New HP Cutter firmware md9986_hp_plus_006.8

For HP Latex Print and Cut Plus Solutions

April 2021

Related links:
www.hp.com/go/latex/

Printers related to this article: HP Latex Print and Cut Plus Solutions

The latest firmware build for the HP Cutter Plus is now available to download and install. This new version includes new features and fixes detailed below.

Where to find the latest HP Cutter firmware build

The new version is available in the product support page at hp.com.

HP Latex 54 Basic Plus Cutting Solution

HP Latex 54 Plus Cutting Solution

HP Latex 64 Plus Cutting Solution

Release notes summary

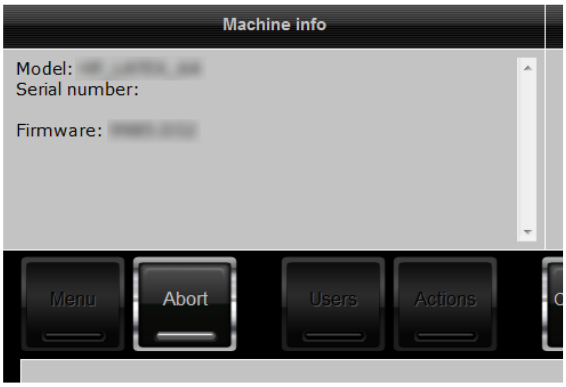
1. Fix for an issue that was causing the cutter front panel to not display the correct pressure and speed when not using the HP Barcode.
2. Improved the reliability of the HP Barcode reading process.
3. Improved accuracy when reading OPOS lines (OPOS XY, OPOS XY2 and OPOS Xtra).
4. Fix for an issue that was impacting cutting accuracy when cutting a job was printed or loaded with skew.
5. Media sensor calibration is now available under Settings > Calibrations > Media sensor setup.
6. Fix for the functionality that automatically advances the media a set distance (set from the RIP) after the end of the job.
7. New workflow that allows changing OPOS origin to line to allow placing the right pinch roller outside of the right OPOS mark when using special medias (only printers with white ink).
8. Removed the option to change the alignment mode in the cutter front panel.
9. Fixed an issue that was causing the barcode server in Onyx RIP to not work properly.

How to install the firmware

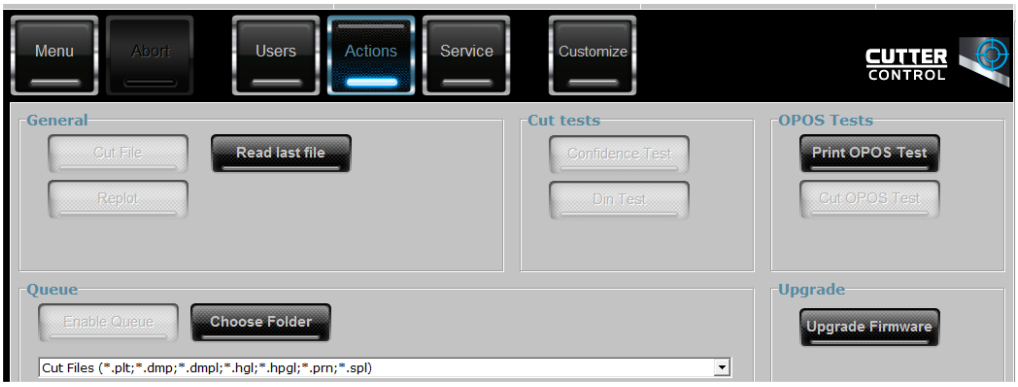
Follow these steps to install the firmware in your HP Latex Cutter Plus:

1. Run HP Cutter Control.

2. In HP Cutter Control, search for the cutter. The application searches the LAN by default; if that fails, you can connect by USB cable. The cutter's details should appear in the Machine Info screen.



3. Click **Actions** > **Upgrade firmware**.



4. Browse to the firmware file downloaded from hp.com.

5. Restart the cutter.

Details of fixes and enhancements

1. Fix for an issue that was causing the cutter front panel to not display the correct pressure and speed when not using the HP Barcode.

2. Improved the reliability of the HP Barcode reading process.

3. Improved accuracy when reading OPOS lines (OPOS XY, OPOS XY2 and OPOS Xtra).

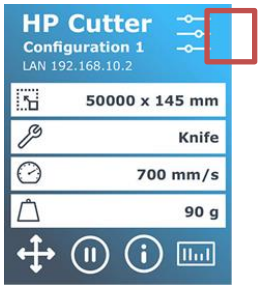
4. Fix for an issue that was impacting cutting accuracy when cutting a job that was printed or loaded with skew.

