JETLAND Universal

JETLAND TLY series printers are label printers using UV ink.

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

The following version of Fiery XF is required:

- Fiery XF Server (v. 9.0 and higher)

Supported printers

The following drivers exist:

Printer driver	Color configuration
JETLAND Universal	CMYK
JETLAND Universal WV	CMYK + White + Varnish

They support printers with

- 350mm roll width
- JETLAND's own controller board
- EPSON S3200U1 print heads (U3 for white and varnish)

License

You require a license for Printer Option Group 6.

Installation

The drivers support file output to an export folder and print via IP network.

Settings

Color Mode

The drivers support CMYK (Advanced Linearization)

Resolutions

The vertical resolution is the head resolution. The horizontal resolution is in feed direction. Speed is basically reciprocal to resolution. Ink amount per area is proportional to resolution:
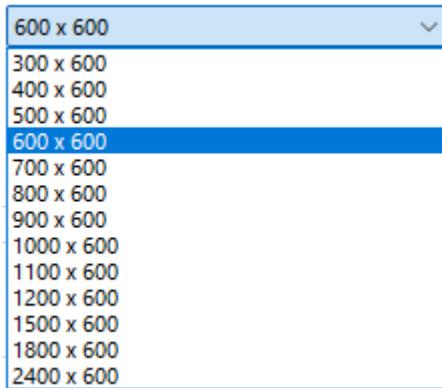
This is the Fiery XF view of a job:
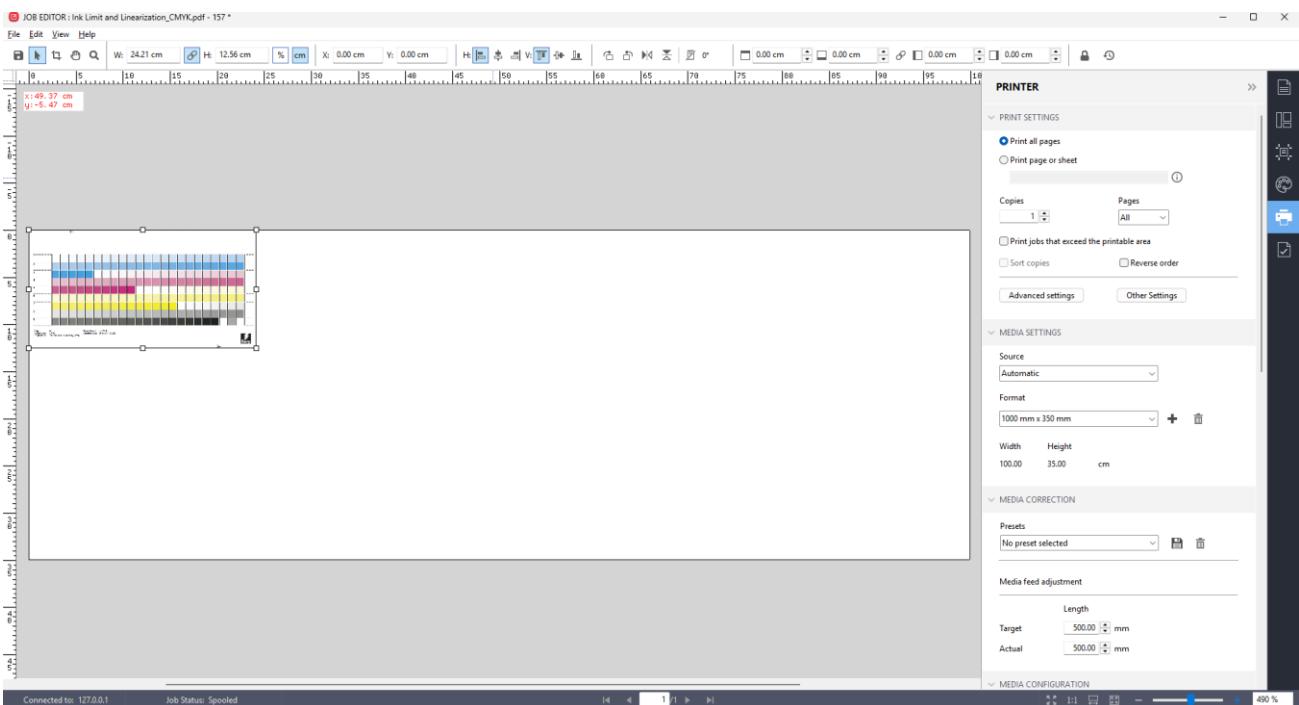
The height of a job is limited to 350mm. The width can be up to 5000mm, depending on the format.

Dot sizes

This is the choice of Dot sizes:
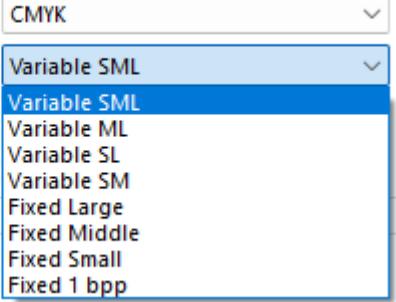
Dot Size	Comment
Variable SML	Standard
Variable ML	Middle and large dot. For more head height
Variable SL	Small and large dot
Variable SM	Small and middle dot. For higher resolution
Fixed Large	Maximum head height.
Fixed Middle	More head height and higher resolution
Fixed Small	For highest resolution
Fixed 1 bpp	Similar to fixed Middle. Data format is 1 bit per pixel.

White Ink and Clear Ink

These settings are available in the JETLAND Universal WV driver:

White ink printing

Print mode

Spot color WHITE_INK

White ink coverage: 100 %

Spread and choke 0.00 mm

Clear ink printing

Print mode

Spot color CLEAR_INK

Clear ink coverage 100 %

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.