



EPSON SureColor P9500/P7500 Series CT/RGB Driver

This document describes the supported features and options of the EPSON SureColor P9500/P7500 CT/RGB printer driver for Fiery XF

System Requirements

The following overview informs you about the **minimum** required Fiery XF server, Fiery Command WorkStation and Color Profiler Suite versions for full support of this printer.

Fiery XF Server	Fiery Command Workstation	Fiery Color Profiler Suite
Fiery XF 7.1.4 and higher	CWS 6.4.0.500 and higher	CPS 5.3.0.12 and higher

Proofing Mode

In Autumn 2020 Epson introduced an update of printer firmware and SDK components. The update adds the following features to the printer:

- Maximum input resolution **1200 dpi** is available for printer resolutions 1200x1200 and 2400x1200 regardless of media type. Before the update, only proofing media supported up to 1200 dpi.
- Print Quality **Proofing**. This quality reproduces more precise small texts than **Quality**. It is available for Proof and Photo papers.

Proofing Mode Update Warning:

EPSON has changed the printer firmware to support the new feature.

- The new firmware supports our existing software. New means LK27K8 / LL27K8 or later, e.g. LK01KA / LL01KA. We have tested the latter.
- The old firmware is not compatible and will eject blank paper. This happens even for existing print qualities. Old means older than LK27K8/ LL27K8.

Please look at this compatibility chart:

Fiery XF Installation	Old printer firmware	New printer firmware	Proofing Mode features	Comment
7.1.4 – 7.2.x	OK	OK	No	Regular updates of Fiery XF 7.2 will not break the function with old printer firmware.
7.2.x (e.g. 7.2.1) plus Addon	FAIL	OK	Yes	Fiery XF 7.2 Epson SC P7500 9500 Addon installer adds the necessary modules to a Fiery XF 7.2.x installation so you can use the new feature. You must update the printer firmware.
7.3	FAIL	OK	Yes	Fiery XF 7.3 supports the feature from the beginning. You must update the printer firmware.

Supported Printer

- I. EPSON SC-P75x0 (appearance in Fiery XF) supports:
- EPSON SC-P7500 (Europe, Middle East, English Speaking Africa, Israel)
 - EPSON SC-P7570 (USA, Canada, Central & South America)
 - EPSON SC-P7560 (Australia, New Zealand)
 - EPSON SC-P7540 (Korea)
 - EPSON SC-P7530 (Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam, Pakistan, Taiwan, Myanmar, Cambodia, India, Bangladesh, SriLanka, Nepal, Republic of Maldives)
 - EPSON SC-P7580 (China, Hong-Kong)
 - EPSON SC-P7550 (Japan)
- II. EPSON SC-P95x0 (appearance in Fiery XF) supports:
- EPSON SC-P9500 (Europe, Middle East, English Speaking Africa, Israel)
 - EPSON SC-P9570 (USA, Canada, Central & South America)
 - EPSON SC-P9560 (Australia, New Zealand)
 - EPSON SC-P9540 (Korea)
 - EPSON SC-P9530 (Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam, Pakistan, Taiwan, Myanmar, Cambodia, India, Bangladesh, SriLanka, Nepal, Republic of Maldives)
 - EPSON SC-P9580 (China, Hong-Kong)
 - EPSON SC-P9550 (Japan)

Specification Summary

Item	SC-P95x0/75x0
Printer Width	24 / 44 inches
Ink Set	EPSON ULTRACHROME HCD2 INK K3 set: MK/PK/GY/LGY/C/LC/VM/VLM/Y/GR/OR/V
Black Overcoating	Optical density improved with black overcoating in RGB color mode (not available in CMYK color mode)
Paper Source	Roll paper feeder (spindle less, 2 and 3in. core) Cut sheet loader (automatic loaded, sheet by sheet)
Media type	Roll paper, Cut sheet, Board paper
Media Size	Paper width(44in. model) : 254 - 1118mm Paper width(24in. model) : 254 - 610mm Max. roll paper diameter : 103mm (2in. core), 150mm (3in. core) Paper thickness : 0.08 - 0.5mm(Roll paper)
I/F	USB 2.0 10Base-T/100Base-T/1000Base-T
HDD unit	Optional equipment
Cutting	Automatic rotary cutter
SpectroProofer	Available ILS30EP

Color Mode

- CMYK
- RGB

Ink Configuration

- EPSON Ultrachrome PRO 12

Supported New ControlStrips

- Fogra MediaWedge V3.0 XE 3Z (EPSON Px5x SpectroProofer ILS30).tif
- Fogra MediaWedge V3.0 XE 2Z (EPSON Px5x SpectroProofer ILS30).tif
- Fogra MediaWedge V3.0 XE 1Z (EPSON Px5x SpectroProofer ILS30).tif
- JapanColor 54ControlStrip_EPSON_Px5x_ILS30EP_2lines.tif
- JapanColor 54ControlStrip_EPSON_Px5x_ILS30EP_1line.tif
- IDEAlliance ISO 12647-7 Control Wedge 2013 (EPSON Px5x ILS30EP 3rows).tif
- IDEAlliance ISO 12647-7 Control Wedge 2013 (EPSON Px5x ILS30EP 2rows).tif

Supported Options (Valid for all printers of this supplement)

