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

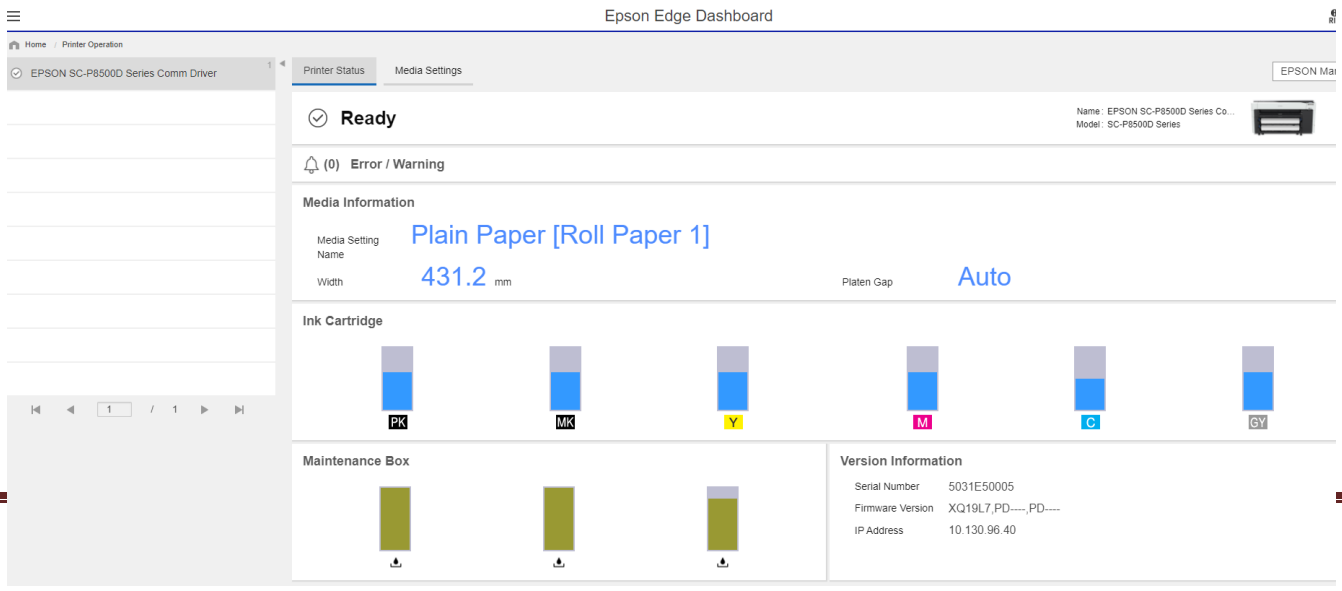
EMX/Epson Edge Dashboard Support

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.

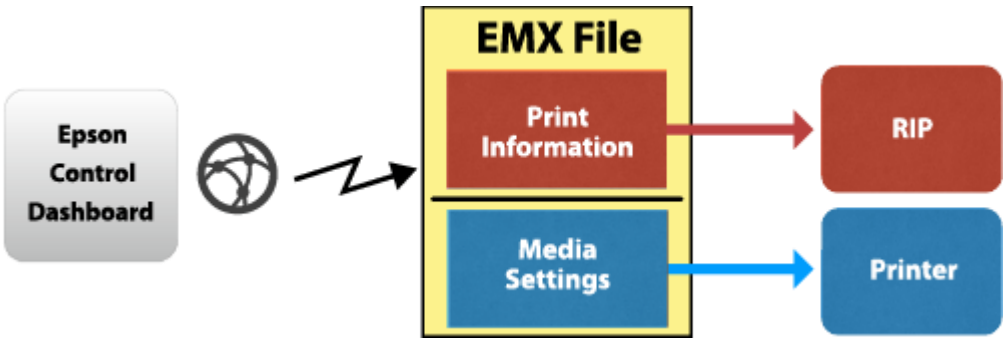
If everything is set up correctly it should look like this:



The 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.

