# 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
- Fiery Command WorkStation 7.1

## Supported printers

The following drivers exist:

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

## 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.

# Settings



## Resolutions

363*600, 363*1200, 363*1800, 363*2400

The exact horizontal resolution is 362.857 dpi.

## Dot sizes

| Dot Size | Drops | Description |
|---|---|---|
| Fixed | N.A. | 1bpp Data |
| Grayscale | S,M,L | 2bpp generic |
| dotLutGen6_1_MP_2bpp | S,M,L | More small drops than Grayscale |
| dotLutGen6_2_MP_2bpp | S,M,L | More small drops |
| dotLutGen6_3_MP_2bpp | S,M,L | More small drops |
| dotLutGen6_4_MP_2bpp | S,M,L | More small and medium drops |
| dotLutGen6_5_MP_2bpp | S,M,L | More small and medium drops |
| dotLutGen6_6_MP_2bpp | S,M,L | Few small, more medium drops |
| dotLutGen6_7_MP_2bpp | S,M,L | Only medium and large drops |
| dotLutGen6_8_MP_2bpp | S,M,L | Only large drops |

## Color Modes

The driver offers CMYK, CMYKcm and CMYKcmk. 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 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.