

DTF Fairy RIP Instruction

User Manual



This instruction provides help and reference to users who use the DTF Fairy RIP Software for the first installation.



CONTENT

I. Software installation.....	3
1. Download the installation files.....	3
II. DTF Fairy RIP software instruction	5
1. Navigation bar.....	5
2. New Job.....	7
3. Add picture.....	7
4. Channel settings.....	8
5. RIP Job:.....	12
6. RIP job list.....	16
7. Cutting function	18



I. Software installation

1. Download the installation files

Visit (https://cloud.maintop.com.cn/download/uv/professional_v1.30.zip)

Extract and install

Run DTF Fairy RIP.exe after extraction.

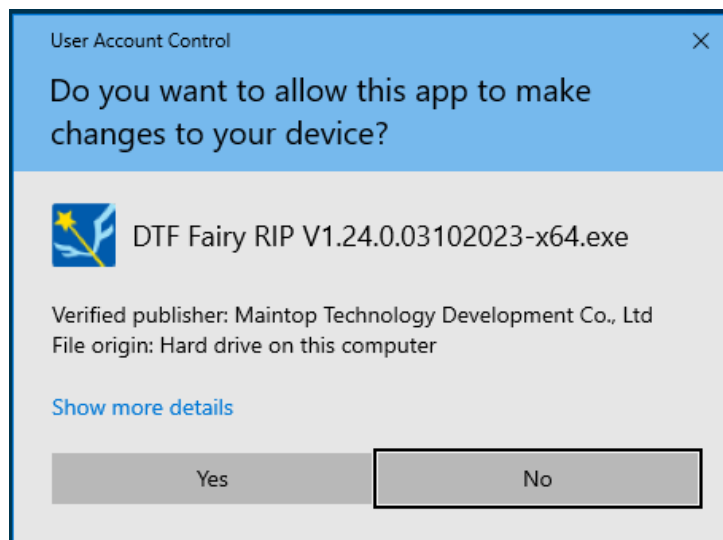


Figure 1.1

The software installation directory can be changed according to the actual requirements, as shown in Figure 1.2.

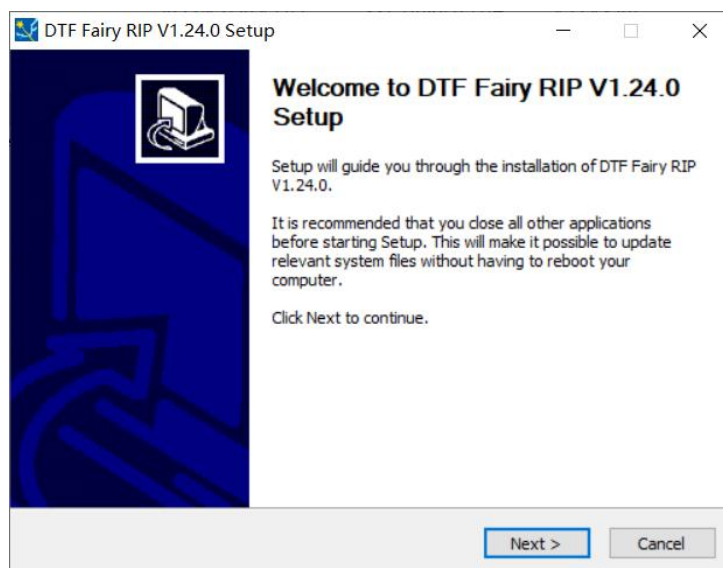


Figure 1.2



Install or repair Microsoft Visual C++ 2013 and Microsoft Visual C++ 2015

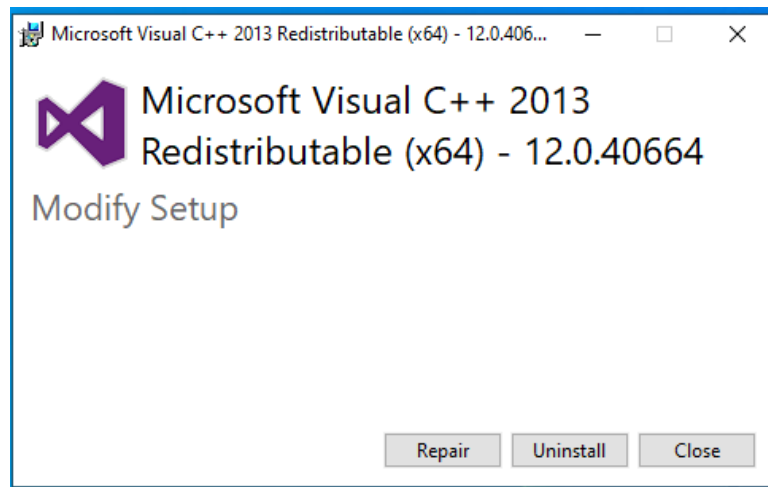


Figure 1.3

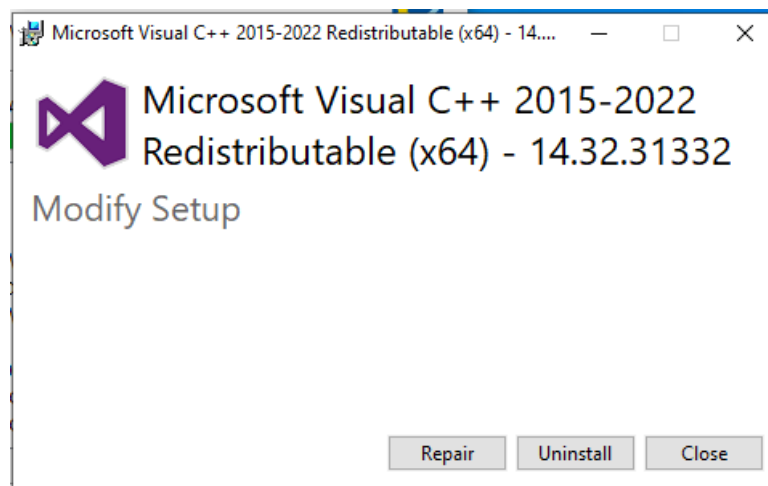


Figure 1.4

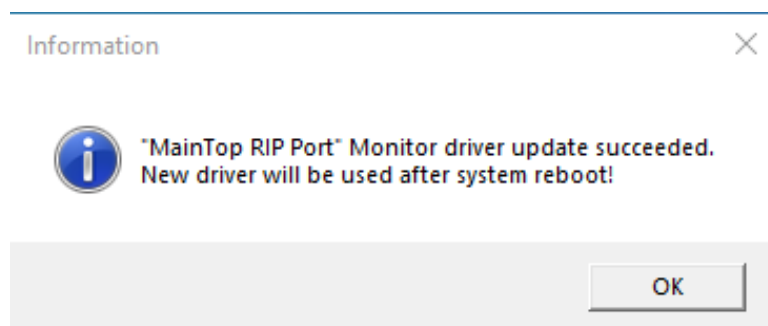


Figure 1.5



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Figure 1.6

II. DTF Fairy RIP software instruction

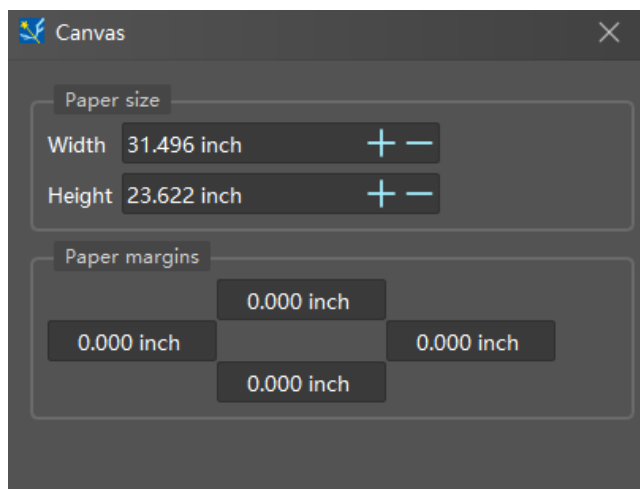
1. Navigation bar



Figure 2.1

-  : New job
-  : Load job
-  : Save job
-  : Add picture
-  : Undo
-  : Redo
-  : Auto layout

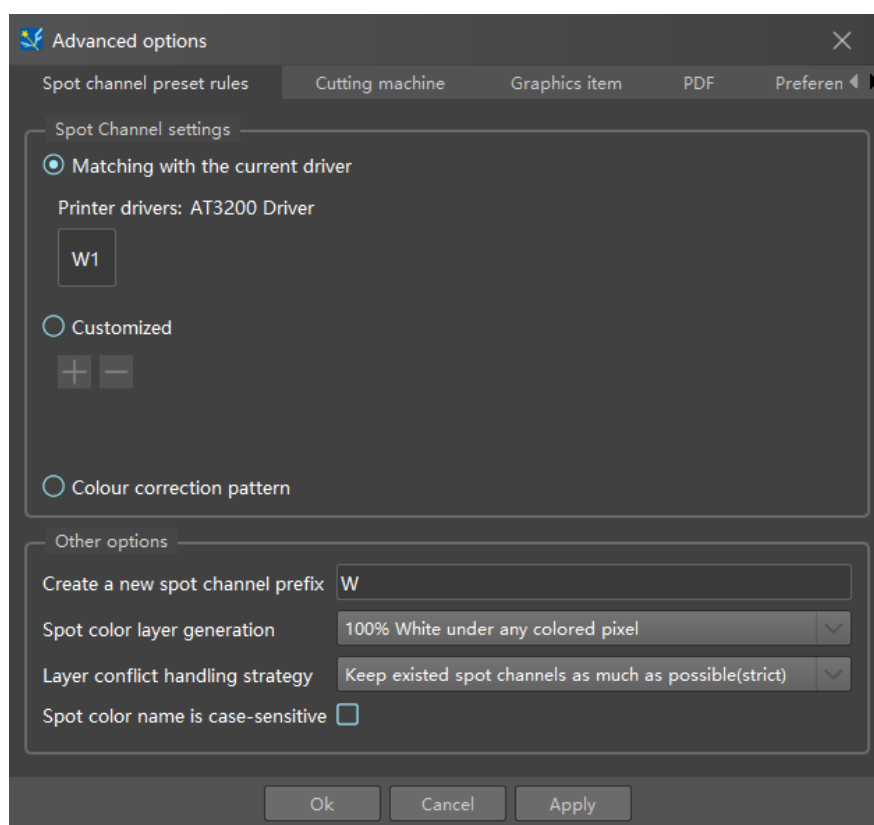
 : Canvas



 : Preview (Adaption)

 : Scale

 : Advanced options





: RIP Job

2. New Job

When the software is opened, the system creates a new job by default. Users can add multiple jobs according to their own needs, as shown below:

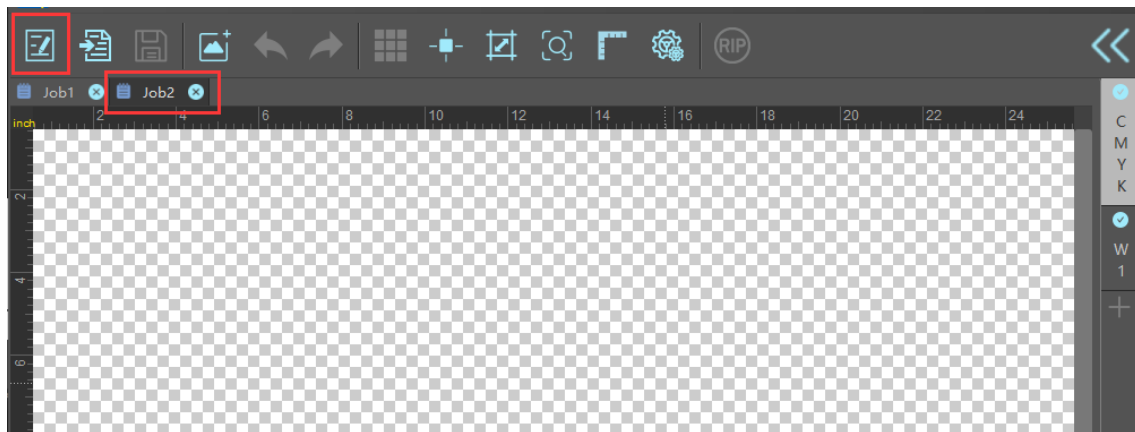


Figure 2.2

3. Add picture



Click  to load picture.