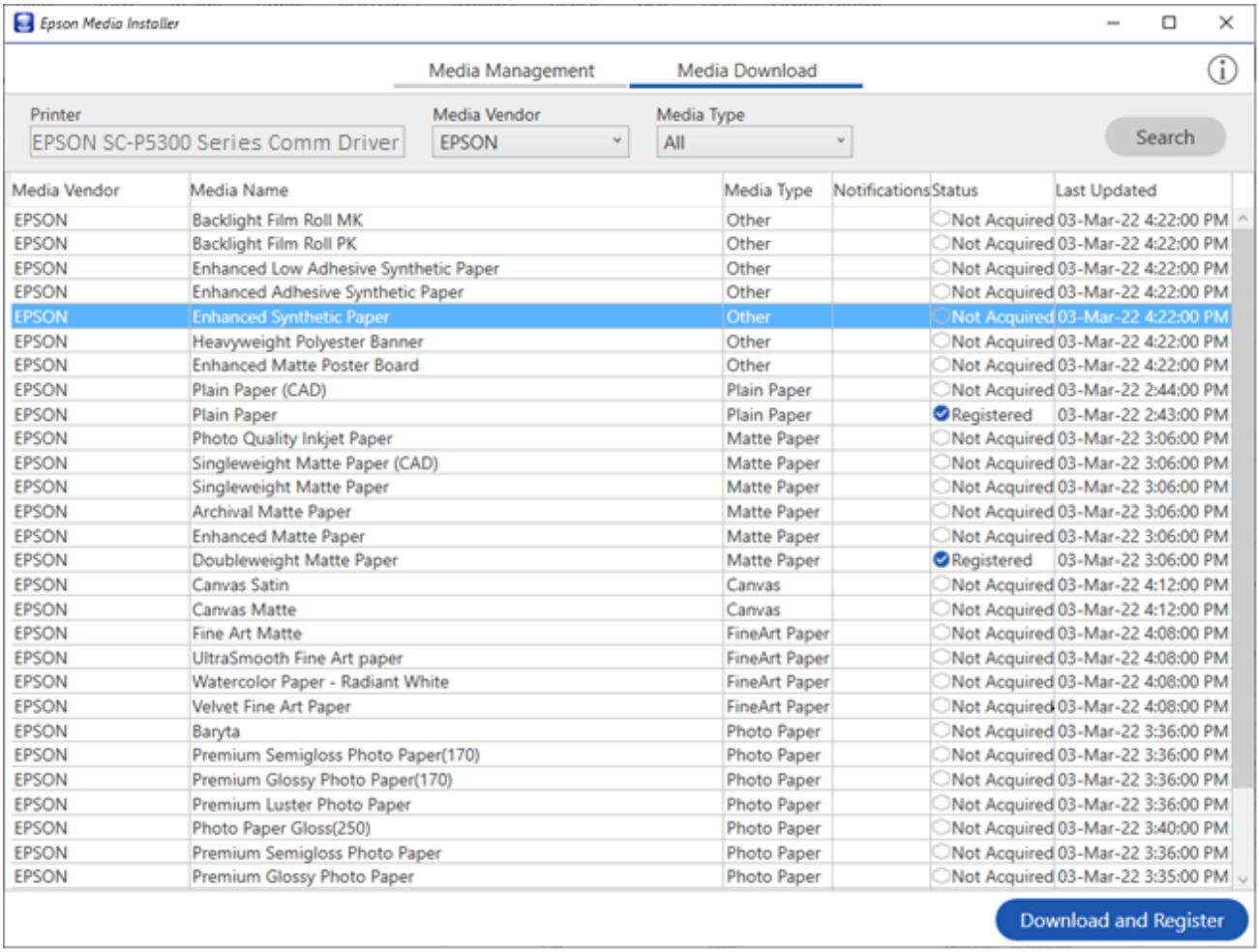
For more detailed information, see the documentation provided by Epson.



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.



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

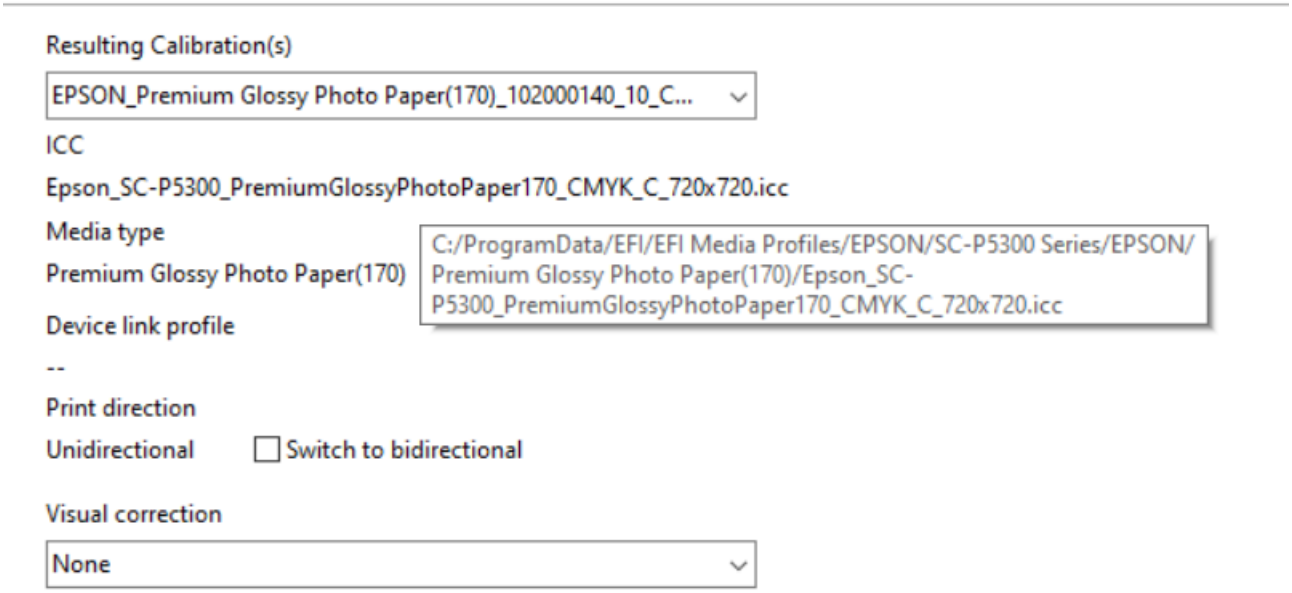
Like for the printer, media information and ICC files will be downloaded from the EMX file and EPL files will be created.

