



Guide to ripping and printing white with Caldera and the HP Latex 630W/700W/800W/R series/2700W printers

This document aims to provide fundamental guidance on printing and cutting using the Raster Image Processor (RIP) features of Caldera for the HP Latex 630W/700W/800W/R series/2700 W printers with the HP Latex Cutter Solution.

NOTE: This document refers to Caldera version 17.1.0, build 240214. We recommend this version or further. To download, go to **Help** in the application bar → **Check for updates**

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HP Latex Cutter Installation

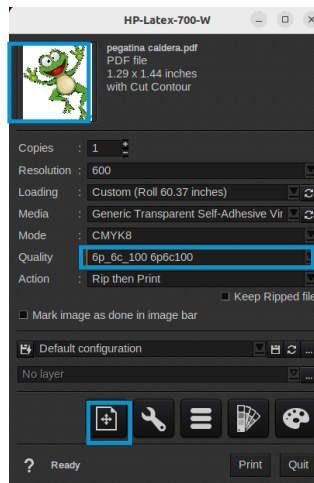
Note: To install your HP Latex Cutter, please refer to the VisualCut User Manual. You can download the manual after registering on the website [here](#).

Print Settings

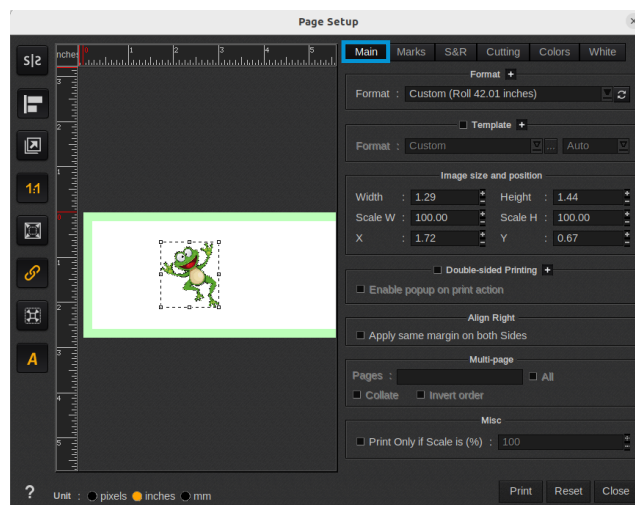
White Self-Adhesive Vinyl (SAV) Media Settings

Certain settings need to be configured in the printer module before sending the job to cut. Follow these steps:

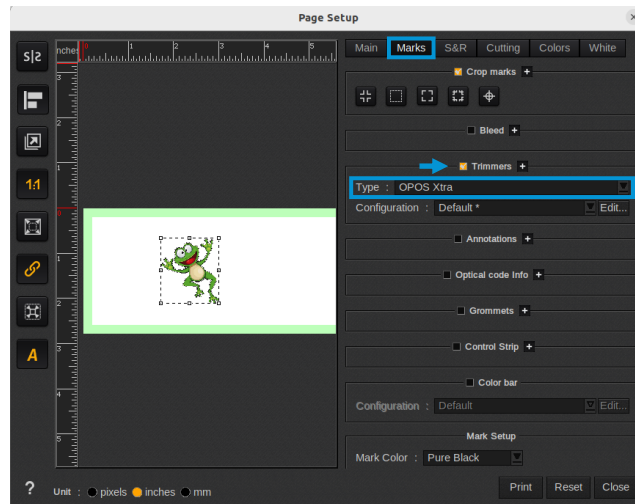
1. From Caldera RIP, select the HP Printer you intend to use.
2. Load a file with embedded contours to the printer window.
3. Choose the desired print mode from the Quality drop-down list.
4. Click on Page Setup icon.



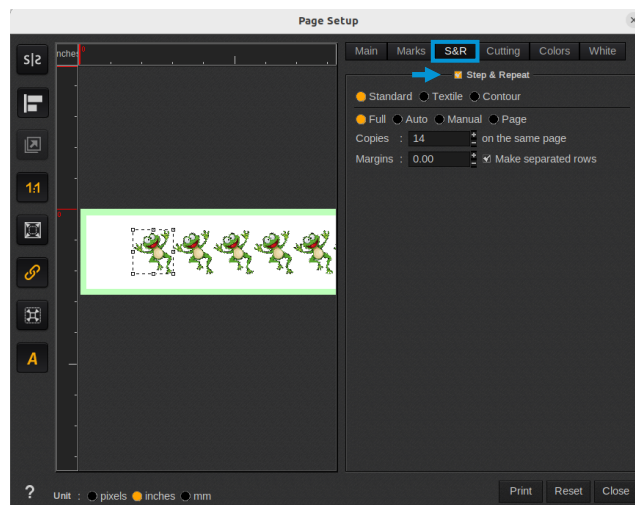
5. Go to the Main tab to change the size of the file.