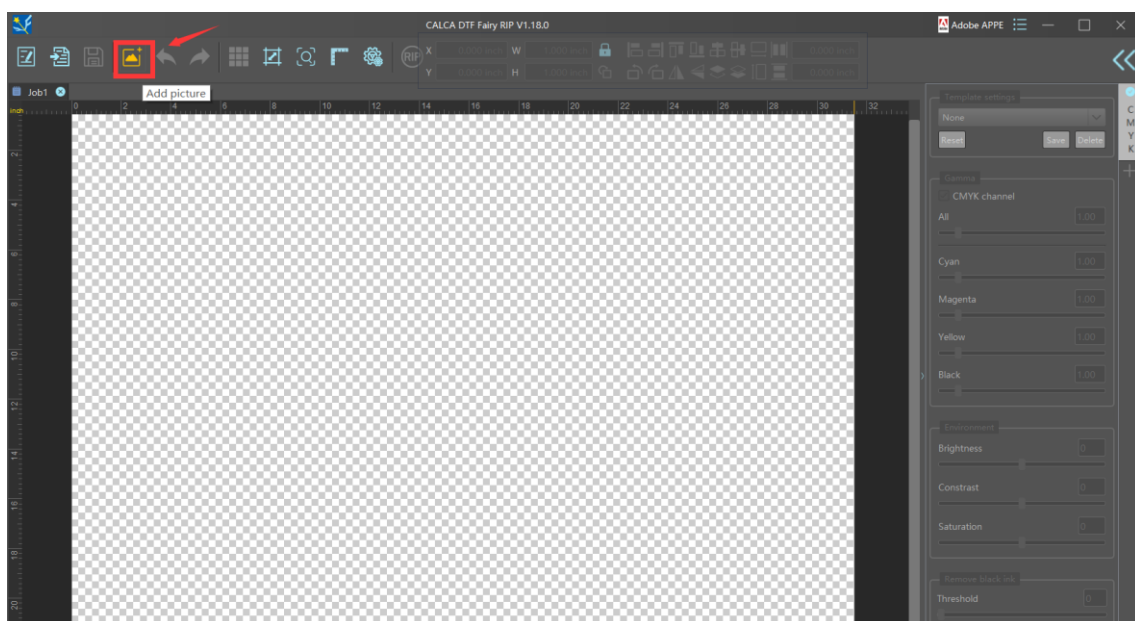


Figure 2.3

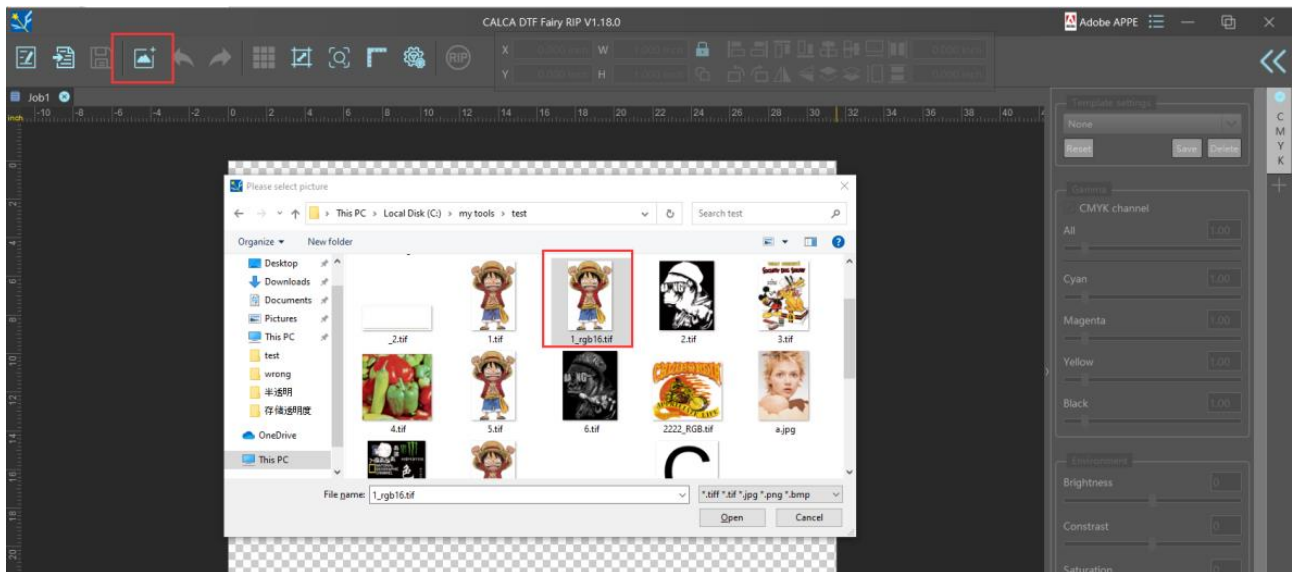


Figure 2.4

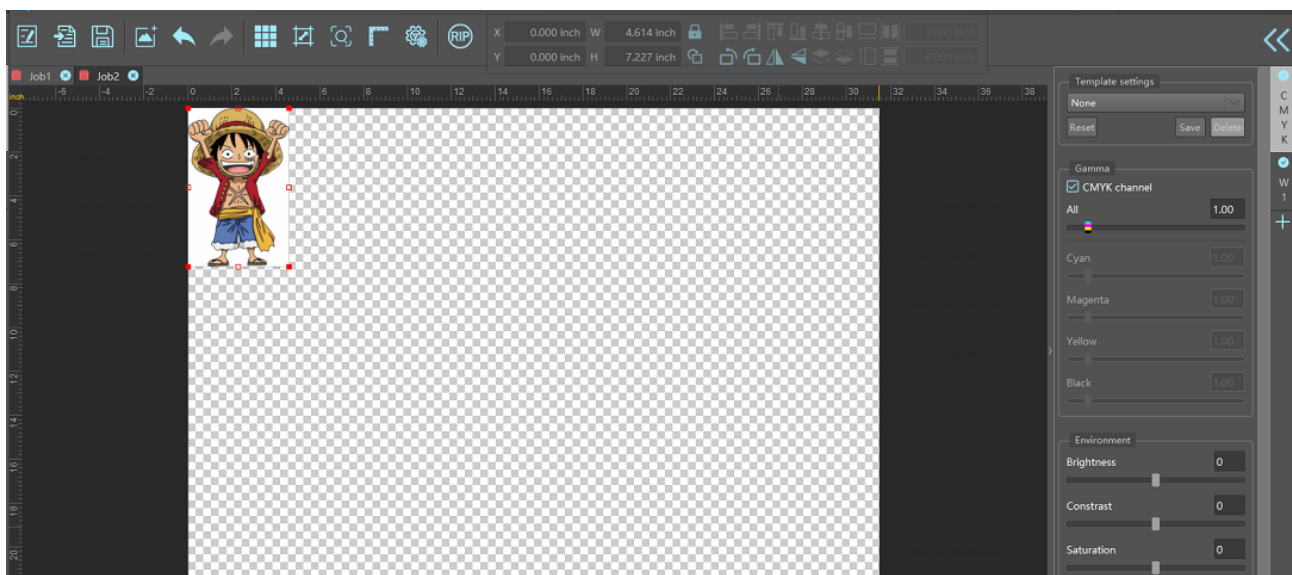


Figure 2.5

4. Channel settings

(1) CMYK channel Settings: can be adjusted according to their own needs, such as brightness/contrast/saturation, etc. Users can also adjust relevant parameters (You can save multiple template files, and then select the drop-down list):

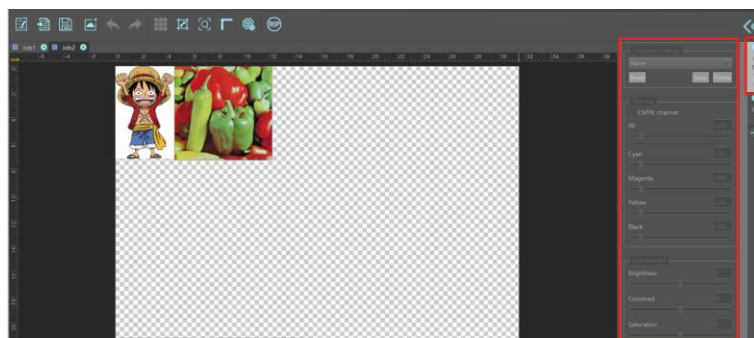


Figure 2.6

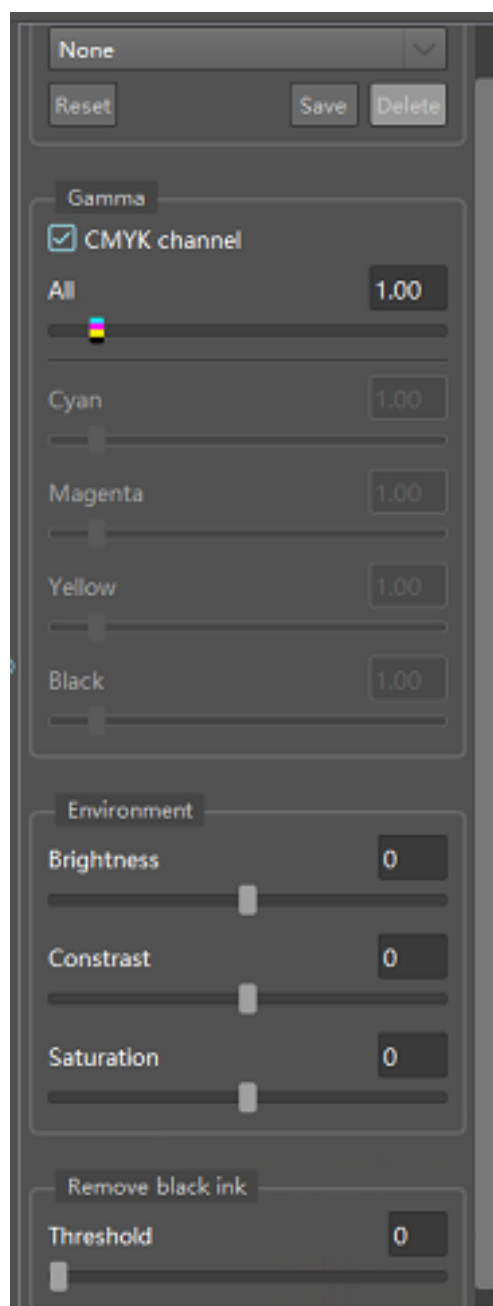


Figure 2.7



(2) Spot channel: After loading the picture, the system will open a W1 or W1W2 channel by default according to the user setting. If the picture comes with a Spot color, it will be labeled in red button, as shown in Figure 2.9

