matte	Matte	High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Washi	Matte	High Quality	360/720	1440*1440
Doubleweight Matte Paper	Matte	Quality	360/720	1440*720
Singleweight Matte Paper	Matte	Quality	360/720	1440*720
Photo Quality Ink Jet Paper	Matte	Speed	360/720	720*720
		Quality	360/720	1440*720
Enhanced Matte Paper	Matte	Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Epson Archival Matte Paper	Matte	Quality	360/720	1440*720
		High Quality	360/720	1440*1440
		MaxQuality	360/720	2880*1440
Canvas Satin	photo	Quality	360/720	1440*1440
Canvas Matte	Matte	Quality	360/720	1440*1440
Plain Paper	Matte	Speed	360	720*360
		Quality	360/720	720*720
Enhanced Synthetic Paper	Matte	Quality	360/720	1440*720
Backrit (Generic)	Matte	Quality	360/720	1440*720

*Quality name Carbon Black is available only for RGB driver.

RIP Resolution:

360 = 360 x 360

720 = 720 x 720

EMX/Epson Edge Dashboard Support

Registering the Media Types in Printer using Epson Edge Dashboard

Before you can use the Epson SureColor printer in the Fiery XF RIP software, you must first install and set up Epson Printer Driver, Epson Media Installer and Epson Edge Dashboard.

After installing the software, register your printer using the Epson Edge Dashboard. For more information on printer registration, see the Epson documentation.

If everything is set up correctly it should look like this:

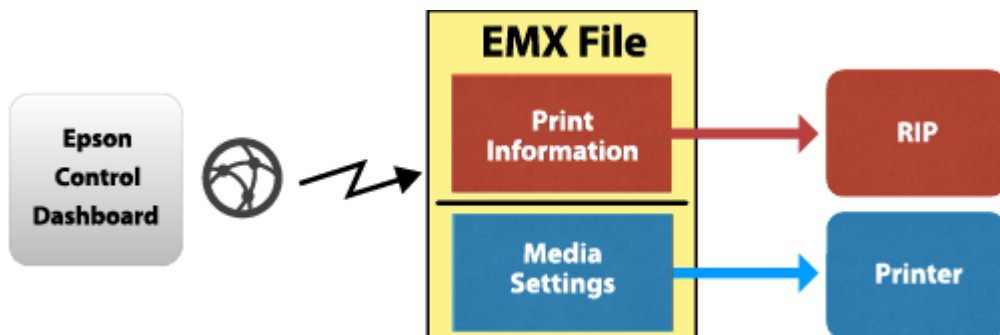
The screenshot displays the Epson Edge Dashboard for an EPSON SC-P8500D Series Comm Driver. The interface is divided into several sections:

- Ready:** A green checkmark icon and the word "Ready" are shown at the top left.
- Error / Warning:** A bell icon with "(0)" indicates no errors or warnings.
- Media Information:**
 - Media Setting Name:** Plain Paper [Roll Paper 1]
 - Width:** 431.2 mm
 - Platen Gap:** Auto
- Ink Cartridge:** Six color-coded icons (PK, MK, Y, M, C, CY) representing the ink levels for each color.
- Maintenance Box:** Three green icons representing the maintenance box status.
- Version Information:**
 - Serial Number: 5031E50005
 - Firmware Version: XQ19L7_PD----_PD----
 - IP Address: 10.130.96.40

The next step is to download the media settings. You can do this by clicking Media Settings in Epson Edge Dashboard and then launching Epson Media Installer

You can then select the Media Settings and Download and Register them.

For more detailed information, see the documentation provided by Epson.



After the media are registered in the printer, the system is ready to use with the Fiery XF RIP software.

Media list from printer

To transfer the media list to Fiery XF, set up the output device in Fiery XF for the appropriate printer model, including the IP address. As soon as you save your settings, all the available media information and ICC profiles from the Target (printer) list are downloaded using Epson Edge Dashboard.

Epson Media Installer

Media Management | **Media Download**

Printer: EPSON SC-P5300 Series Comm Driver | Media Vendor: EPSON | Media Type: All | Search

