# VUTEk M3h

VUTEk M3h 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 8.0.4 (8.0.5 for White Varnish). Recommended: Fiery XF 9.0.2
- Fiery Command WorkStation 7.2

## Supported printers

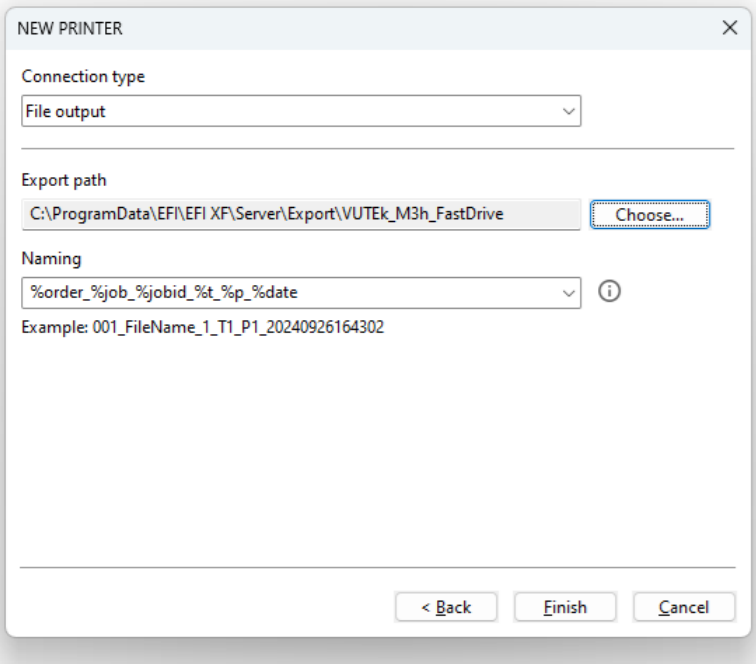
The following drivers exist:

| Printer model | License |
|---|---|
| VUTEk M3h [FAST DRIVE] | Printer Option EFI<br>FAST Drive Option |

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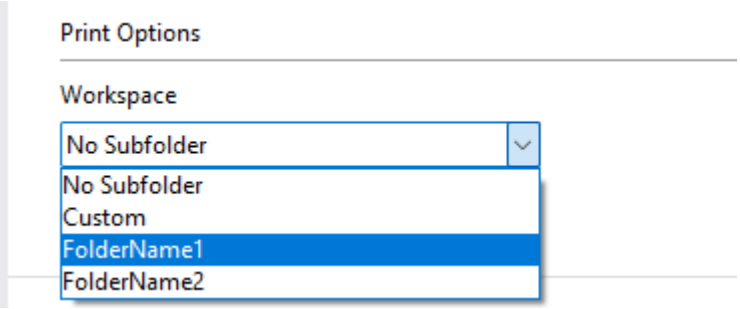
## Setting up the printer in Fiery XF

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



## Setting up Workspace folders

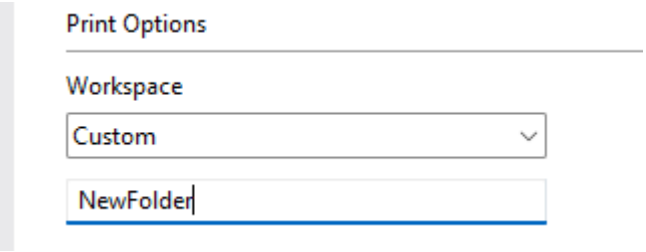
To better manage output files for the printer, you can create sub-folders inside the export path and redirect the output files to a selected sub-folder instead of the export path itself.



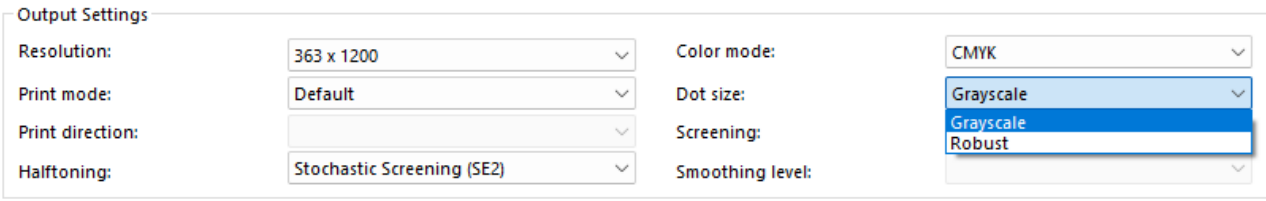

This option is available in the Special Settings tab so effectively you can set up a different output folder for each Media preset (via Server Manager) or even at Job level (via Job editor).