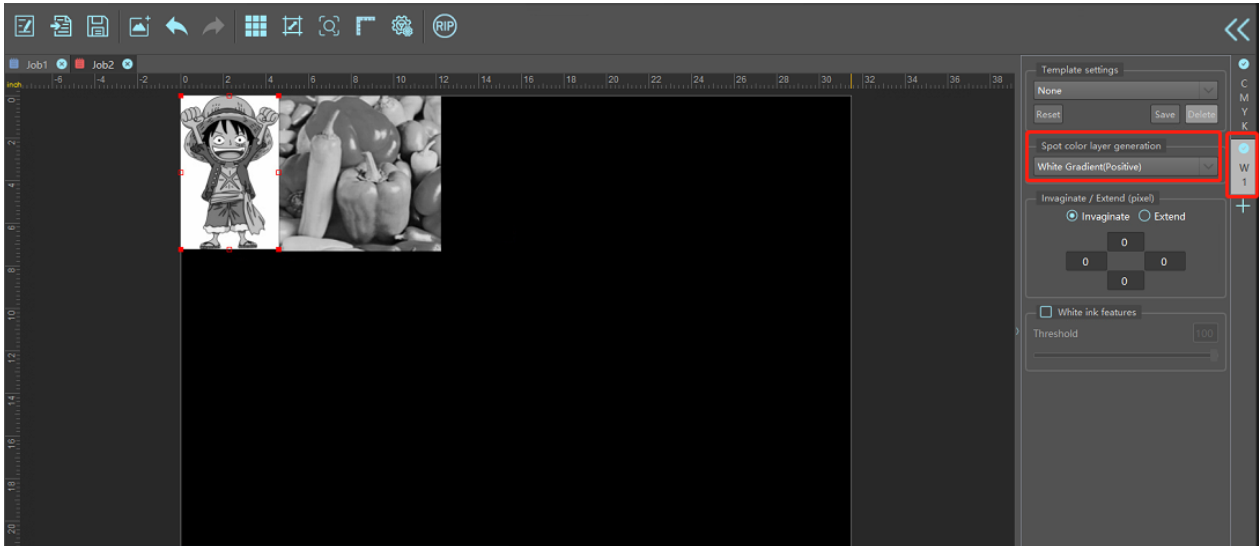


Figure 2.8

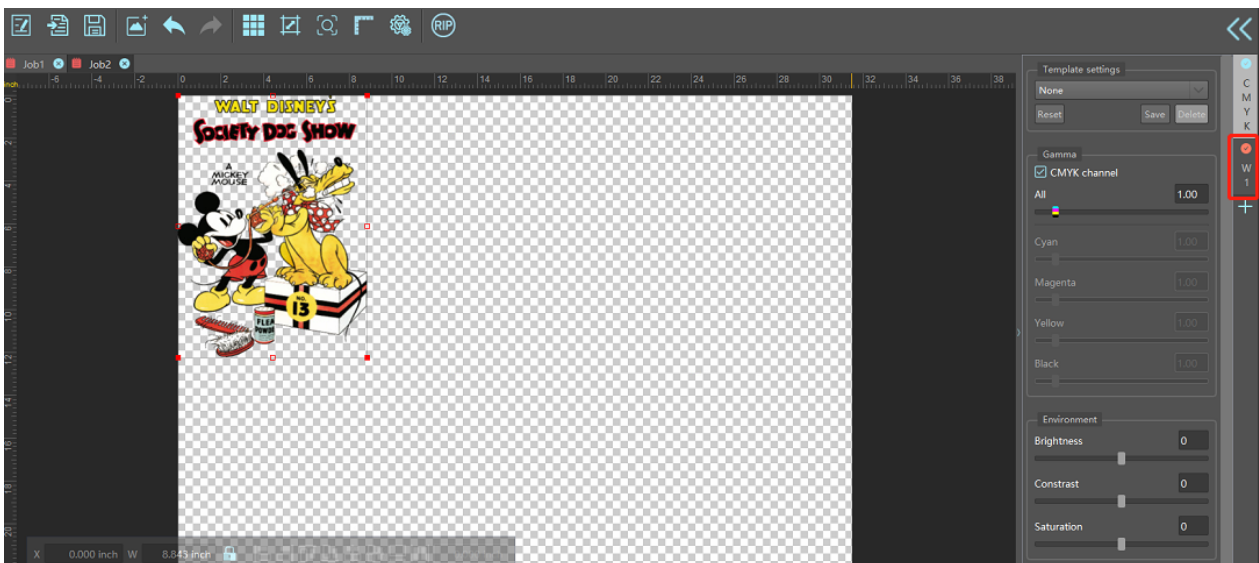


Figure 2.9

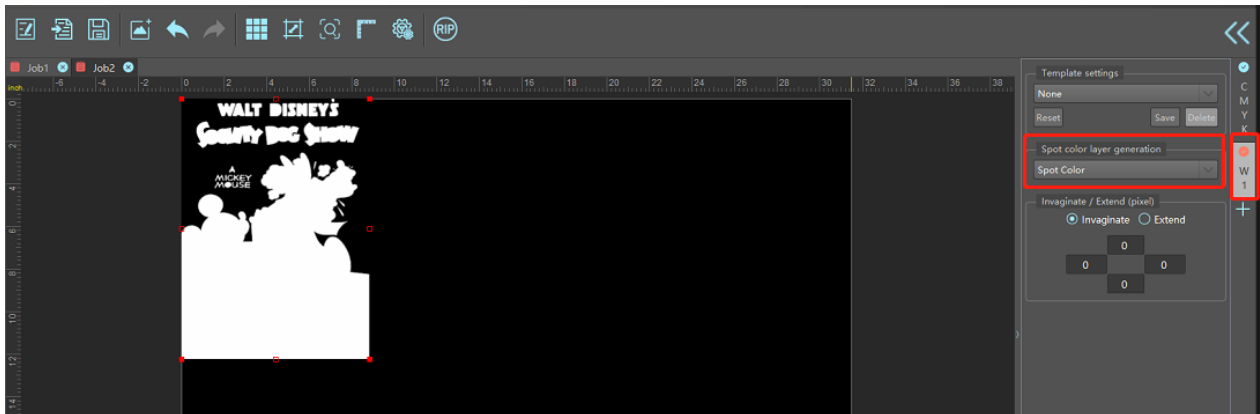


Figure 2.10

(3) Spot color layer generation: Fill all area/ 100% white under any color pixel/
White gradient (negative)/ White gradient (Positive)

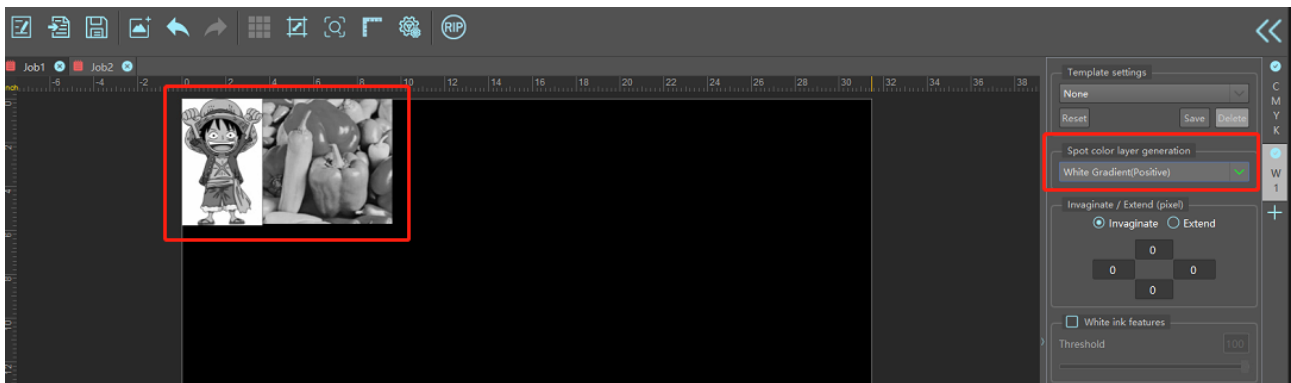


Figure 2.11

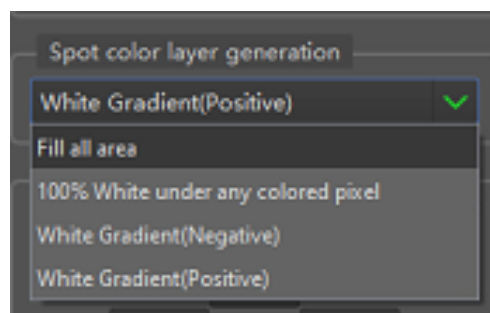


Figure 2.12

Invaginate / Extend (Pixel)

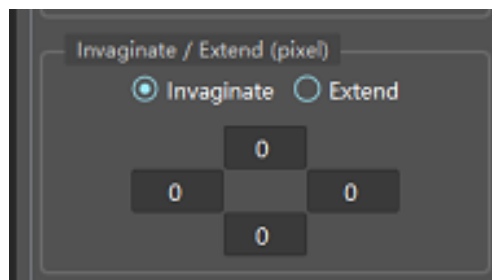



Figure 2.13

5. RIP Job:

After the picture is set up, you can click . (After setting, you can choose "no asking next time", the system will use the last saved value by default.)

