ChengHe i Press series

ChengHe i Press S, i Press X and their Plus variants are proof / photo printers using water-based ink.

ChengHe i Press S UV and i Press X UV are production printers using UV ink.

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

The drivers are included in the following versions:

- Fiery XF 8.0.x (see table below)

Supported printers

The following drivers exist:

Printer model	Fiery XF	Roll width mm
ChengHe i Press S	8.0.2	1300
ChengHe i Press X	8.0.2	1300
ChengHe i Press S UV	8.0.3	1300
ChengHe i Press X UV	8.0.3	1300
ChengHe i Press S Plus	8.0.5	1800
ChengHe i Press X Plus	8.0.5	1800

License

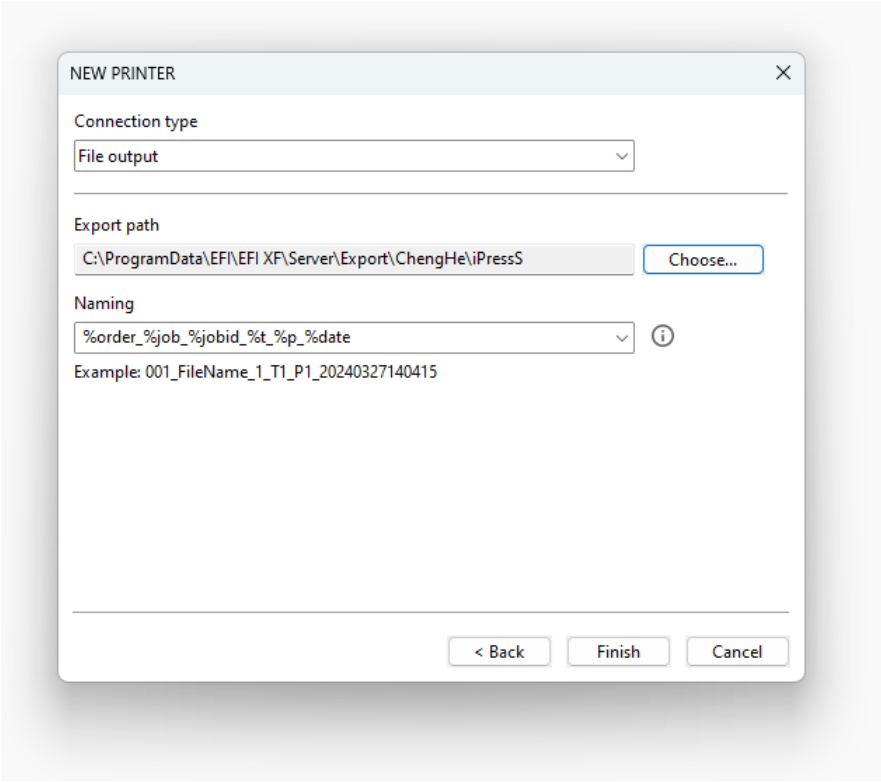
Following license is required to run a ChengHe printer with Fiery XF:

- a Printer Option Group 6 license is needed for i Press X UV.
- a Printer Option Group 4 license is needed for all other models.

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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 ChengHe Printer software.



Settings

Resolutions

The driver offers 720x1200, 720x1800, 720x2400, 720x3600.

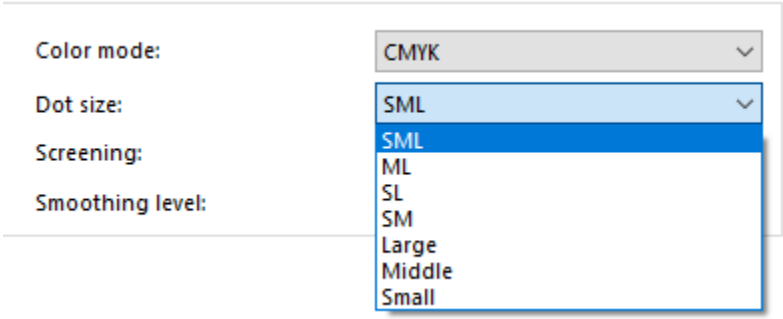
For the UV models the driver offers 720x720, 720x1200, 720x1800, 720x2400.

Print modes

The driver offers 2,3,4,6,8,12,16,18,24,32,36 pass print modes.

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

Water based models: The driver offers CMYK, CMYKcmkk, CMYKOGcm. Standard Linearization is used.

UV based models: The driver offers CMYK, CMYKcmOG. Advanced Linearization is used.

White Ink and Clear Ink

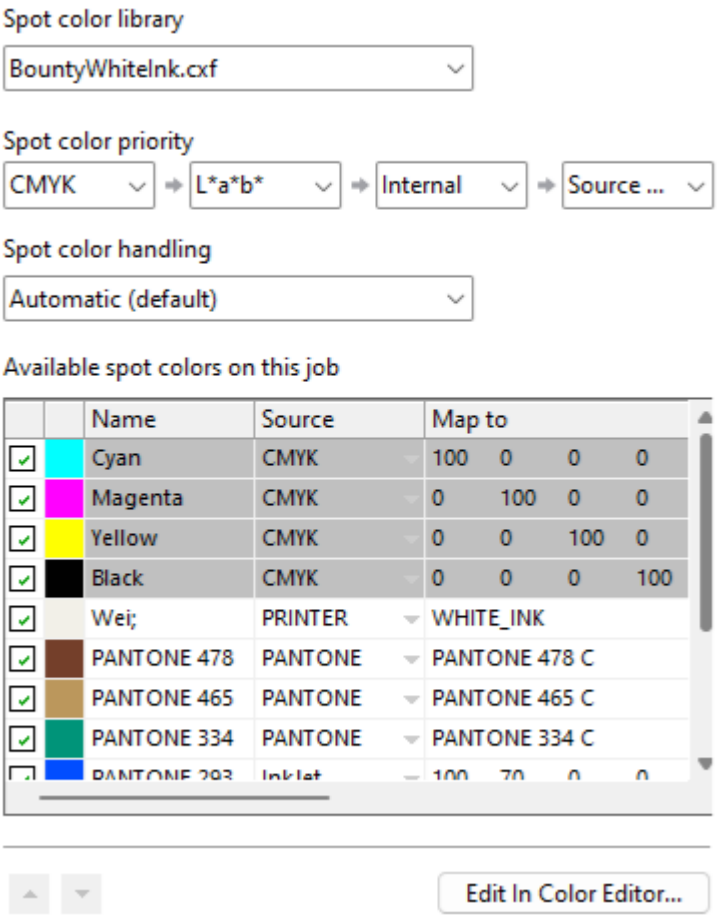
These settings are available for the UV printers.

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.