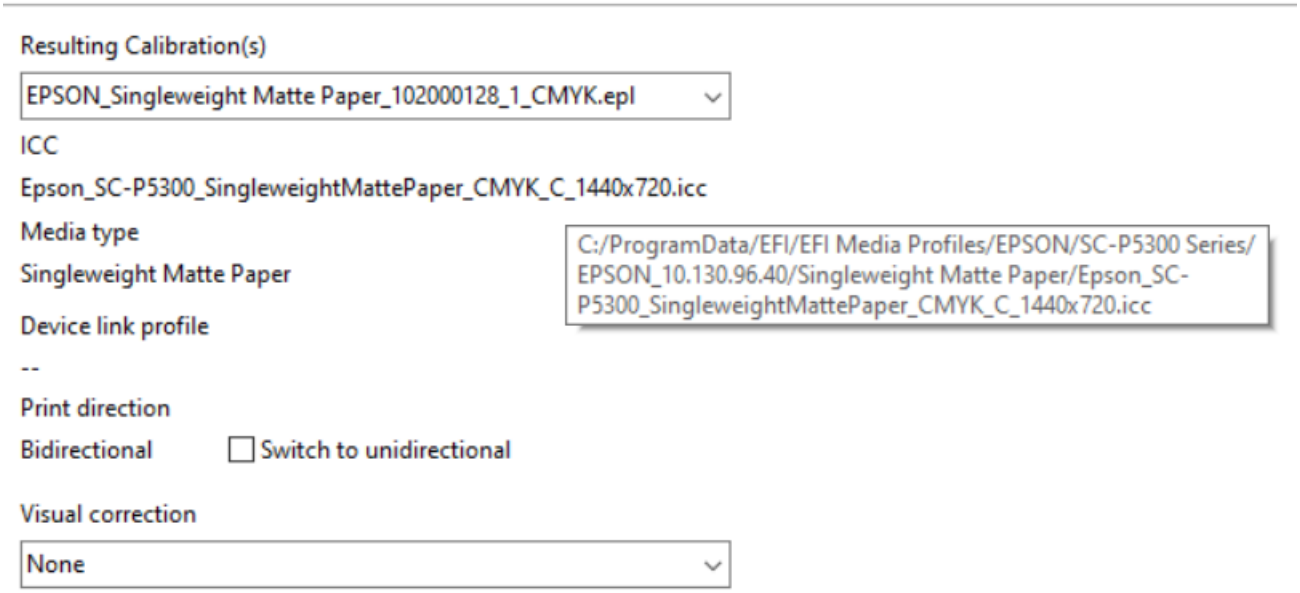
This is useful if another Dashboard is already connected to the printer, but that Dashboard is not accessible. It works even without a Comm driver.

Selecting the Profile for printing

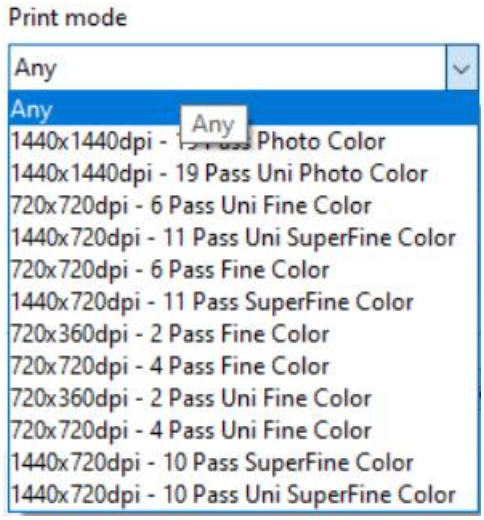
You can now select one of the downloaded, registered media. Depending on the selected media, multiple EPLs may be available. You can see if it is from the printer…

… or from an EMX file:





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



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