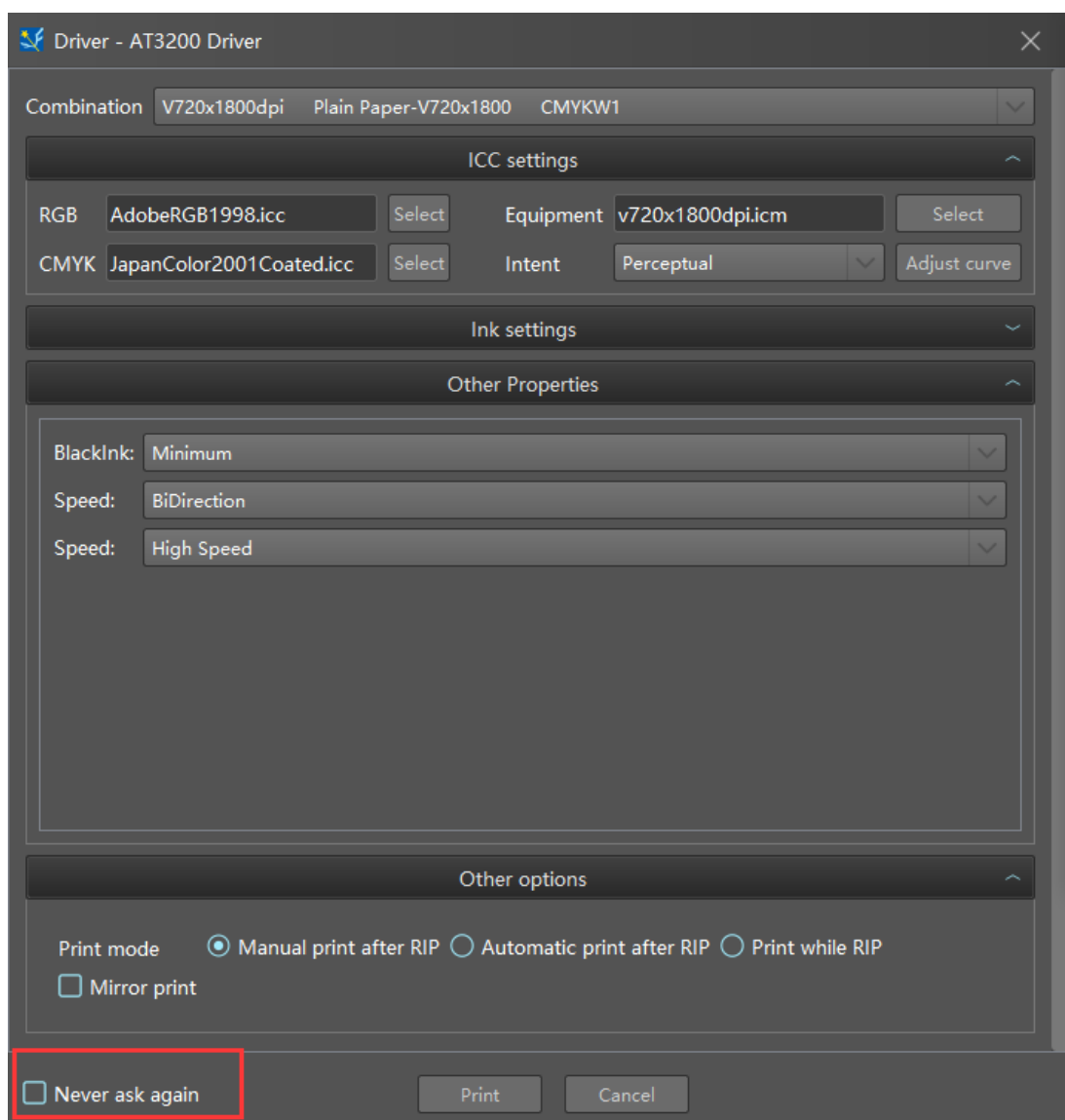


Figure 2.14

ICC settings: The system displays the combination type and ICC related parameters according to the printer driver. The ICC adjustment function is shown in Figure 2.16.

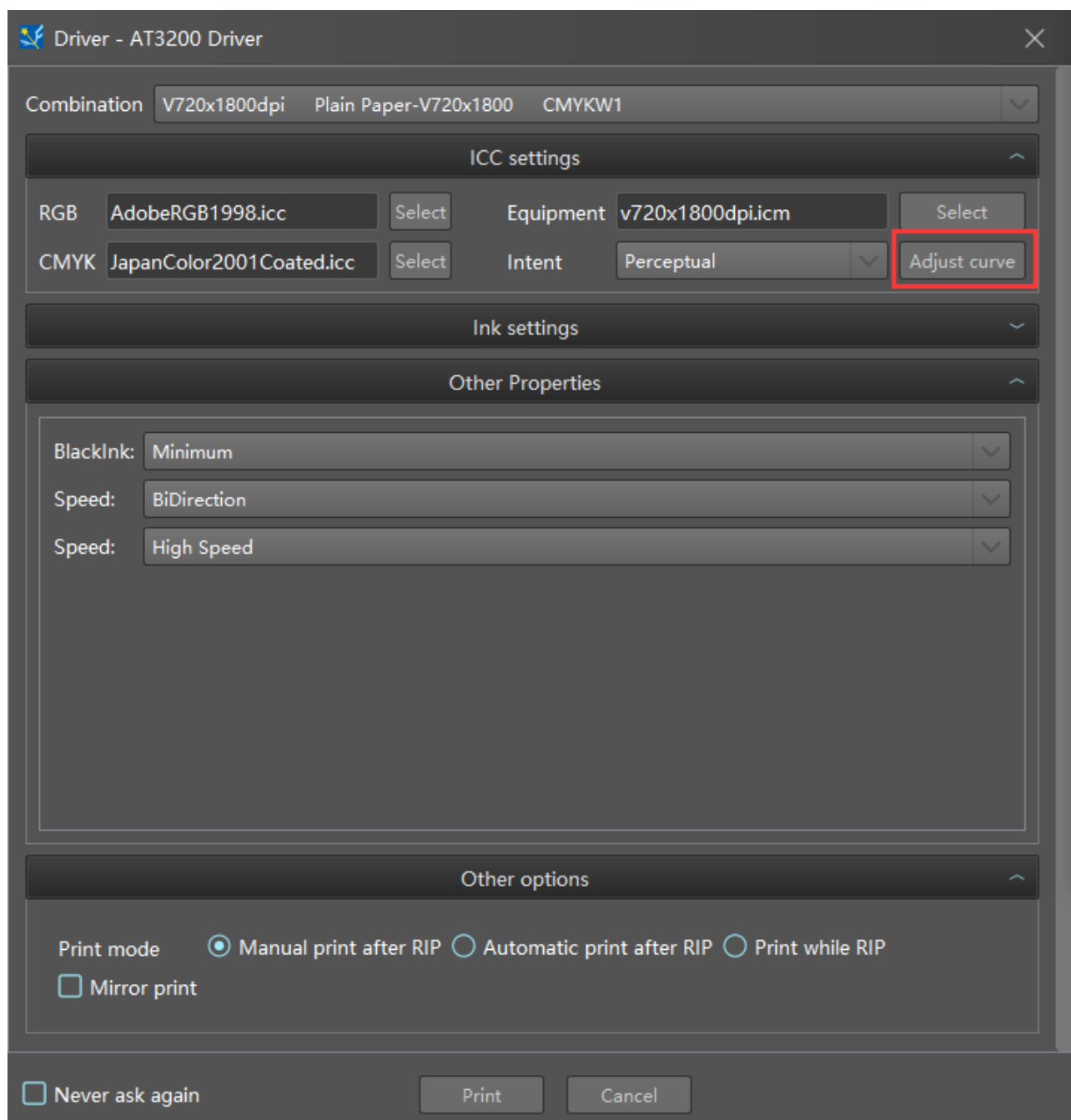


Figure 2.15

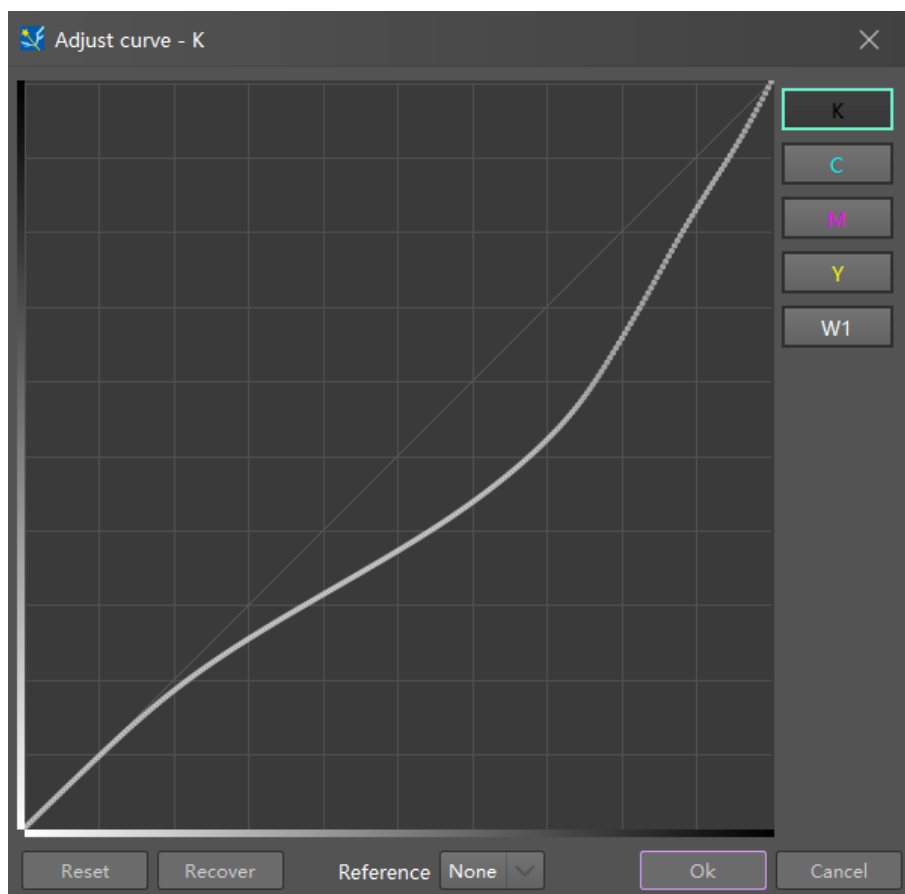


Figure 2.16

Ink settings: the user can set the density of ink, the maximum amount of ink, the sequence of the channel and the switch-on / switch-off according to the requirements. (Drag the position of the cartridge to set the order, double-click a cartridge, it turns gray to close this channel.)

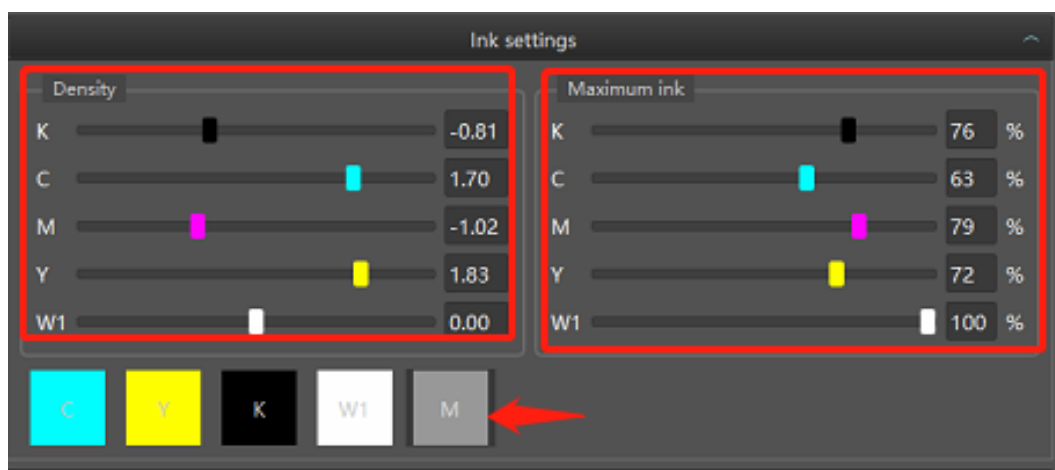


Figure 2.17

Other options:

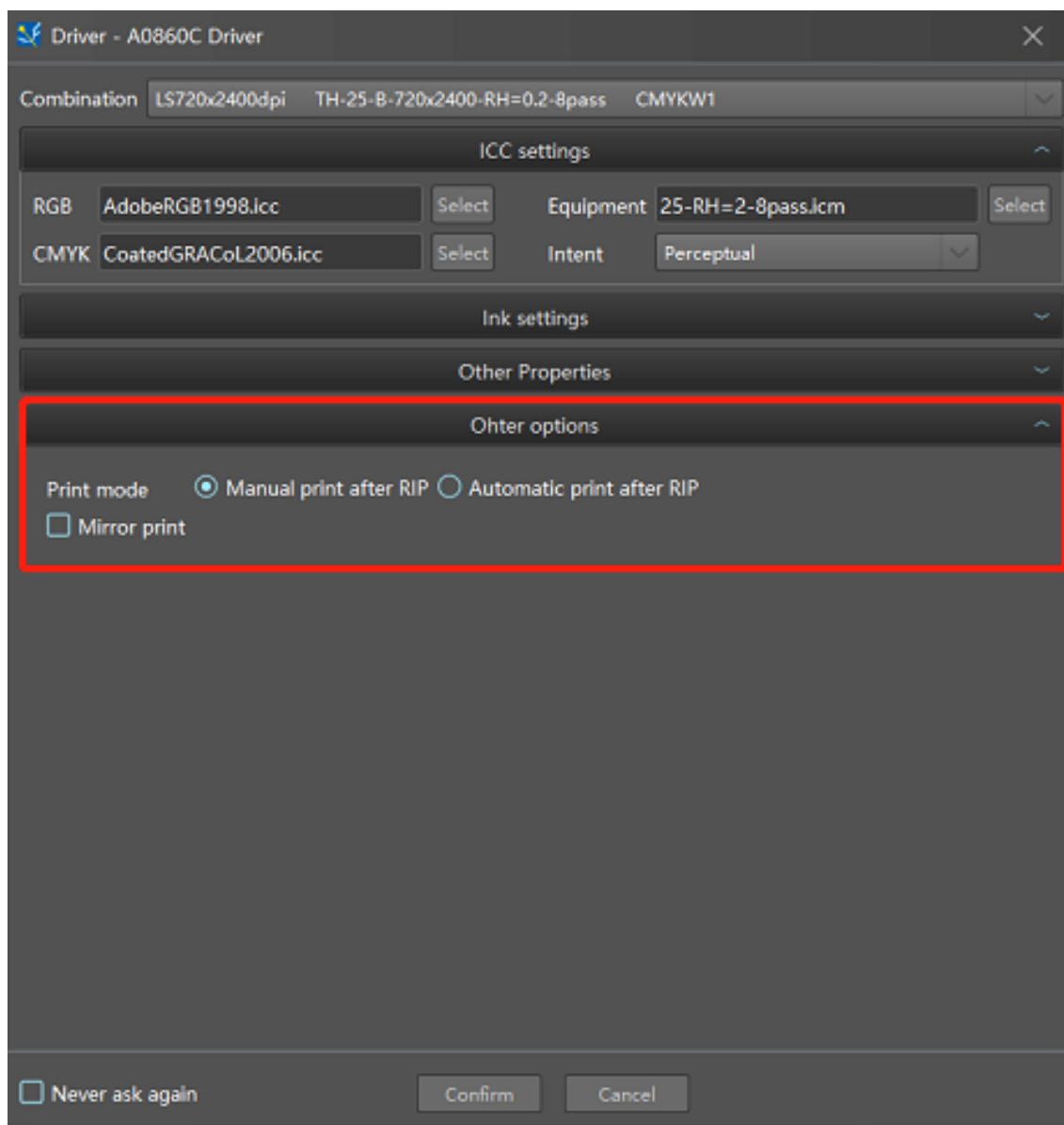


Figure 2.18

RIP job: the RIP will automatically jump to the RIP job list, as shown in the following figure.

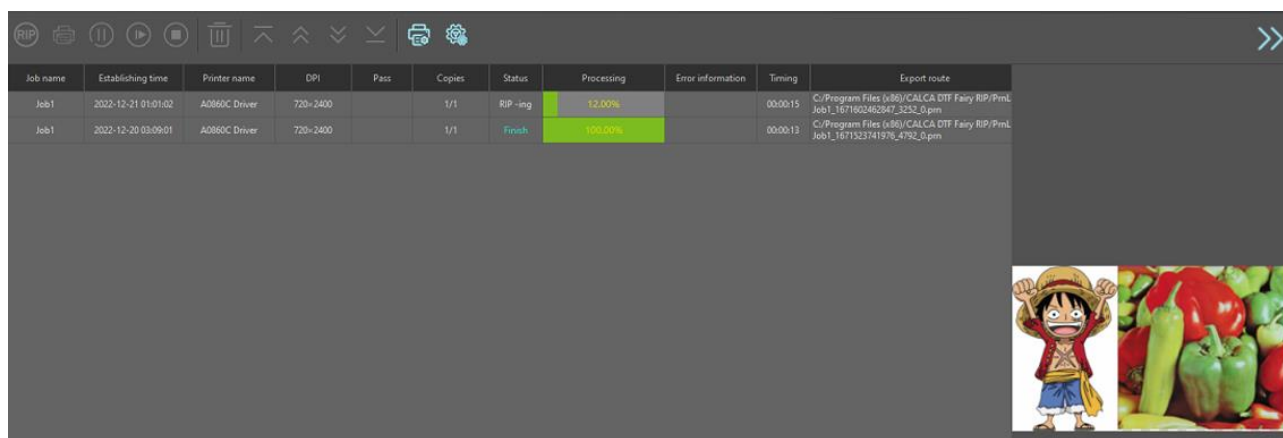









Figure 2.19

6. RIP job list



- (1)  : RIP
- (2)  : Print
- (3)  : Delete
- (4)  : Move to top
- (5)  : Move up
- (6)  : Move down
- (7)  : Move to bottom
- (8)  : Printer management shown as Figure 2.20

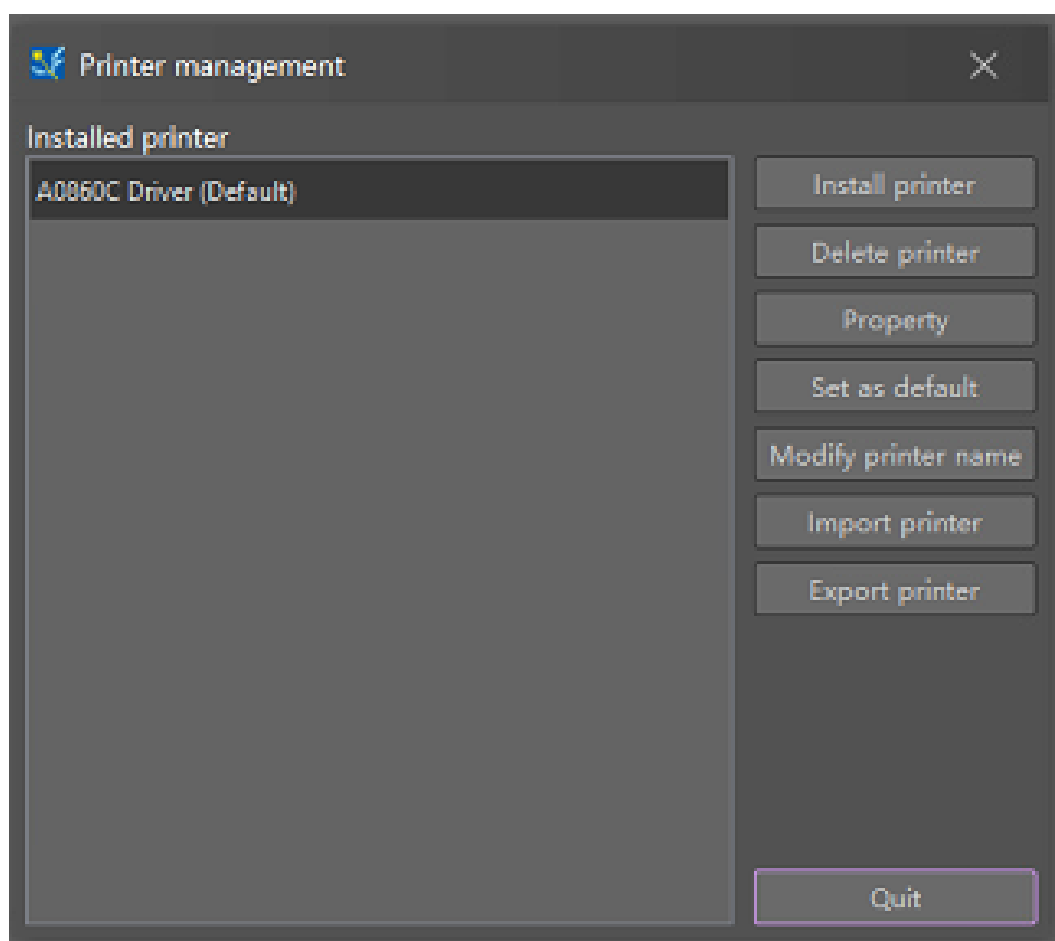


Figure 2.20

(9)  : Advanced options

Set the path for the Prn files generation.

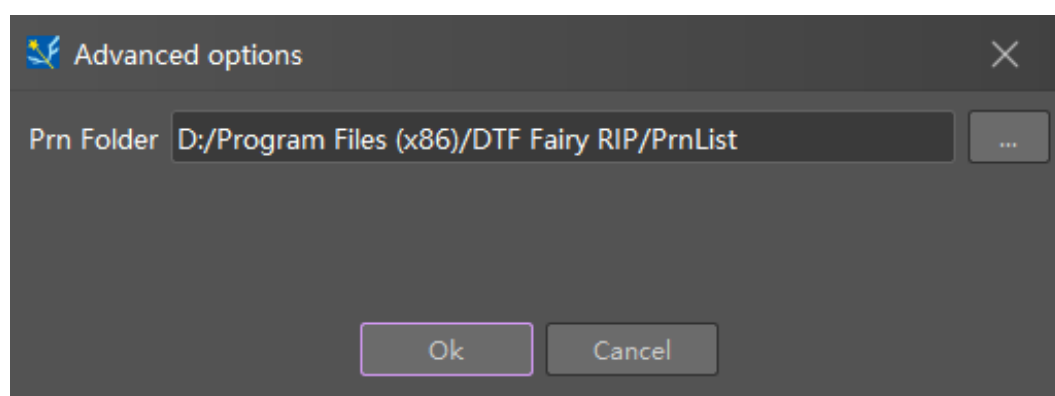


Figure 2.21



7. Cutting function

Click the "Advanced Settings" to switch to the "cutting machine" interface as shown in following figure:

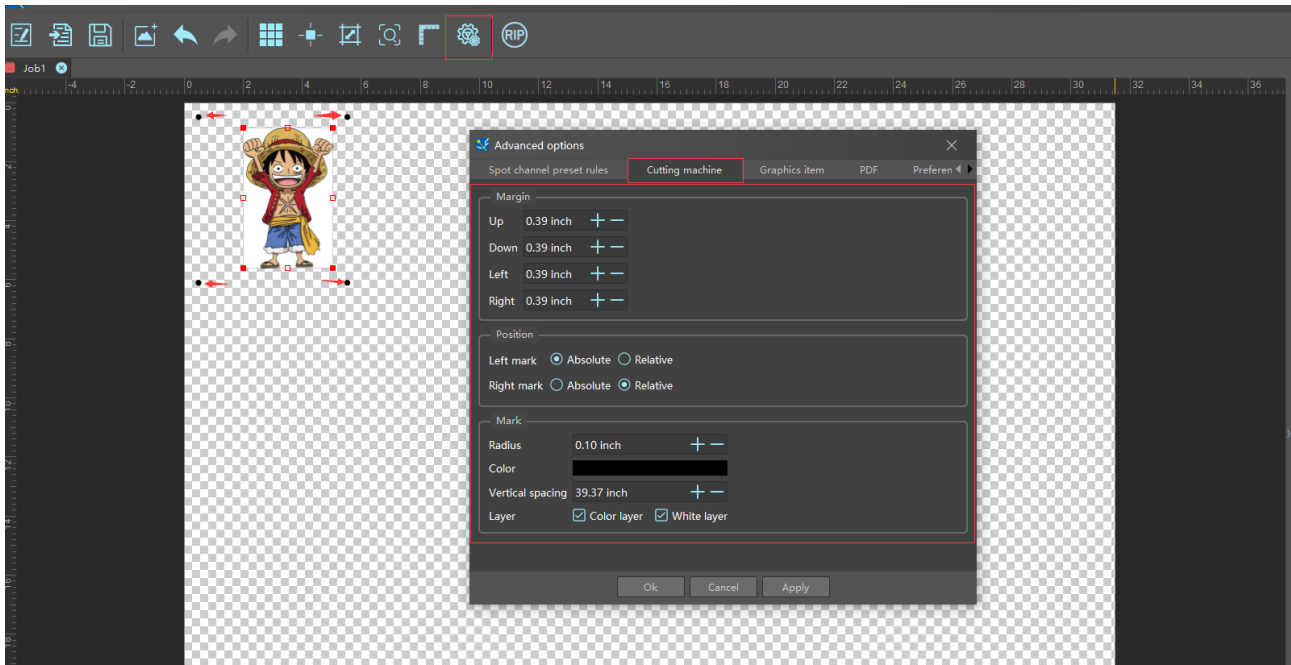


Figure 2.22

Cutting mark: can be marked either on CMYK layer or on White layer.