6. In the Page Setup window, go to the Marks tab and enable the Trimmers checkbox.
 - a. From the Type drop-down list, select OPOS Xtra.

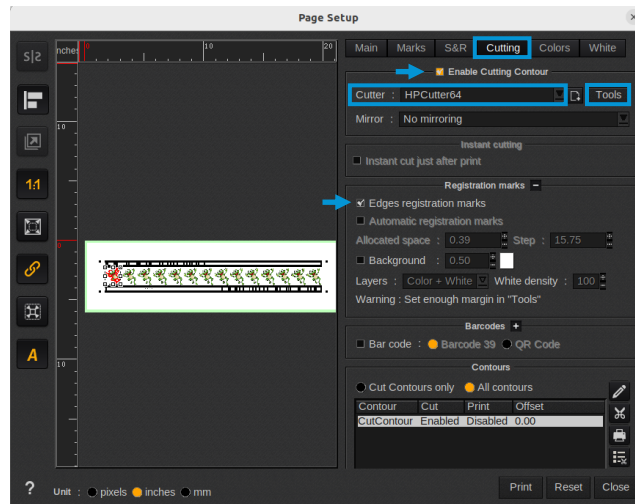


7. Go to the S&R tab and enable Step & Repeat. From here:
 - a. Copies: enter the desired number of copies.
 - b. Margins: insert the desired margin between images.

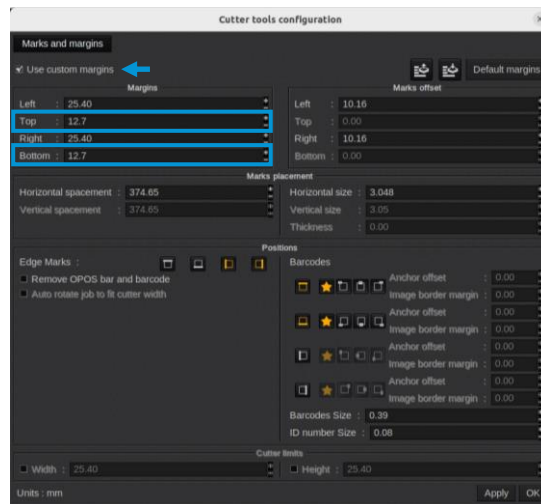


NOTE: To apply the HP Barcode, the print file must have a minimum width of approximately 228,6 mm (9 inches), achieved by changing the file size or by increasing the number of copies.

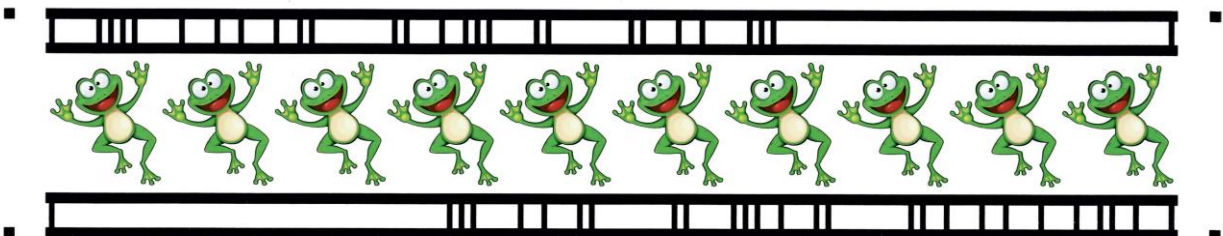
8. Go to the Cutting tab and check Enable Cutting Contour to enable cutting features.
9. Select the previously configured HP Latex Cutter from the Cutter drop-down list.
10. Enable Edges registration marks.



11. Click on the Tools button to open the Cutter tools configuration window:
 - a. Enable Use custom margins.
 - b. In the Margins deck, set the Top and Bottom margin at 12.7 mm (0.5 inches).