- Print direction
 - Uni-directional
 - Bi-directional
- Media suction
 - Use printer default
 - -1
 - -2
 - -3
 - -4
- Printer dryer
 - 0..100 Minutes
- Auto cut
 - Autocut On
 - Autocut Off
 - Print horizontal line
- Borderless
 - On
 - Off
- Black Overcoating
 - When using the RGB color mode
 - Media type must be prepared for black overcoating (see table)

If the driver is in CMYK or the media type is not prepared for black overcoating, the overcoating will not take effect. A warning message is shown ("MediaType does not support Overcoating"), if driver is in correct color mode, but media does not support Overcoating

- Measurement settings for verification (ILS30)
 - M0 - UV included
 - M1 - D50 UV included
 - M2 – UV cut
- Paper Edge Quality
 - Standard – Best speed and media use
 - Add top margin – Improves print quality at top of image
 - Optimize media edge print quality – Uses only one print head for highest quality
- Ink density adjustment (Fiery XF 7.3.3)
 - Range is -80% .. +50% => factor 0.2 .. 1.5 (20%..150%)
 - Default value is 0% (no adjustment)
 - Set this value in Server Manager before you start Color Tools to create a calibration – in this case the value will be embedded in the new EPL file which you create.
 - Each time you choose a calibration in Server Manager or Job Editor, the adjustment value will be set from the calibration's EPL. Older EPL files will set the value to 0%.
 - EPLs created with active adjustment (other than 0%) will print with wrong colors if used in older versions of Fiery XF.

Supported Resolutions and PrintModes

Media type	Black ink	1200 dpi	Printer resolution	Print Quality	RGB Ovr
Premium Luster Photo Paper (260)	Photo	No	600x600 dpi	Normal Quality	off
Premium Glossy Photo Paper (250)					on
Premium Semigloss Photo Paper (250)		Yes	1200x1200 dpi	Normal Quality	on
Premium Semimatte Photo Paper (260)					on
Premium Glossy Photo Paper (170)			2400x1200 dpi	High Quality	on
Premium Semigloss Photo Paper (170)					
Premium Glossy Photo Paper					
Premium Semigloss Photo Paper					
Premium Luster Photo Paper					
Photo Paper Gloss 250					
RC Proof Paper-1					
RC Proof Paper-2					
RC Thin Proof Paper-3					
Baryta	Photo	Yes	1200x1200 dpi	Normal Quality	on
					on
			2400x1200 dpi	High Quality	on
Epson Proofing Paper White Semimatte	Photo	No	600x600 dpi	Normal Quality	off
Epson Proofing Paper Commercial					off
		Yes	1200x1200 dpi	Normal Quality	off
					off
		2400x1200 dpi	High Quality	off	
Velvet Fine Art Paper (Matte black)	Matte Photo	Yes	1200x1200 dpi	Normal Quality	off
Watercolor Paper - Radiant White (Matte black)			2400x1200 dpi		
Backlight Film Roll (Matte Black)					
Backlight Film Roll (Photo Black)					
Backlight Film Roll HighDensity					
UltraSmooth Fine Art Paper	Matte	Yes	1200x1200 dpi	Normal Quality	off
Fine Art Matte					off
Washi Thin			2400x1200 dpi	High Quality	off
Washi					
Doubleweight Matte Paper	Matte	No	300x600 dpi	Normal Quality	off
Singleweight Matte Paper			600x600 dpi		off
			1200x1200 dpi		off

Media type	Black ink	1200 dpi	Printer resolution	Print Quality	RGB Ovr
Photo Quality Ink Jet Paper	Matte	No	300x600 dpi	Normal	off
			600x600 dpi	Quality	off
		Yes	1200x1200 dpi	Normal	off
Enhanced Matte Paper	Matte	No	300x600 dpi	Normal	off
			600x600 dpi	Normal	off
		Yes	1200x1200 dpi	Normal	off
			2400x1200 dpi	High Quality	off
Archival Matte Paper Enhanced Matte Poster Board	Matte	No	600x600 dpi	Normal	off
			Quality	off	
		Yes	1200x1200 dpi	Normal	off
2400x1200 dpi	High Quality		off		
Canvas Satin (Photo black) Canvas Matte (Matte black)	Photo Matte	No	600x600 dpi	Normal	off
				Quality	off
		Yes	1200x1200 dpi	Normal	off
Plain Paper Plain Paper (Thick) Plain Paper (Thin)	Matte	No	300x300 dpi	Speed	off
				Normal	off
			300x600 dpi	Normal	off
				600x600 dpi	Quality
Enhanced Synthetic Paper Enhanced Adhesive Synthetic Paper Enhanced Low Adhesive Synthetic Paper	Matte	No	300x600 dpi	Normal	off
			600x600 dpi	Normal	off
			Quality	off	

There are three resolutions involved in the process:

Fiery XF	Printer	Comment
RIP resolution	-	Resolution of data sent to the XF printer driver
Printer resolution	Input resolution	Resolution of data sent to the EPSON SDK. This is the resolution you select in Color Tools
Print Mode	Printer resolution	Resolution of halftone data sent to the printer

RGB Ovr means RGB Overcoat

1200 dpi for many media and **Proofing** only available with Proofing Mode update