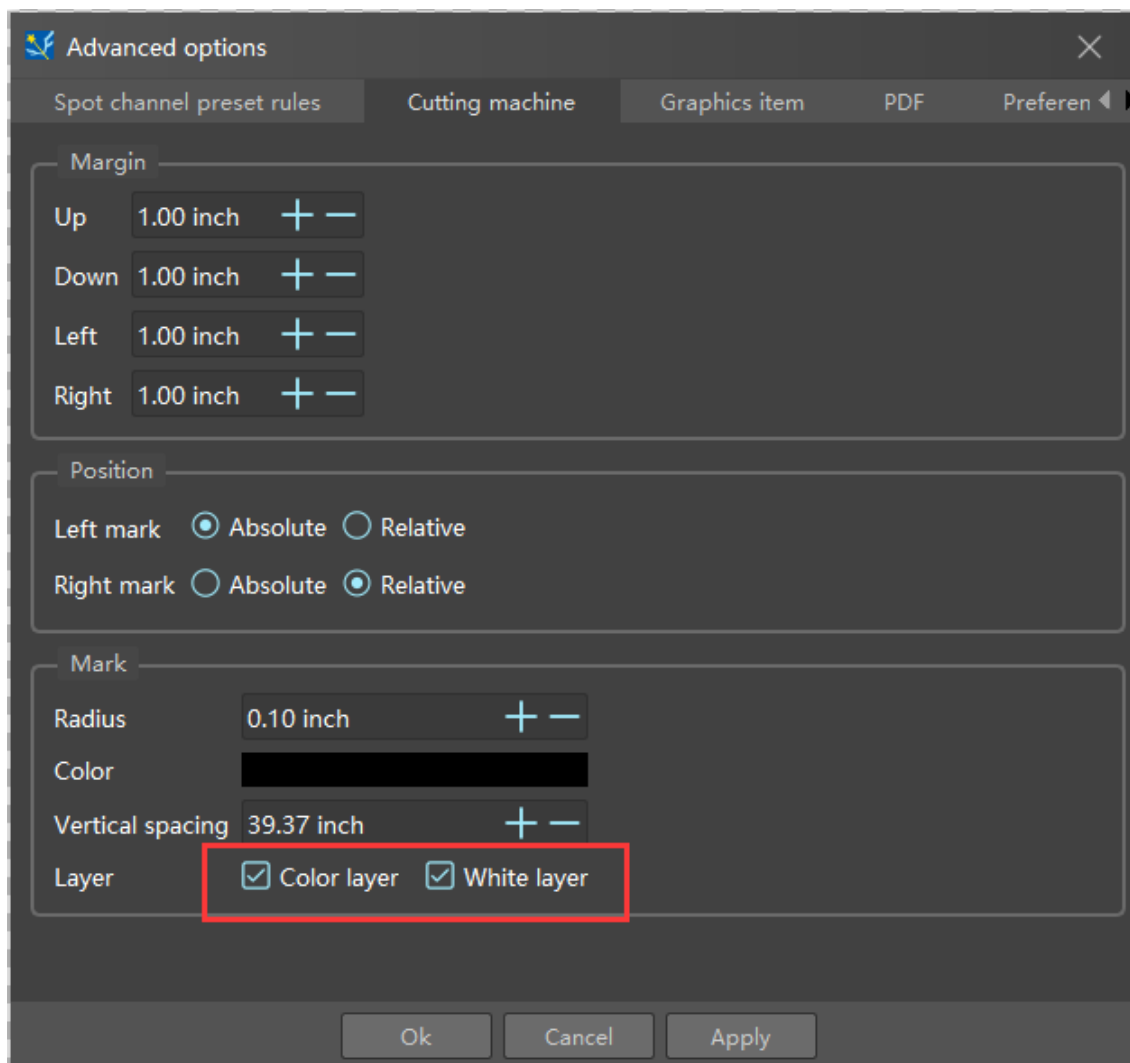


Figure 2.23

A: Margin: the distance of the cutter relative to the upper, lower, left and right positions of the whole picture. As shown in Figure 2.25, it is the effect of 1 inch margin.

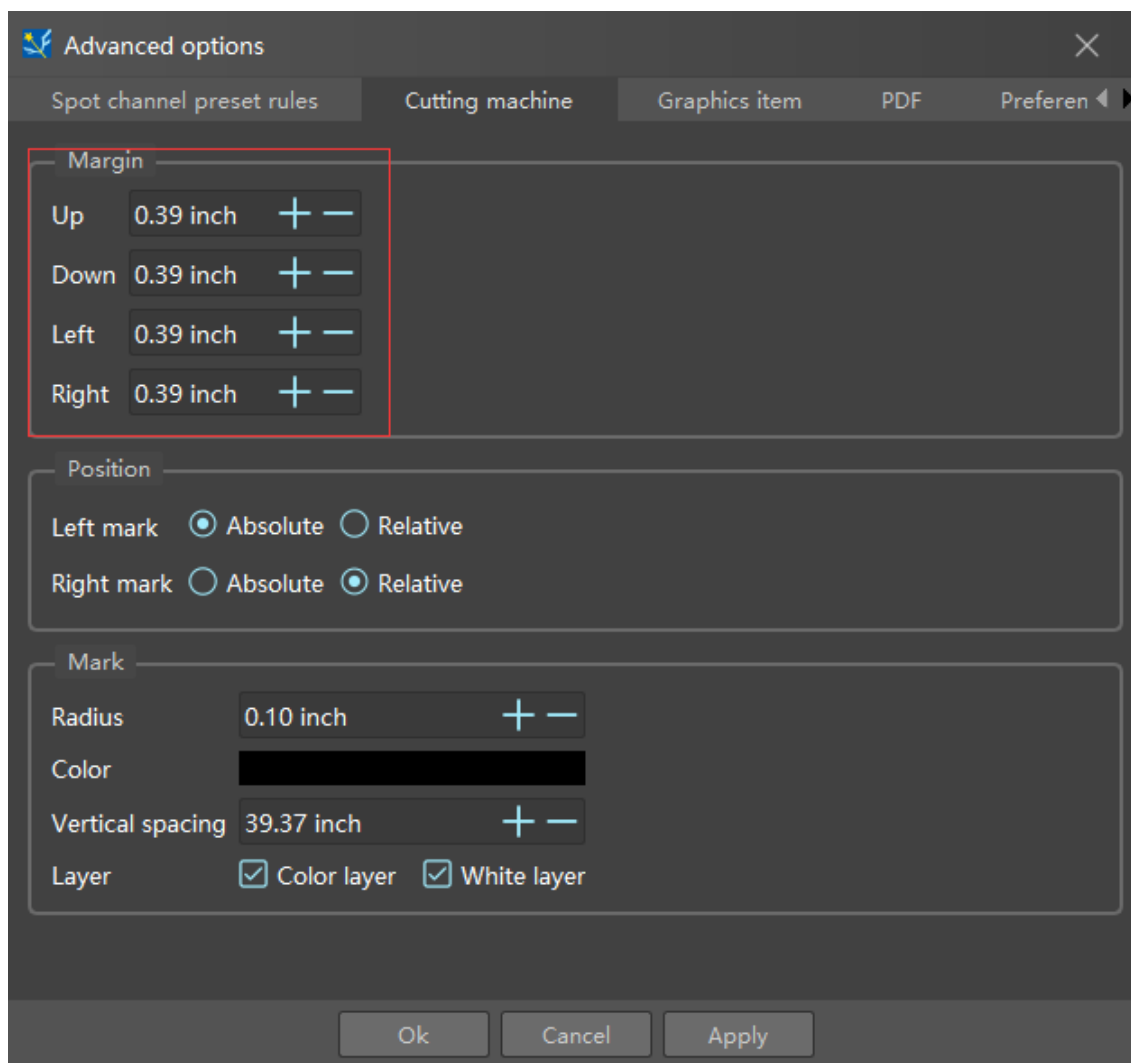


Figure 2.24

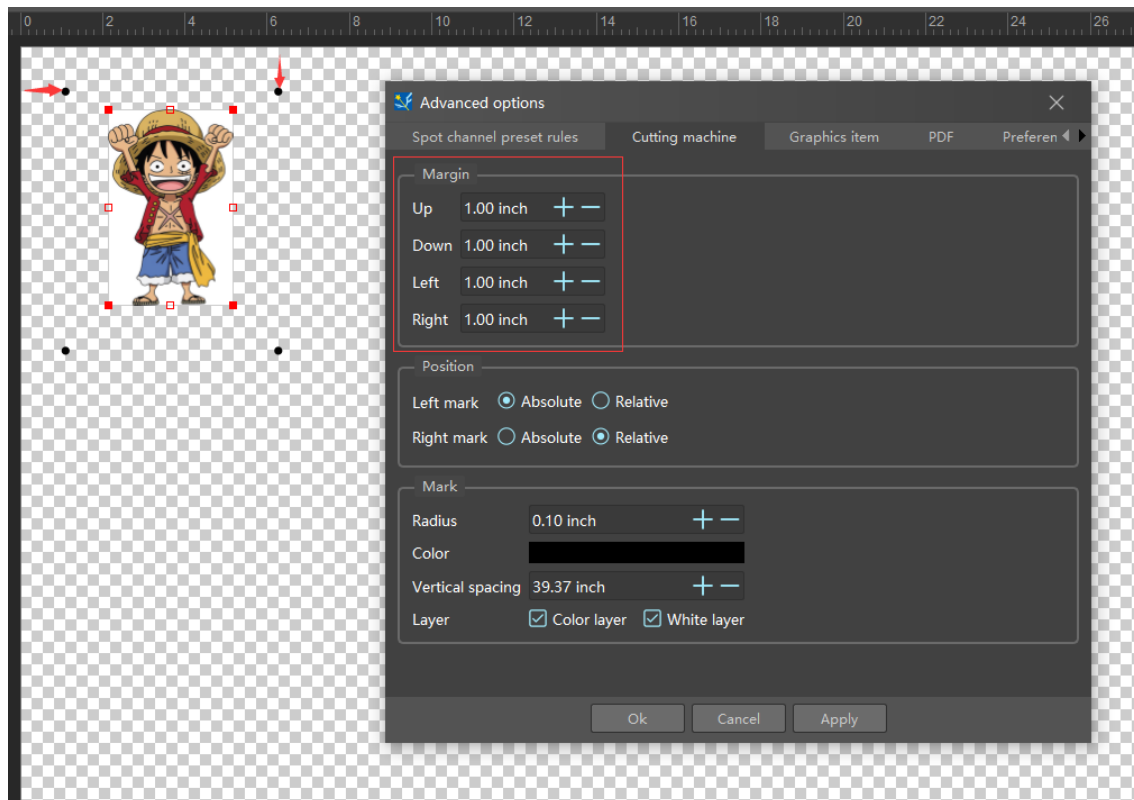


Figure 2.25

B: Position: It is used to set the absolute position or relative position of the locator.

