Agfa Jeti Condor RTR5200

This document describes the specifics of the Agfa Jeti Condor RTR5200 printer drivers in Fiery XF.

Fiery XF supports drivers for the following printer models:

- Agfa Jeti Condor RTR5200 HS
- Agfa Jeti Condor RTR5200 S
- Agfa Jeti Condor RTR5200 S 2W

Each printer model supports four/eight colors using CMYK

Agfa Jeti Condor RTR5200 HS - supports additionally white and/or clear.

Agfa Jeti Condor RTR5200 S - supports optional White.

Agfa Jeti Condor RTR5200 S 2W - supports dual White.

Installation

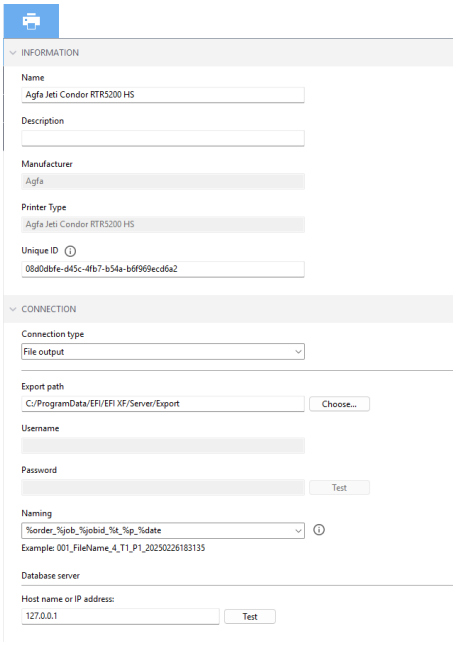
Install Fiery XF 8.0.5 or later. The Fiery XF drivers are available only for the Windows server.

Printer driver

Configuration

The Agfa Jeti Condor RTR5200 printer driver is a file output device. The output files are created in the configured Export folder. The Export folder may be a local folder on the machine or a network shared folder on a remote machine.

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Connecting to a shared folder on the network

To connect to a remote shared folder using the UNC (Universal Naming Convention) you must enter your user credentials (username and password). You also require write permissions to the remote folder. If necessary, you can add a domain to the username, using the format <domain>\<username>. The password may be optional for user accounts that do not require it on the remote machine. You can verify the connection to the remote folder by clicking the Test button.

The printer FE (Front End) machine may have a shared network folder that you can specify in Fiery XF for direct output.

Database server

A SQL database is used for connection to MIS systems. This is not required for most printer installations.

Connecting to a local folder

Specifying a local folder can be done manually through an LFS (Local File System) path or by browsing to the location using the Choose button. You do not need to enter your user credentials to connect to a local folder.

Output

The Agfa Jeti Condor RTR5200 printer driver generates separated one-bit TIFF files. Each printed job creates its own subfolder based on the chosen naming format: <job-name>.**mjob**. The following output files are created:

File type	Name template
One-bit TIFF separations	< job-name >▲**C**.tif < job-name >▲**M**.tif < job-name >▲**Y**.tif < job-name >▲**K**.tif Additional light ink files for 8 separation modes: < job-name >▲**LC**.tif < job-name >▲**LM**.tif < job-name >▲**LY**.tif

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File type	Name template
	< job-name >▲**LK**.tif Additional special inks files (White/Clear): < job-name >▲**W**.tif < job-name >▲**V**.tif
Preview image	< job-name >▲**PRV**.bmp
Job ticket	< job-name >.xml

▲ = Space character

The job ticket xml contains job-specific information for the printer, including the printer mode to be used and layout options.

Special printer settings

Print modes

You can override the resolution, print mode and smoothing level saved to the selected media profile by using the print mode options on the Special Printer Settings pane:

Figure 1: Server Manager

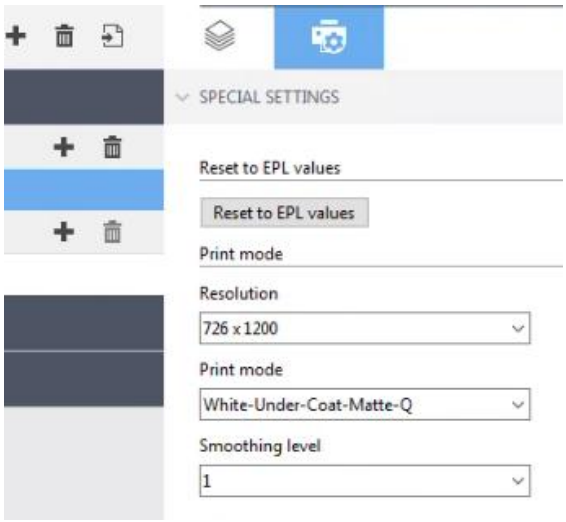
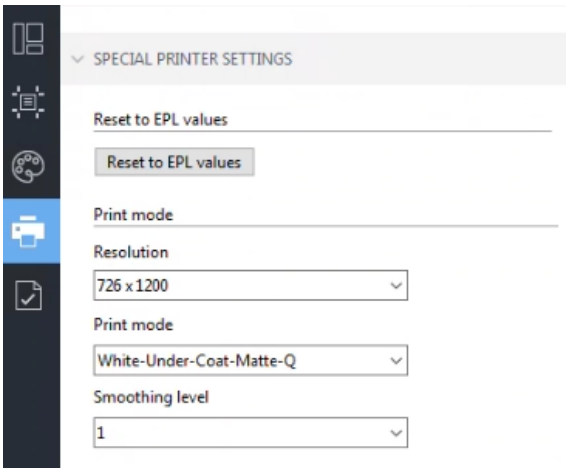


Figure 2: Job Editor



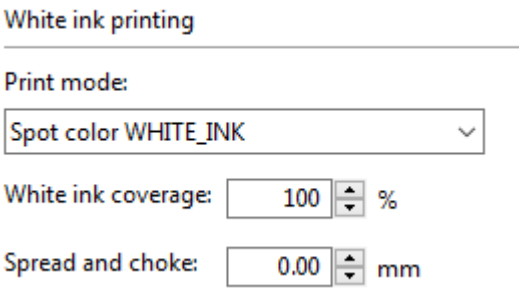
Only resolutions and print modes which are compatible with the color mode of the media profile are available for selection. Similarly, only Smoothing Levels available for the selected Print Mode will be available for selection. For example, if the media profile was created for CMYK, only the resolutions and print modes applicable for this color mode are displayed. The Halftone mode should always be set to “Use halftoning from EPL”.

Clicking “Reset to EPL values” button will reset the resolution, print mode and smoothing level to the values saved in the media profile.

White Ink

The Agfa Jeti Condor RTR5200 printer models support White ink. However, be aware that the White ink is optional, depending on the configuration of the physical device.

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You can generate White ink either by mapping a spot color (if one exists in the input job) or by using one of the available options: Bounding Box (Flood), Inked Image or Inked Image Inverse. Details of creating white calibration is available in the Advanced Calibration Guide.

Important: Not all print modes create White ink TIFF separations, even if the White ink option is set up in Fiery XF to generate it either from a spot color or another option. This is because only the White print modes accept these separations on the printer FE side.

For example: If you use the **4C-2Pass-Q** print mode, no white separation will be created, because it is a non-white print mode. However, if you switch to the **4C-WO-Q** print mode, a white separated TIFF will be produced in the job folder.

The following options are available under Print Mode for white ink

Option	Description
Spot color WHITE_INK	The spot color of this name or alias from a separated document prints white ink
Bounding Box	Every pixel in the image rectangle adds white ink. This is recommended more during linearization and profile creation.
Fixed ink amount on printed areas	Every pixel which does not have CMYK = 0,0,0,0 on the printer side adds white ink.
Fixed ink amount on printed areas (inverted)	Similar to the above but inverted
Dynamic ink amount on printed areas	Additional white ink is applied to light areas. White ink is reduced in darker areas to save white ink.
Dynamic ink amount on printed areas (inverted)	Similar to the above but inverted
Off	Blank separation will be generated

White Ink Coverage options only apply to Fixed ink amount on printed areas, Fixed ink amount on printed areas (inverted) and White BOUNDING BOX print modes. These options change the overall coverage of white for these modes.