The printed HP barcode and OPOS registration marks should look like this:

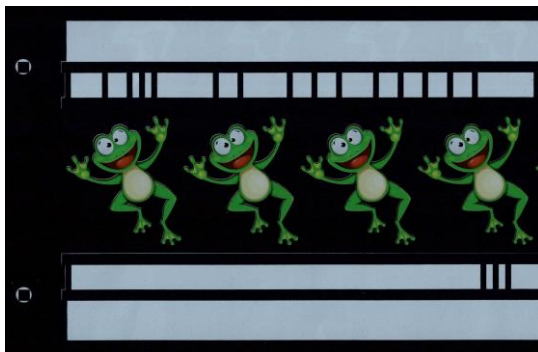


Non-White, Translucid, and Transparent SAV Settings

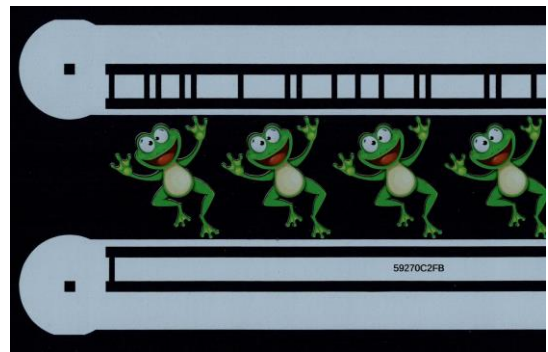
For non-white, translucid, and transparent medias, follow these additional steps:

1. Choose the Underflood (UF) white print mode from the Quality drop-down list.
2. Click on Page Setup, then go to the Cutting tab.
3. In the Registration marks deck, configure the following settings to ensure the cutter's optical sensor can properly scan the media:
 - a. Set the radius to 12.7 mm (0.5 inches) for the OPOS registration marks. This improves the cutter's reading accuracy.
 - b. Select white as the background color. The high contrast aids the optical sensor in detecting the marks more easily.

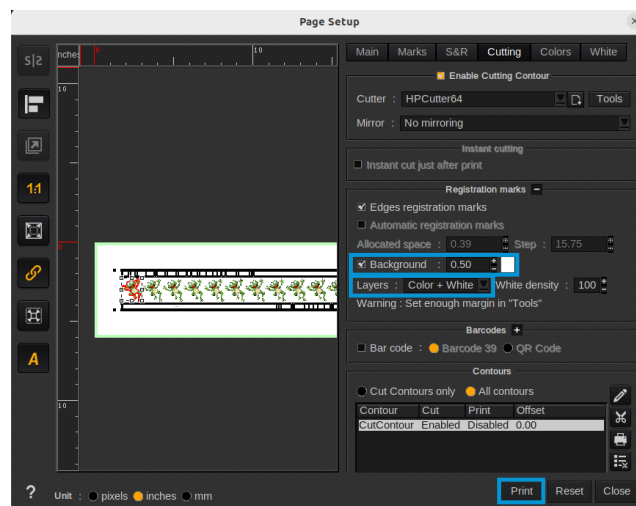
No radius



Applying radius



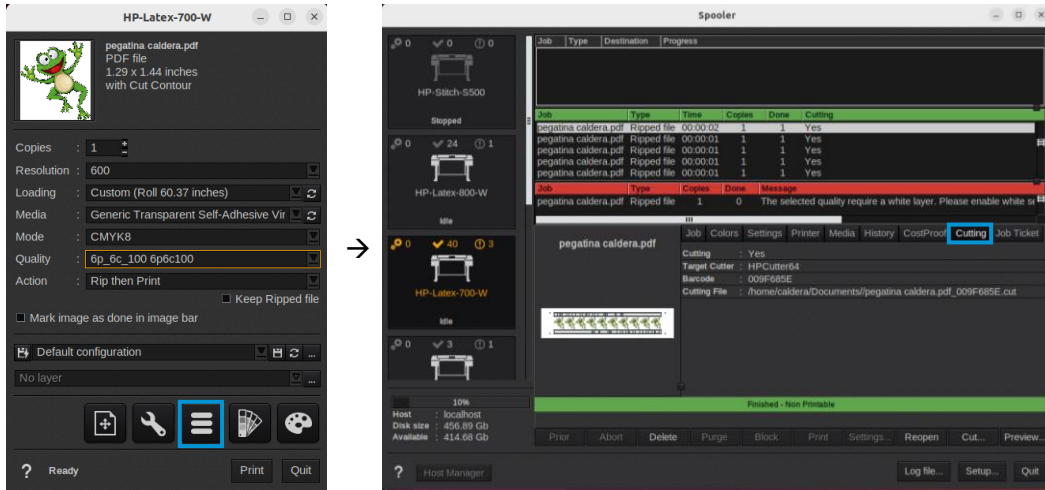
- c. From the Layers drop-down menu, for normal Print & Cut jobs, select Color + White.



