



X-Roland JH series

X-Roland JH series are proof and small production printers using UV inks.

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

Installation requirement:

- Fiery XF 8.0.5
- Fiery Command WorkStation 7.1.0.157 or higher

License

The X-Roland JH series printers are supported by the following licenses:

Printer model	License
X-Roland JH 1290F	Printer Option Group 6
X-Roland JH 1301F	Printer Option Group 4
X-Roland JH 1302F	Printer Option Group 4
X-Roland 1304F	Printer Option Group 4

Supported printers

Model	Driver	dpi	Spot colors	Color modes
JH 1290F	X-Roland JH 1290F 300dpi	300	-	CMYKcmkk
	X-Roland JH 1290F 300dpi WV		White Varnish	CMYKcmkk
	X-Roland JH 1290F 300dpi WVVV		White 3*Varnish	CMYKcmkk
	X-Roland JH 1290F 300dpi White		White	CMYKcmkk
	X-Roland JH 1290F 600dpi	600	-	CMYK, CMYKcmkk
	X-Roland JH 1290F 600dpi WV		White Varnish	CMYK
	X-Roland JH 1290F 600dpi WVVV		White 3*Varnish	CMYK
	X-Roland JH 1290F 600dpi White		White	CMYK
JH 1301F	X-Roland JH 1301F 300dpi	300	-	CMYKcmkk
	X-Roland JH 1301F 300dpi CMYKOcmk		-	CMYKcmkO
	X-Roland JH 1301F 300dpi CMYKRcmk		-	CMYKcmkR
	X-Roland JH 1301F 600dpi	600	-	CMYK
JH 1302F	X-Roland JH 1302F 300dpi	300	-	CMYKcmk, CMYKcmkk
	X-Roland JH 1302F 300dpi CMYKOcmkW		White	CMYKcmkO
	X-Roland JH 1302F 300dpi CMYKRcmkW		White	CMYKcmkR
	X-Roland JH 1302F 300dpi White		White	CMYKcmk, CMYKcmkk
	X-Roland JH 1302F 600dpi	600	-	CMYK, CMYKcmkk
	X-Roland JH 1302F 600dpi CMYKOcmk		-	CMYKcmkO
	X-Roland JH 1302F 600dpi CMYKRcmk		-	CMYKcmkR
	X-Roland JH 1302F 600dpi White		White	CMYK
JH 1304F	X-Roland JH 1304F 300dpi	300	-	CMYKcmkk
	X-Roland JH 1304F 300dpi WV		White Varnish	CMYKcmkk
	X-Roland JH 1304F 300dpi WVVV		White 3*Varnish	CMYKcmkk
	X-Roland JH 1304F 300dpi White		White	CMYKcmkk
	X-Roland JH 1304F 600dpi	600	-	CMYK, CMYKcmkk
	X-Roland JH 1304F 600dpi WV		White Varnish	CMYK
	X-Roland JH 1304F 600dpi WVVV		White 3*Varnish	CMYK
	X-Roland JH 1304F 600dpi White		White	CMYK

Setting up the printer in Fiery XF

Set up the export path in Server Manager to generate a *.prt file which you can load into the X-Roland Printer software.

NEW PRINTER

Connection type
File output

Export path
C:\ProgramData\EFI\EFI\XF\Server\Export\X-Roland Choose...

Naming
%order_%job_%jobid_%t_%p_%date ⓘ
Example: 001_FileName_1_T1_P1_20241029100247

< Back Finish Cancel

Settings

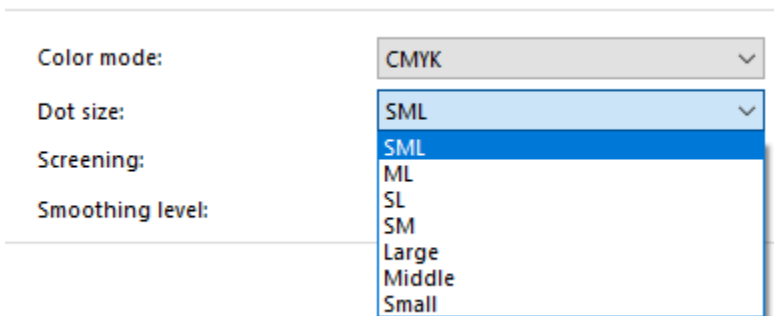
Resolutions and print modes

The set of resolutions and print modes depends on head resolution and model:

Variant	Print modes
300 dpi	720x600:4p 720x900:6p 720x1200:8p 720x1500:10p 720x1800:12p
600 dpi JH 1301F	720x1200:4p 720x1800:6p 720x2400:8p 720x3000:10p
600 dpi others	720x1200:4p 720x1800:6p 720x2400:8p 720x3000:10p 540x2400:4p 540x3600:6p 540x4800:8p

Note: If your printer driver does not match the printer's configuration, a .prt file may not print at all or print with distortion.

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 set of supported color modes depends on the driver.

Standard Linearization is used except for the Color Modes CMYKcmkO and CMYKcmkR, where 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
<input checked="" type="checkbox"/>	Cyan	CMYK	100 0 0 0
<input checked="" type="checkbox"/>	Magenta	CMYK	0 100 0 0
<input checked="" type="checkbox"/>	Yellow	CMYK	0 0 100 0
<input checked="" type="checkbox"/>	Black	CMYK	0 0 0 100
<input checked="" type="checkbox"/>	Wei;	PRINTER	WHITE_INK
<input checked="" type="checkbox"/>	PANTONE 478	PANTONE	PANTONE 478 C
<input checked="" type="checkbox"/>	PANTONE 465	PANTONE	PANTONE 465 C
<input checked="" type="checkbox"/>	PANTONE 334	PANTONE	PANTONE 334 C
<input checked="" type="checkbox"/>	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.