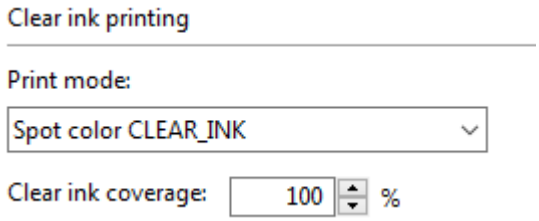
Spread: Expands the size of the White Ink area. It can be used to have a white frame printed around an image. Is obtained by entering a positive value.

Choke: Decreases the size of the White Ink area. Mostly used to avoid white ink bleeding from under the CMYK part of file, to compensate for eventual hardware misalignment.

Clear\Varnish\Coat Ink

The Agfa Jeti Condor RTR5200 HS printer model supports Clear ink. However, be aware that the Clear ink is optional, depending on the configuration of the physical device.

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You can generate Clear ink either by mapping a spot color (if one exists in the input job) or by using one of the available options: Bounding Box (Flood), Inked Image or Inked Image Inverse.

Important: Not all print modes create Clear ink TIFF separations, even if the Clear ink option is set up in Fiery XF to generate it either from a spot color or another option. This is because only the Clear print modes accept these separations on the Agfa Jeti Condor RTR5200 HS FE side.

For example: If you use the **4C-2Pass-Q** print mode, no clear separation will be created, because it is a non-clear print mode. However, if you switch to the **4C-Coat-Matte-Q** print mode, a clear separated TIFF will be produced in the job folder.

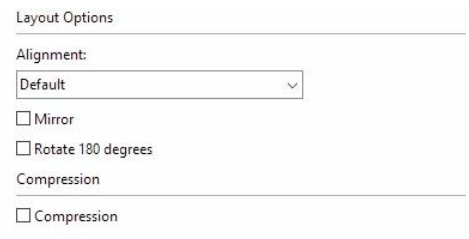
The following options are available under Print Mode for clear ink

Option	Description
Spot color CLEAR_INK	The spot color of this name or alias from a separated document prints clear ink
Bounding Box	Every pixel in the image rectangle adds clear ink. This is recommended more during linearization and profile creation.
Fixed ink amount on printed areas	Every pixel which does not have CMYK = 0,0,0,0 on the printer side adds clear ink.
Fixed ink amount on printed areas (inverted)	Similar to the above but inverted
Dynamic ink amount on printed areas	Additional clear ink is applied to light areas. Clear ink is reduced in darker areas to save ink.
Dynamic ink amount on printed areas (inverted)	Similar to the above but inverted
Off	Blank separation will be generated

Clear Ink Coverage options only apply to Fixed ink amount on printed areas, Fixed ink amount on printed areas (inverted) and BOUNDING BOX print modes. These options change the overall coverage of clear for these modes.

Layout options

The following layout options are available in Fiery XF:



Setting	Description
Alignment	Aligns the job horizontally on the media
Mirror	Mirrors the job horizontally

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Setting	Description
Rotate 180°	Rotates the job by 180 degrees
Compression	This is enabled by default and supports compression of data send to printer

These options are set inside the job ticket xml of the job and are reflected on the printer FE user interface. If you change the setting on the printer FE user interface, it overrides the equivalent setting from the job ticket xml.

Note: The layout options provided on the Special Printer Settings pane are different from the generic ones available on the Layout pane of the Fiery XF client, and their behavior is different. While the generic layout options are performed by the RIP, the settings on the Special Printer Settings pane are applied by the printer at the time of printing.

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Print Modes

The following print modes are available in Fiery XF 8.0.5 onwards. Additional custom print modes may be available. Contact inkjet support to inquire about additional print modes. For details on the different print modes and how to process and print using them see the printer operations manual.

A variety of print modes are available that do not print white. Most of these are 4-color print modes with differing number of passes. Additionally, some print modes will print higher resolution (HR) in the X-direction or will print double-strike (DS). Print quality generally increases with more passes but print speed is reduced.

Note: Each model has a separate table of print modes listed below. Please refer to the correct table.