(1) Figure 2.26 is the effect of selecting the right locator or mark (Relative Position).

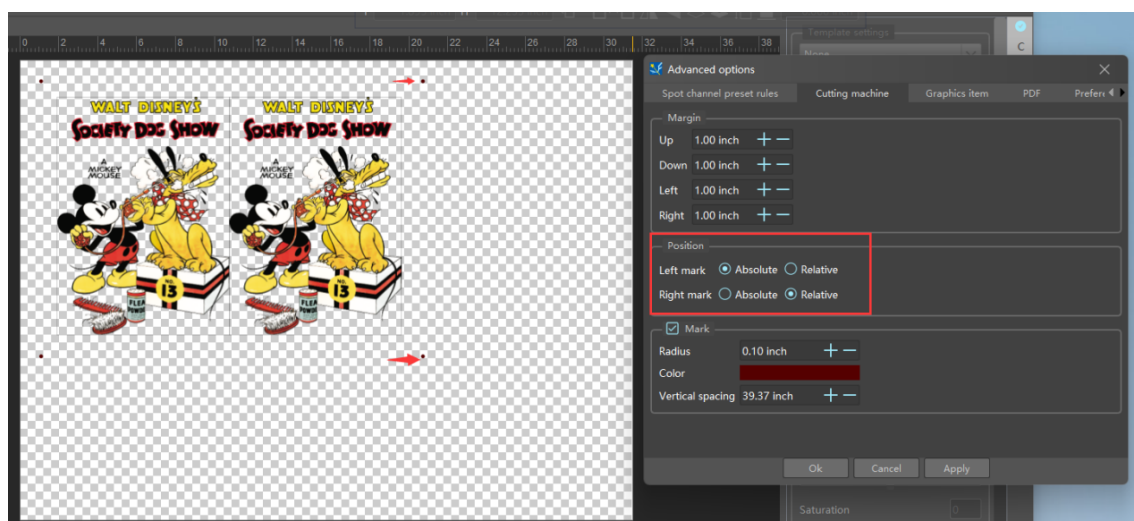


Figure 2.26



(2) Figure 2.27 is the effect of selecting the right locator or mark (Absolute Position).

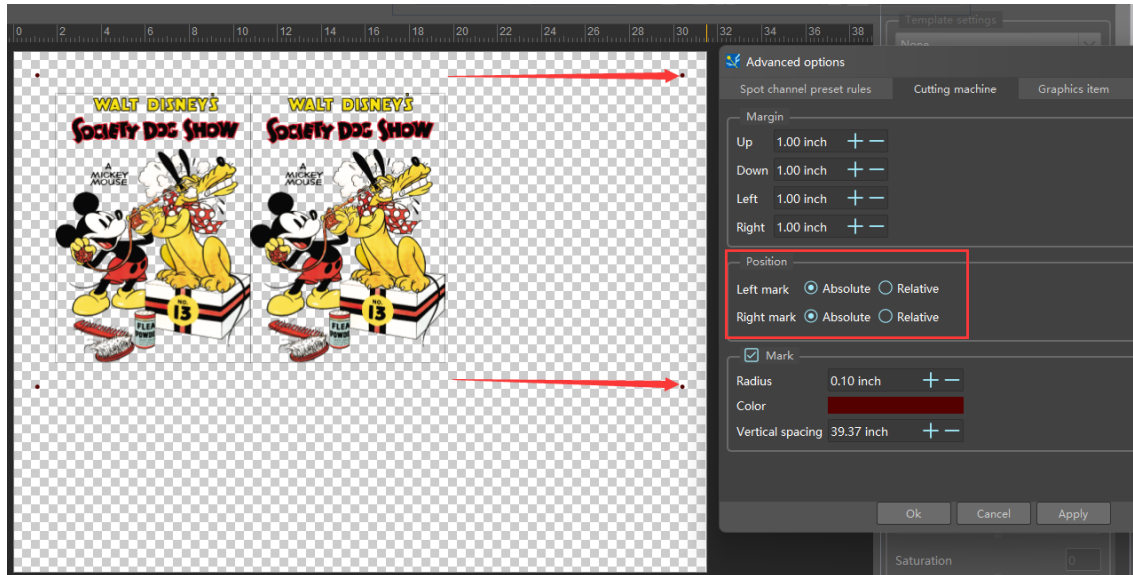


Figure 2.27

C: Mark: used to set the radius/color/vertical spacing of the cutter locator. Figure 2.28 shows the effect of the locator being set to a radius of 0.25inch.

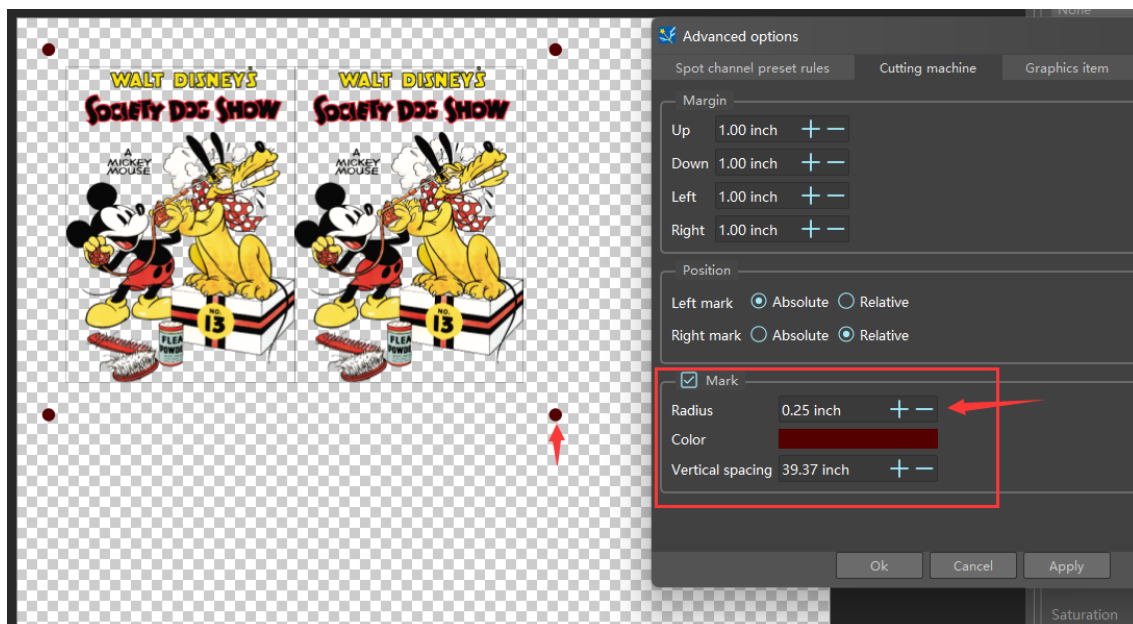


Figure 2.28

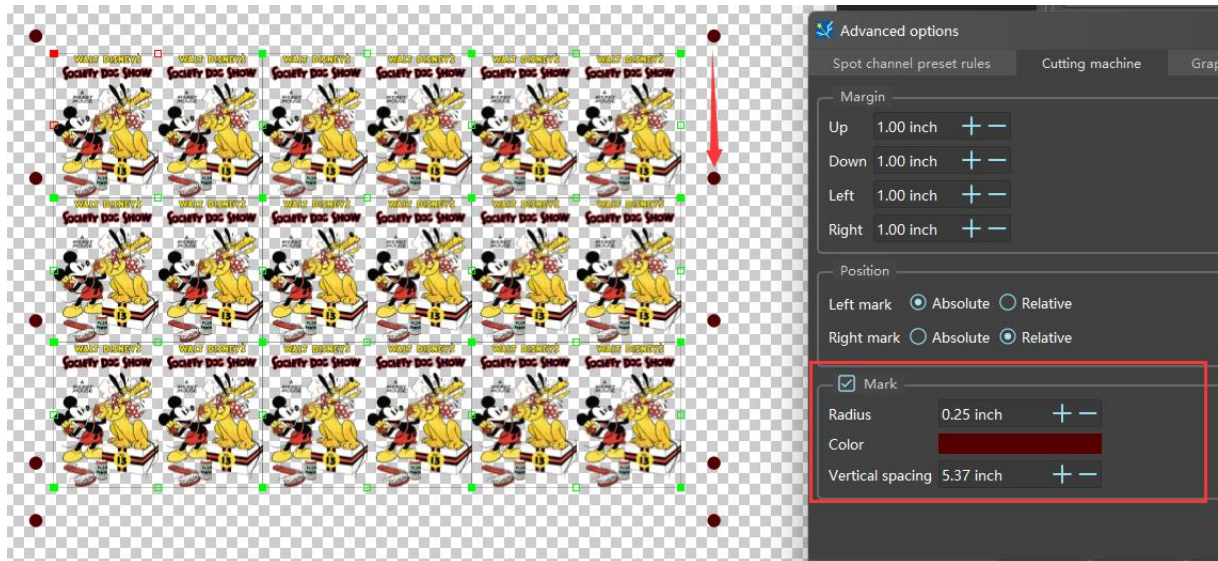


Figure 2.29

D: Metafile: Set the distance around the picture.

