



VUTEk M3h X

VUTEk M3h X is a hybrid production printer using UV ink.

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

Installation requirement:

- FAST Processing Option, e.g. Fiery proServer Premium
- Fiery XF 9.0.2
- Fiery Command WorkStation 7.2

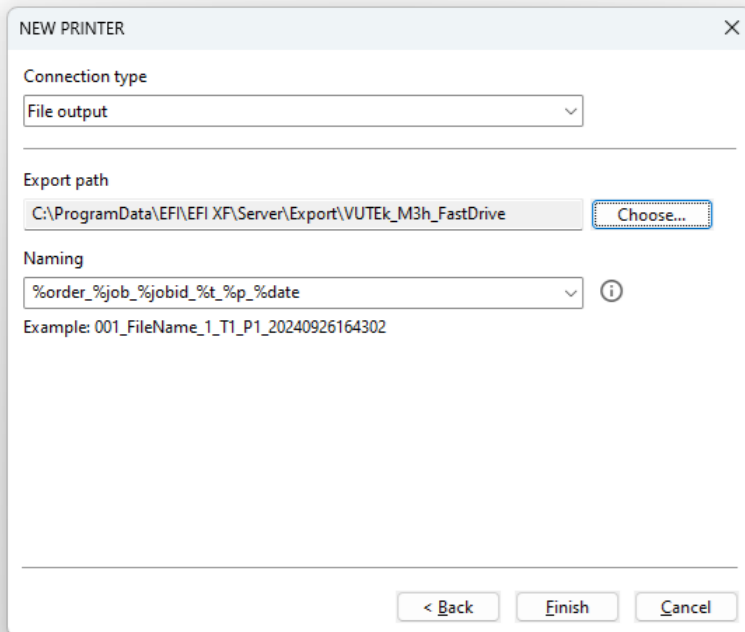
Supported printers

The following drivers exist:

Printer model	License
VUTEk M3h X [FAST DRIVE]	Printer Option EFI FAST Drive Option

Setting up the printer in Fiery XF

Set up the export path in Server Manager to generate a *.prn/*.prz file which you can load into the VUTEk M3h X Printer software.

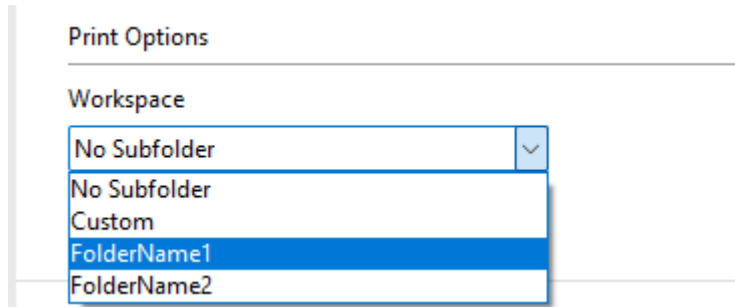


The image shows a 'NEW PRINTER' dialog box with the following fields and controls:

- Connection type:** A dropdown menu with 'File output' selected.
- Export path:** A text field containing 'C:\ProgramData\EFI\EFI\XF\Server\Export\VUTEk_M3h_FastDrive' and a 'Choose...' button.
- Naming:** A dropdown menu with '%order_%job_%jobid_%t_%p_%date' selected, an information icon (i), and an example text 'Example: 001_FileName_1_T1_P1_20240926164302'.
- Buttons:** '< Back', 'Finish', and 'Cancel' at the bottom.

Setting up Workspace folders

To better manage output files for the printer, you can create sub-folders inside the export path and redirect the output files to a selected sub-folder instead of the export path itself.



Print Options

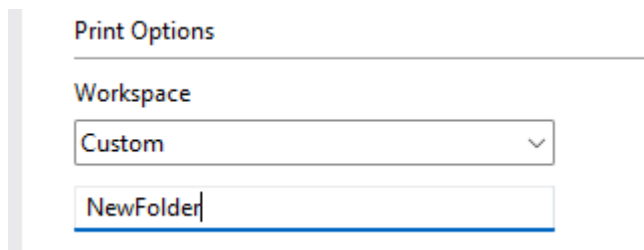
Workspace

No Subfolder
No Subfolder
Custom
FolderName1
FolderName2

This option is available in the Special Settings tab so effectively you can set up a different output folder for each Media preset (via Server Manager) or even at Job level (via Job editor).

If you select “No Subfolder”, the output files will be created in the export path itself.

A new sub-folder can be created on the fly in Server Manager or Job Editor by selecting “Custom” option. If you select “Custom”, a text field is provided where you can specify new folder name and “Save”.



Print Options

Workspace

Custom

NewFolder

Settings

Output Settings			
Resolution:	363 x 1200	Color mode:	CMYK
Print mode:	Default	Dot size:	Grayscale
Print direction:		Screening:	Grayscale
Halftoning:	Stochastic Screening (SE2)	Smoothing level:	Robust

Resolutions

363*1200, 363*1800, 363*2400, 363*3000, 363*3600

The exact horizontal resolution is 362.857 dpi.

Dot sizes

Fiery XF 9.0.2

Dot Size	Description
Grayscale	All three drops
Robust	Only large drops

Color Modes

The driver offers CMYK. Advanced Linearization is used.

White Ink and Clear Ink

Print mode lets you select how the spot color is generated. The default takes it from the 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:

In this Job Editor example, the job contains a separation “Weiß” (German for White) which is assigned directly to the

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
☒	Weiß	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...

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.