Print modes available in **Agfa Jeti Condor RTR5200 HS** :

Print Mode Name	X-Res	Y-res	Drop size pl	Prints White ink?	Prints Clear Ink?	Smooth-ing Levels	Com-ments
4C-1Pass-Q	318	600	14	No	No		
4C-1Pass-8S-Q	318	600	7	No	No		
4C-2Pass-Q	726	1200	7	No	No		
4C-3Pass-Q	726	1200	7	No	No		
4C-4Pass-Q	726	1200	7	No	No		
4C-5Pass-Q	726	1200	7	No	No		
4C-6Pass-Q	726	1200	7	No	No		
4C-Backlit-Q	726	1200	7	No	No	3	
4C-WO-Q	726	1200	7	Yes	No		
4C-CWC-Q	726	1200	7	Yes	No		
4C-CWC-C1-Q	726	1200	7	Yes	No		
4C-CWC-C2-Q	726	1200	7	Yes	No		
4C-CWBWC-C1-Q	726	1200	7	Yes	No		
4C-CWBWC-C2-Q	726	1200	7	Yes	No		
White-Under-Q	726	1200	7	Yes	No	3	
CWC-B-Q	726	1200	7	Yes	No	3	
CWC-B-C1-Q	726	1200	7	Yes	No	3	
CWC-B-C2-Q	726	1200	7	Yes	No	3	
White-Only-Q	726	1200	7	Yes	No	3	
4C-WWU-Q	726	1200	7	Yes	No	2	
4C-WWO-Q	726	1200	7	Yes	No		
4C-CWWC-C1-Q	726	1200	7	Yes	No		
4C-CWWC-C2-Q	726	1200	7	Yes	No		
White-Only-DS-Q	726	1200	7	Yes	No		
4C-WU-Coat-Gloss-Q	726	1200	7	Yes	Yes		
4C-Coat-Gloss-Q	726	1200	7	No	Yes		
4C-Coat-Matte-Q	726	1200	7	No	Yes		
White-Under-Coat-Matte-Q	726	1200	7	Yes	Yes	2	
WW-Coat-Gloss-Q	726	1200	7	Yes	Yes		
7C-8Pass-Q	726	1200	7	No	No		
7C-6Pass-Q	726	1200	7	No	No		

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7C-12Pass-Q	726	1200	7	No	No		
7C-Backlit-Q	726	1200	7	No	No	3	
7C-WO-Q	726	1200	7	Yes	No		
7C-White-Under-Q	726	1200	7	Yes	No		
7C-CWC-Q	726	1200	7	Yes	No		
7C-CWBWC-C1-Q	726	1200	7	Yes	No		
7C-CWBWC-C2-Q	726	1200	7	Yes	No		
7C-CWC-C1-Q	726	1200	7	Yes	No		
7C-CWC-C2-Q	726	1200	7	Yes	No		
7C-CWC-B-Q	726	1200	7	Yes	No		
7C-CWC-B-C1-Q	726	1200	7	Yes	No	2	
7C-CWC-B-C2-Q	726	1200	7	Yes	No	2	
7C-WU-Coat-Gloss-Q	726	1200	7	Yes	Yes		
7C-White-Under-Coat-Matte-Q	726	1200	7	Yes	Yes		
7C-Coat-Matte-Q	726	1200	7	No	Yes		
7C-Coat-Gloss-Q	726	1200	7	No	Yes		
White-Only-Fine-Q	726	1200	7	Yes	No		
4C-CWC-C1-DS-Q	726	1200	7	Yes	No		
4C-CWC-C2-DS-Q	726	1200	7	Yes	No		
4C-CWC-DS-Q	726	1200	7	Yes	No		
4C-8Pass-8S-Q	726	600	7	No	No		
4C-CWC-B-Coat-Gloss-C1-Q	726	1200	7	Yes	Yes		
4C-CWC-B-Coat-Gloss-C2-Q	726	1200	7	Yes	Yes		
4C-CWC-B-Coat-Matte-C1-Q	726	1200	7	Yes	Yes		
4C-CWC-B-Coat-Matte-C2-Q	726	1200	7	Yes	Yes		
4C-11Pass-Q	726	1200	7	No	No		
4C-WWU-Coat-Gloss-Q	726	1200	7	Yes	Yes		
4C-CCWWCC-B-C1-X	726	1200	7	Yes	Yes		
4C-CCWWCC-B-C2-X	726	1200	7	Yes	Yes		
7C-4Pass-Q	726	600	7	Yes	Yes		

Print modes available in **Agfa Jeti Condor RTR5200 S** :