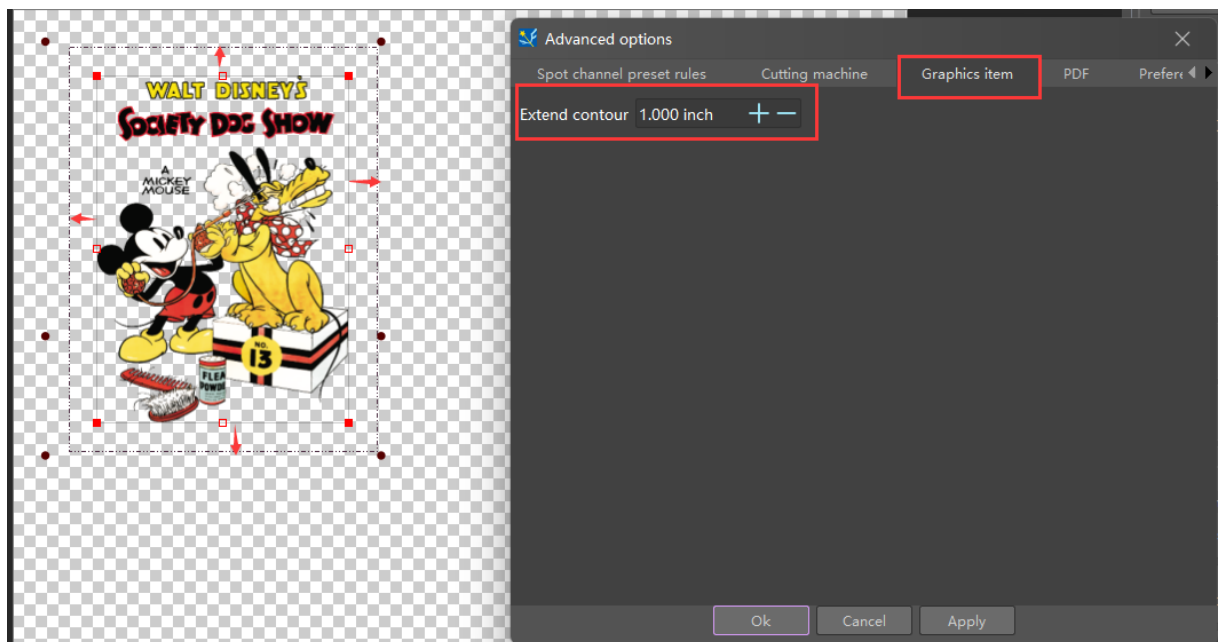
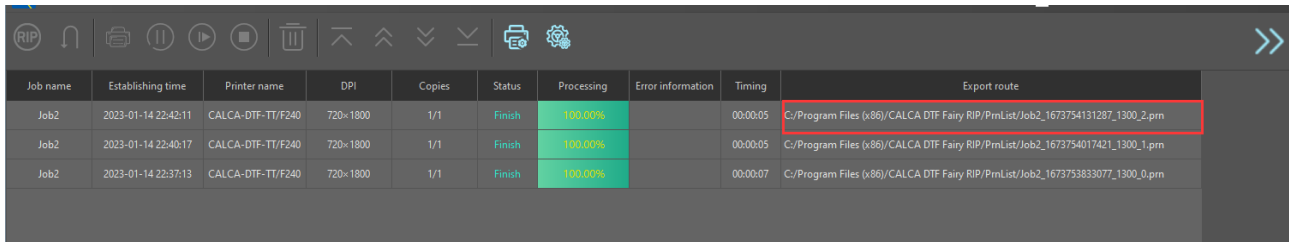


Figure 2.30

Figure 2.30 shows the effect of setting contour for 1 inch.

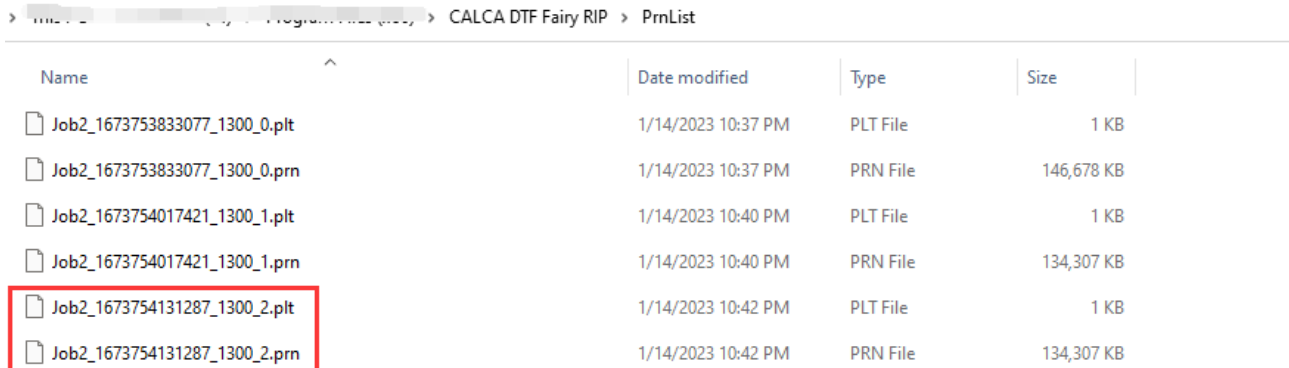
Export Path

After the RIP job is completed, the system will automatically generate a prn and plt file, which can be opened by double-clicking the file path as shown in the figure.



Job name	Establishing time	Printer name	DPI	Copies	Status	Processing	Error information	Timing	Export route
Job2	2023-01-14 22:42:11	CALCA-DTF-TT/F240	720~1800	1/1	Finish	100.00%		00:00:05	C:/Program Files (x86)/CALCA DTF Fairy RIP/PmList/Job2_1673754131287_1300_2.prn
Job2	2023-01-14 22:40:17	CALCA-DTF-TT/F240	720~1800	1/1	Finish	100.00%		00:00:05	C:/Program Files (x86)/CALCA DTF Fairy RIP/PmList/Job2_1673754017421_1300_1.prn
Job2	2023-01-14 22:37:13	CALCA-DTF-TT/F240	720~1800	1/1	Finish	100.00%		00:00:07	C:/Program Files (x86)/CALCA DTF Fairy RIP/PmList/Job2_1673753833077_1300_0.prn

Figure 3.1



Name	Date modified	Type	Size
Job2_1673753833077_1300_0.plt	1/14/2023 10:37 PM	PLT File	1 KB
Job2_1673753833077_1300_0.prn	1/14/2023 10:37 PM	PRN File	146,678 KB
Job2_1673754017421_1300_1.plt	1/14/2023 10:40 PM	PLT File	1 KB
Job2_1673754017421_1300_1.prn	1/14/2023 10:40 PM	PRN File	134,307 KB
Job2_1673754131287_1300_2.plt	1/14/2023 10:42 PM	PLT File	1 KB
Job2_1673754131287_1300_2.prn	1/14/2023 10:42 PM	PRN File	134,307 KB

Figure 3.2

If you need to generate a tiff file, select it at Advanced Settings- Preferences to create a TIFF file.

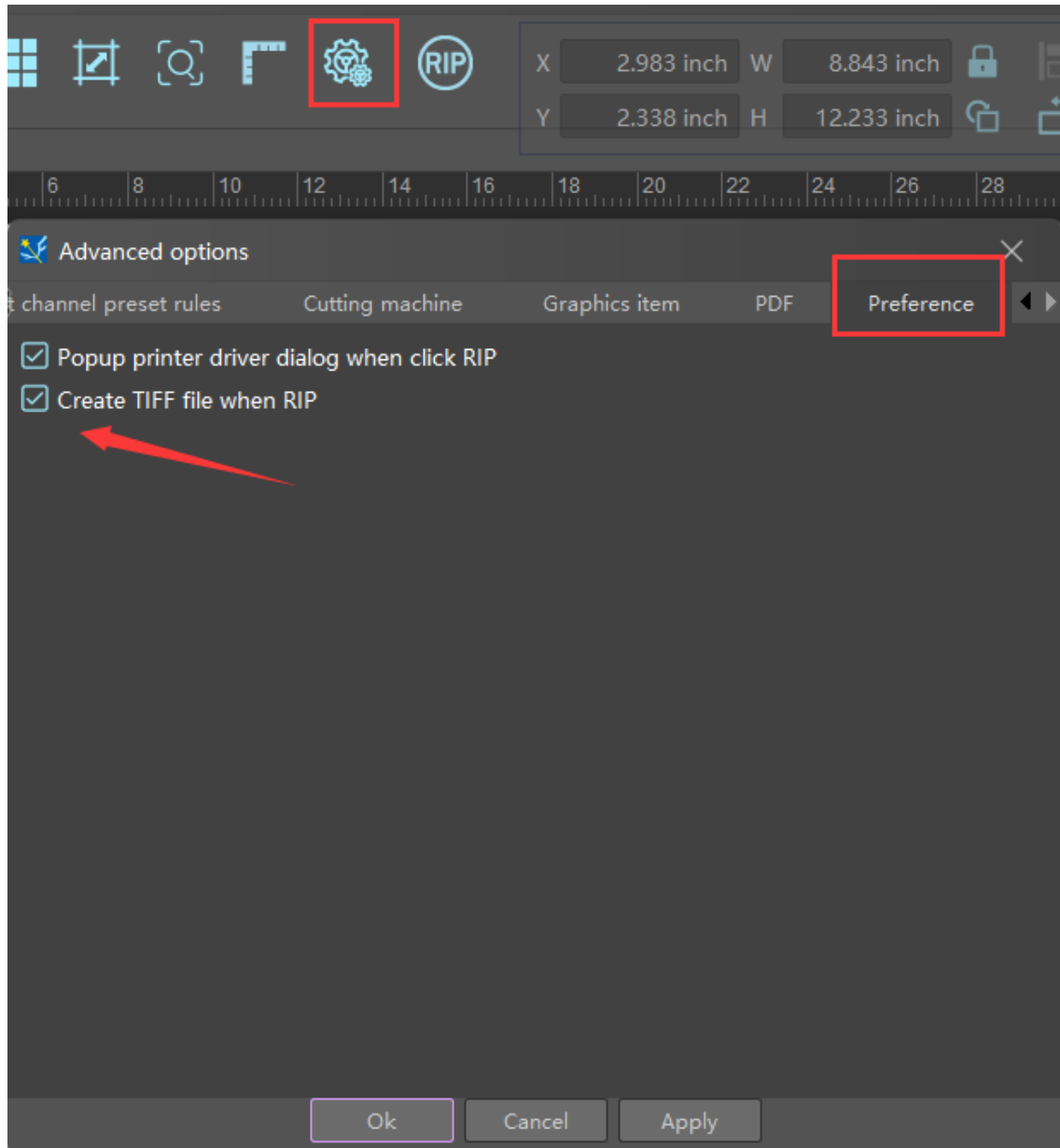


Figure 3.3

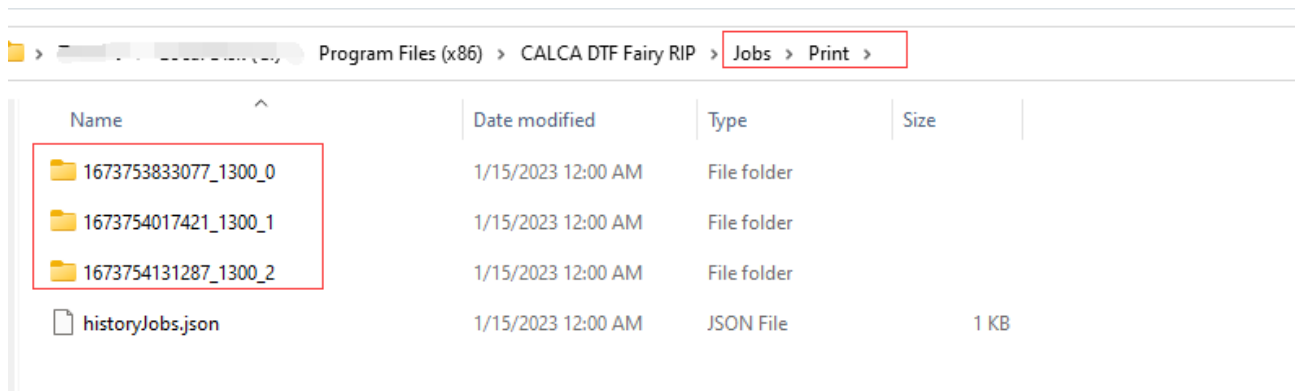


Figure 3.4



Directory generated by the Tiff file: \ Jobs \ Print \ under the installation directory. Open the corresponding folder for the relevant job.