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".



## Settings




### Resolutions

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

~~363*600~~ is removed in Fiery XF 8.0.6 onwards.

363*3000, 363*3600 are added in Fiery XF 9.0.2 onwards.

The exact horizontal resolution is 362.857 dpi.

### Dot sizes

Fiery XF 8.0.6: ~~Superfluous Dot sizes~~ removed.

| Dot Size | Description |
|---|---|
| ~~Fixed~~ | ~~1bpp Data, not working at all~~ |
| Grayscale | All three drops |
| ~~dotLutGen6_1_MP_2bpp~~ | ~~More small drops than Grayscale~~ |
| ~~dotLutGen6_2_MP_2bpp~~ | ~~More small drops~~ |
| ~~dotLutGen6_3_MP_2bpp~~ | ~~More small drops~~ |
| ~~dotLutGen6_4_MP_2bpp~~ | ~~More small and medium drops~~ |
| ~~dotLutGen6_5_MP_2bpp~~ | ~~More small and medium drops~~ |
| ~~dotLutGen6_6_MP_2bpp~~ | ~~Few small, more medium drops~~ |
| ~~dotLutGen6_7_MP_2bpp~~ | ~~Only medium and large drops~~ |
| Robust<br>~~dotLutGen6_8_MP_2bpp~~ | Only large drops |

### Color Modes

The driver offers CMYK and CMYKO. Advanced Linearization is used.

Fiery XF 8.0.6: ~~CMYKcm and CMYKcmk~~ removed.

Fiery XF 9.0.2: CMYKO added.

White Ink and Clear Ink

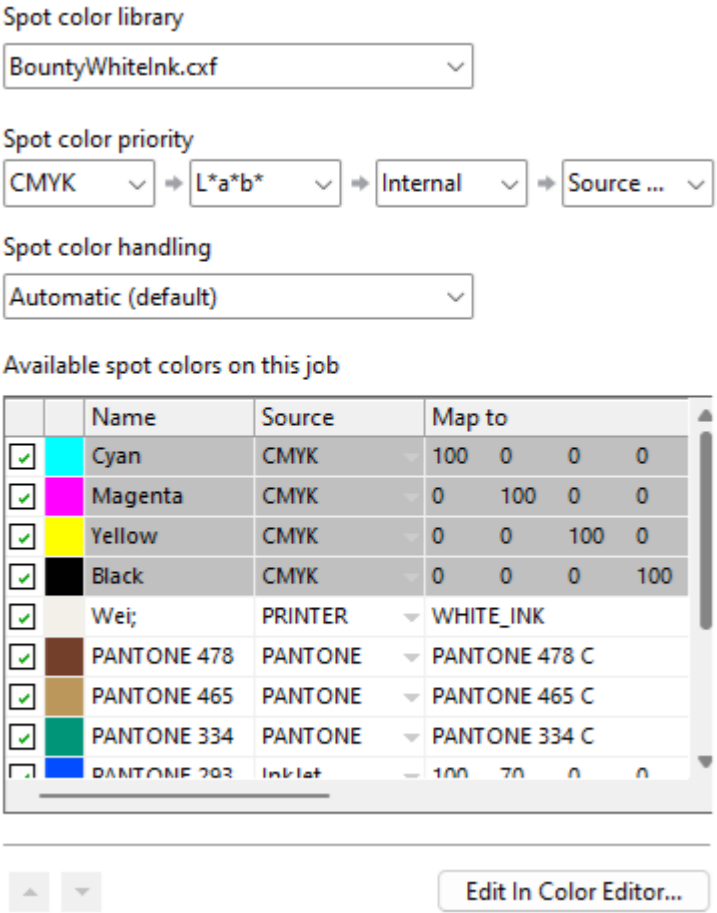
**Print mode** lets you select how the spot color is generated. The default takes it from a separation of a separated job. You can also generate the spot color by a choice of algorithms.

**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:**

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.