Media Vendor	Media Name	Media Type	Notifications	Status	Last Updated
EPSON	Backlight Film Roll MK	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Backlight Film Roll PK	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Enhanced Low Adhesive Synthetic Paper	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Enhanced Adhesive Synthetic Paper	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Enhanced Synthetic Paper	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Heavyweight Polyester Banner	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Enhanced Matte Poster Board	Other		<input type="radio"/> Not Acquired	03-Mar-22 4:22:00 PM
EPSON	Plain Paper (CAD)	Plain Paper		<input type="radio"/> Not Acquired	03-Mar-22 2:44:00 PM
EPSON	Plain Paper	Plain Paper		<input checked="" type="radio"/> Registered	03-Mar-22 2:43:00 PM
EPSON	Photo Quality Inkjet Paper	Matte Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:06:00 PM
EPSON	Singleweight Matte Paper (CAD)	Matte Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:06:00 PM
EPSON	Singleweight Matte Paper	Matte Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:06:00 PM
EPSON	Archival Matte Paper	Matte Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:06:00 PM
EPSON	Enhanced Matte Paper	Matte Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:06:00 PM
EPSON	Doubleweight Matte Paper	Matte Paper		<input checked="" type="radio"/> Registered	03-Mar-22 3:06:00 PM
EPSON	Canvas Satin	Canvas		<input type="radio"/> Not Acquired	03-Mar-22 4:12:00 PM
EPSON	Canvas Matte	Canvas		<input type="radio"/> Not Acquired	03-Mar-22 4:12:00 PM
EPSON	Fine Art Matte	FineArt Paper		<input type="radio"/> Not Acquired	03-Mar-22 4:08:00 PM
EPSON	UltraSmooth Fine Art paper	FineArt Paper		<input type="radio"/> Not Acquired	03-Mar-22 4:08:00 PM
EPSON	Watercolor Paper - Radiant White	FineArt Paper		<input type="radio"/> Not Acquired	03-Mar-22 4:08:00 PM
EPSON	Velvet Fine Art Paper	FineArt Paper		<input type="radio"/> Not Acquired	03-Mar-22 4:08:00 PM
EPSON	Baryta	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:36:00 PM
EPSON	Premium Semigloss Photo Paper(170)	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:36:00 PM
EPSON	Premium Glossy Photo Paper(170)	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:36:00 PM
EPSON	Premium Luster Photo Paper	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:36:00 PM
EPSON	Photo Paper Gloss(250)	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:40:00 PM
EPSON	Premium Semigloss Photo Paper	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:36:00 PM
EPSON	Premium Glossy Photo Paper	Photo Paper		<input type="radio"/> Not Acquired	03-Mar-22 3:35:00 PM

Download and Register

Next, Fiery XF creates EPL files for each media registered in the printer. This process can take some time and depends very much on your PC. Wait at least one minute before checking the profile list. If the list does not appear, restart the Fiery XF server.

Media List from EMX file

Alternatively, you can drop an EMX file into this folder:

C:\ProgramData\EFI\EFI XF\Server\Temp\EpsonEmxHotfolder

Like for the printer, media information and ICC files will be downloaded from the EMX file and EPL files will be created.

This is useful if another Dashboard is already connected to the printer, but that Dashboard is not accessible. It works even without a Comm driver.

Selecting the Profile for printing

You can now select one of the downloaded, registered media. Depending on the selected media, multiple EPLs may be available. You can see if it is from the printer...

... or from an EMX file:

Resulting Calibration(s)

EPSON_Premium Glossy Photo Paper(170)_102000140_10_C... ▾

ICC

Epson_SC-P5300_PremiumGlossyPhotoPaper170_CMYK_C_720x720.icc

Media type

Premium Glossy Photo Paper(170)

C:/ProgramData/EFI/EFI Media Profiles/EPSON/SC-P5300 Series/EPSON/
Premium Glossy Photo Paper(170)/Epson_SC-
P5300_PremiumGlossyPhotoPaper170_CMYK_C_720x720.icc

Device link profile

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Print direction

Unidirectional Switch to bidirectional

Visual correction

None ▾

Resulting Calibration(s)

EPSON_Singleweight Matte Paper_102000128_1_CMYK.epl ▾

ICC

Epson_SC-P5300_SingleweightMattePaper_CMYK_C_1440x720.icc

Media type

Singleweight Matte Paper

C:/ProgramData/EFI/EFI Media Profiles/EPSON/SC-P5300 Series/
EPSON_10.130.96.40/Singleweight Matte Paper/Epson_SC-
P5300_SingleweightMattePaper_CMYK_C_1440x720.icc

Device link profile

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Print direction

Bidirectional Switch to unidirectional

Visual correction

None ▾

The Print mode list box shows the print modes by name:

Print mode

- Any ▾
- Any
- 1440x1440dpi - Photo Color
- 1440x1440dpi - 19 Pass Uni Photo Color
- 720x720dpi - 6 Pass Uni Fine Color
- 1440x720dpi - 11 Pass Uni SuperFine Color
- 720x720dpi - 6 Pass Fine Color
- 1440x720dpi - 11 Pass SuperFine Color
- 720x360dpi - 2 Pass Fine Color
- 720x720dpi - 4 Pass Fine Color
- 720x360dpi - 2 Pass Uni Fine Color
- 720x720dpi - 4 Pass Uni Fine Color
- 1440x720dpi - 10 Pass SuperFine Color
- 1440x720dpi - 10 Pass Uni SuperFine Color

Every EPL represents a different combination of printer resolution and print quality.

Note: There is no need to repeat the procedure for additional media downloaded through Epson Edge Dashboard. You just need to make sure that the downloaded media is registered properly at the Epson printer itself using Epson Edge Dashboard.

FAQ

Question	Answer
Can I use Fiery XF without Epson Edge Dashboard	Not entirely without. Epson Edge Dashboard must be either installed on the same computer or accessible in the same network (exactly one installation)
Can I use EMX files	Yes

Change History

Version	Date	Description	Updated by	Affected XF Versions
v1.0	10-Apr-24	First Draft	Vachan KC	Fiery XF 8.0.2