Blue Sky Digital BSEP BSUV

BlueSky BSEP 5408 is a proof / photo printer using water-based ink.

BlueSky BSUV 1115 is a production printer using UV ink.

This document provides information on how to drive the printers from Fiery XF.

Installation requirement:

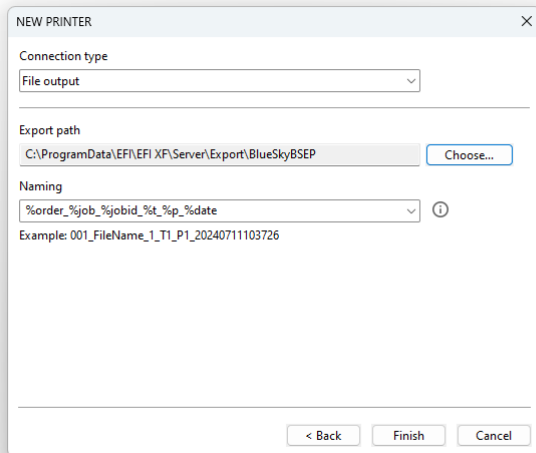- Fiery XF 8.0.4
- Fiery Command WorkStation 7.1.0.621 or higher

License

The Blue Sky Digital printers are supported by the following licenses:

Printer model	License
BlueSky BSEP 5408	Printer Option Group 4
BlueSky BSUV 1115	Printer Option Group 6

Setting up the printer in Fiery XF

Set up the export path in Server Manager to generate a *.prn file which you can load into the Blue Sky Printer software.
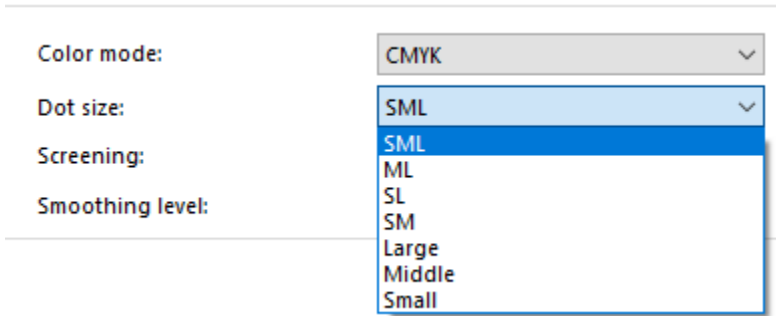

Settings

Resolutions

360*600, 360*1200, 360*1800,

600*600, 600*1200,

720*600, 720*900, 720*1200, 720*1800, 720*2400

Print modes

2 pass, 3 pass, 4 pass, 6 pass, 8 pass,

12 pass, 16 pass, 18 pass, 24 pass, 32 pass, 36 pass

Dot sizes

S, M, L stands for Small, Middle, Large dot.

Dot Size	Purpose
SML	Lowest resolution or high ink medium
ML	Higher head distance
SL	Anti-banding measure
SM	Middle resolution
Large	Highest head distance
Middle	Higher head distance, middle resolution
Small	High resolution

Color Modes

The driver offers CMYK, CMYKcmOG. Advanced Linearization is used.

White Ink and Clear Ink

These settings are available for the UV printer.

Print mode lets you select how the spot color is generated. The default takes it from a separation of a separated job. You can also generate the spot color by a choice of algorithms.

White/Clear ink coverage sets the amount or factor of the color (depending on **Print mode** setting).

Spread and choke increases or decreases the image.

Spot color settings of a separated job:

Spot color library

BountyWhiteInk.cxf	∨

Spot color priority

CMYK ∨	⇒	L*a*b* ∨	⇒	Internal ∨	⇒	Source ... ∨

Spot color handling

Automatic (default)	∨

Available spot colors on this job

		Name	Source		Map to			
✓		Cyan	CMYK		100	0	0	0
✓		Magenta	CMYK		0	100	0	0
✓		Yellow	CMYK		0	0	100	0
✓		Black	CMYK		0	0	0	100
✓		Wei;	PRINTER		WHITE_INK			
✓		PANTONE 478	PANTONE		PANTONE 478 C			
✓		PANTONE 465	PANTONE		PANTONE 465 C			
✓		PANTONE 334	PANTONE		PANTONE 334 C			
☐		PANTONE 293	InkJet		100	70	0	0

[▲] [▼]　　　　　　　　　[Edit In Color Editor...]

In this Job Editor example, the job contains a separation "Weiß" (German for White) which is assigned directly to the printer-specific spot color "WHITE_INK", bypassing color management. Together with the Print mode setting "Spot color WHITE_INK", the separation "Weiß" is printed with the white ink of the printer.

Another case of bypassing color management for a certain separation is the Source "InkJet". If you want to print a "Barcode" separation with printer black only, Source "InkJet", Map to "0 0 0 100" is what you need.

With Color Editor you can manage such settings and store them in a Spot color library.