Print Mode Name	X-Res	Y-res	Drop size, pl	Prints White?
4C-1Pass	318	600	14	No
4C-2Pass-4N	726	1200	7	No
4C-2Pass-N	726	1200	7	No
4C-3Pass-4N	726	1200	7	No
4C-3Pass-N	726	1200	7	No
4C-4Pass-N	726	1200	7	No
4C-5Pass-N	726	1200	7	No
4C-6Pass-N	726	1200	7	No
4C-12Pass-N	726	1200	7	No

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4C-16Pass-DS-N	726	1200	7	No
4C-WO-N	726	1200	7	Yes
4C-WU-N	726	1200	7	Yes
4C-WU-Production	726	1200	7	Yes
4C-W-N	726	1200	7	Yes
4C-CWC-N	726	1200	7	Yes
4C-CWC-B-Production	726	1200	7	Yes
4C-CWC-B-C1-Production	726	1200	7	Yes
4C-CWC-B-C2-Production	726	1200	7	Yes
7C-8Pass-N	726	1200	7	No
7C-12Pass-N	726	1200	7	No
7C-12Pass-HR-N	847	1200	7	No
7C-WO-N	726	1200	7	Yes
7C-WU-N	726	1200	7	Yes
7C-CWC-N	726	1200	7	Yes
7C-CWC-C1-N	726	1200	7	Yes
7C-CWC-C2-N	726	1200	7	Yes

The print modes below must be printed using the 5-Color option in the printer Front End software

4C-CWC-C1-N	726	1200	7	Yes
4C-CWC-C2-N	726	1200	7	Yes
4C-CWBWC-C1-N	726	1200	7	Yes
4C-CWBWC-C2-N	726	1200	7	Yes
7C-CWBWC-C1-N	726	1200	7	Yes
7C-CWBWC-C2-N	726	1200	7	Yes

Print modes available in **Agfa Jeti Condor RTR5200 S 2W** :

Print Mode Name	**X-Res**	**Y-res**	**Drop size, pl**	**Prints White?**
4C-1Pass	318	600	14	No
4C-2Pass-4N	726	1200	7	No
4C-2Pass-N	726	1200	7	No
4C-3Pass-4N	726	1200	7	No
4C-3Pass-N	726	1200	7	No
4C-4Pass-N	726	1200	7	No
4C-5Pass-N	726	1200	7	No
4C-6Pass-N	726	1200	7	No
4C-12Pass-N	726	1200	7	No
4C-16Pass-DS-N	726	1200	7	No
4C-WO-2W-N	726	1200	7	Yes
4C-WU-2W-N	726	1200	7	Yes
4C-WU-2W-Production	726	1200	7	Yes

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4C-W-2W-N	726	1200	7	Yes
4C-CWC-2W-N	726	1200	7	Yes
4C-CWC-2W-B-Production	726	1200	7	Yes
4C-CWC-2W-B-C1-Production	726	1200	7	Yes
4C-CWC-2W-B-C2-Production	726	1200	7	Yes
7C-8Pass-N	726	1200	7	No
7C-12Pass-N	726	1200	7	No
7C-12Pass-HR-N	847	1200	7	No
7C-WO-2W-N	726	1200	7	Yes
7C-WU-2W-N	726	1200	7	Yes
7C-CWC-2W-N	726	1200	7	Yes
7C-CWC-2W-C1-N	726	1200	7	Yes
7C-CWC-2W-C2-N	726	1200	7	Yes

The print modes below must be printed using the 5-Color option in the printer Front End software

4C-CWC-2W-C1-N	726	1200	7	Yes
4C-CWC-2W-C2-N	726	1200	7	Yes
4C-CWBWC-2W-C1-N	726	1200	7	Yes
4C-CWBWC-2W-C2-N	726	1200	7	Yes
7C-CWBWC-2W-C1-N	726	1200	7	Yes
7C-CWBWC-2W-C2-N	726	1200	7	Yes

Note

7C print modes –

- **CMYKcmk (split curves)** colormode - ColorTools generates only CMYK curves. Driver does the splitting using internal curves.
- **CMYKcmk** colormode - Color Tool generates the Light/Norm curves. Light/Norm curves are part of the EPL and driver does not use the internal curves to do the splitting. With this option, while creating the new profiles, users have more control on how the light and normal inks are applied.

Change History

Version	Date	Description	Updated by	Affected XF Versions
v1.0	27-Feb-25	First Draft	Nikhil Agarwal	Fiery XF 8.0.5

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