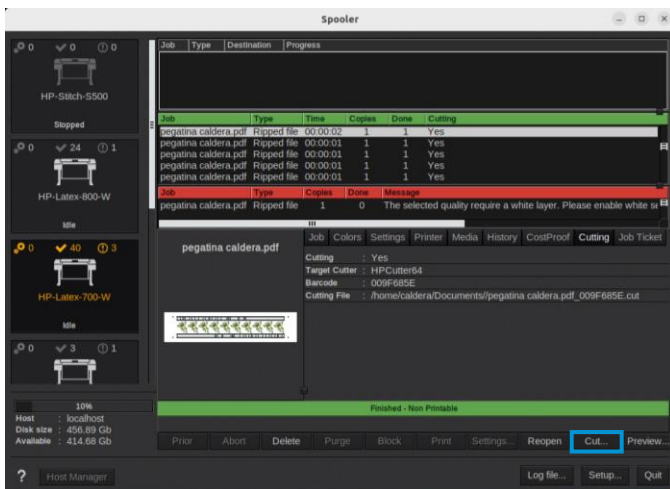
4. To enable white ink printing, go to the White tab, and check the Enable Separation box. Configure the desired white ink settings.
5. Click on Print to send the file to the Spooler. The print job will start to print.

Launching the Cut Process

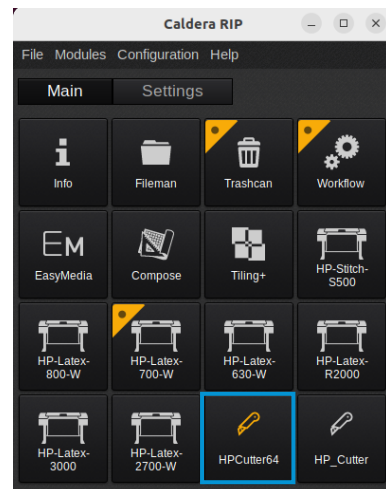
Once all print and cut parameters are correctly set up, you can start the print job by opening the Spooler module. In the Cutting tab, you will find all the relevant information about the cut.



To launch the Visual Cut module from the Spooler, click on the Cut... button or double-click on the cutter icon from the Caldera RIP main menu.



From the Spooler



From the Main Menu

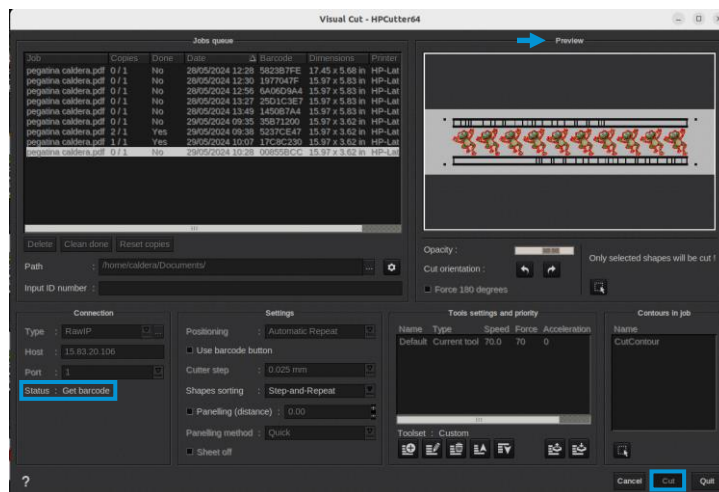
Visual Cut - Sending to Cut

The first step is to connect the cutter to the printer:

1. Navigate to the Connection deck.
2. From the Type drop-down list, select RawIP.
3. Insert the cutter's IP-address in the box next to Host.
4. The Status will change from Connecting to Ready.

Once connected, three main actions are available at the bottom of the window:

5. Cut: Sends the cut file to the cutter:
 - a. Click on Cut when your print job is printed and loaded onto the HP Latex Cutter. The Status will change to Get barcode.
 - b. Go to the HP Latex Cutter and scan the printed barcode. The cutting process will start immediately after scanning.



NOTE: Ensure the printed job is set in the cutter in the same orientation as the Preview. Position the cutting tool so it starts reading the barcode at the bottom right.

6. Cancel: Cancels the action. Note that this will not work if the cut data has already been sent to the cutter and it is currently performing the cut.
7. Quit: Closes the window.

NOTE: For more information regarding print and cut settings, please refer to the VisualCut User Manual. You can download the manual after registering on the website [here](#).