5. Media sensor calibration is now available under Settings > Calibrations > Media sensor setup.

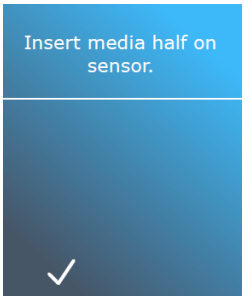
    - Depending on the color of the backing of the media loaded in the machine, the sensitivity of the media sensor may need to be adjusted, to be able to detect the presence of the media. The media sensitivity setting is stored per user configuration. It is best to choose a user configuration, then calibrate the media sensor for this kind of media.

      To perform the Media sensor calibration:

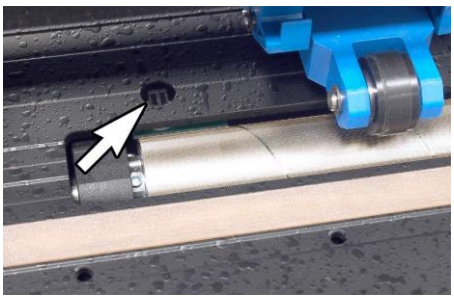
        - Power on the cutter.
        - Click the  button:

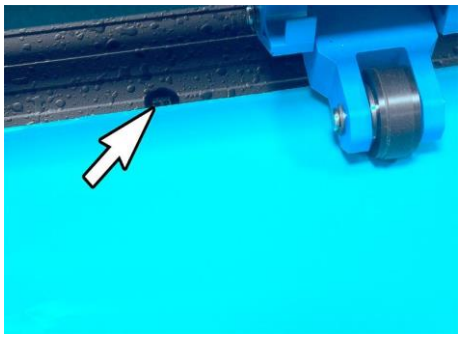


        - Scroll through the menu and tap **Calibrations ► Media sensor setup**.
        - Press **Measure**; a message urging the user to place the media on the sensor will appear on screen.



        - Load a piece of media from the front of the machine halfway on the sensor and under the two outermost pinch rollers. Then, lower the pinch rollers (the pinch rollers need to be positioned over the grid rollers).

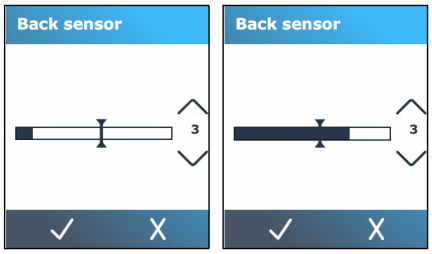




- Tap ✓ to continue.

  The media starts moving forward and backward by 1 cm approximately. Use this movement to cover/uncover the sensor and check the functioning.

  The display alternates between the reflection value of the sensor when it is covered and when it is not covered.



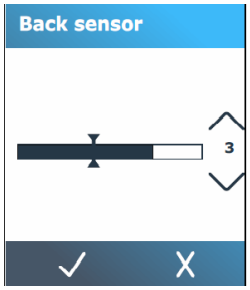
- Use the up and down arrows to change the sensitivity.

  The sensitivity can be changed from 0 (high sensitivity) to 4 (low sensitivity). The sensitivity is correctly set when if the sensor is covered and the bar graph is almost completely filled; when the sensor is uncovered, then the bar graph is (almost) completely empty.

  NOTE: The default value for the sensitivity is 3.

- Slide the I to set the trigger level.

Ideally, the trigger level is set halfway along the bar in the graph between when the sensor was covered and when the sensor was uncovered.



- Press ✓ to confirm the calibration.

NOTE: In some cases, when using transparent substrates or dark colored substrates, the cutter might not be able to detect the media loaded. In these cases, disable the media sensor and the loading procedure will start right after lowering the pinchwheels. When disabling the media sensor, the cutter advances the media a preset a set distance during the loading process. This preload length is equal to the media width plus 200 mm (with a maximum of 750 mm).

6. Fix for the functionality that automatically advances the media a set distance (this is set from the RIP) after the end of the job.

    - It is possible to automatically advance the media in the cutter a set distance after the end of the job. This functionality allows continuous cutting of consecutive jobs when using special medias (the ones that require a white ink frame to be added to the HP Barcode). To properly set this distance, it is best to measure the distance from the last right OPOS mark of one job to the first mark on the following one. To control this option from Production Manager, it is also required to update the HP Flexi Print & Cut to the latest version (minimum version 3501).

7. New workflow that allows changing OPOS origin to line to allow placing the right pinch roller outside of the right OPOS mark when using special medias (only printers with white ink).

    - New workflow allows for more tolerance when loading special medias and reading the barcode. The right pinch roller does not need to be placed inside the white printed area.

8. Removed the option to change the alignment mode in the cutter front panel.

    - The option to change the alignment mode is no longer available in the cutter front panel. The cutter will use the information in the cutting job sent by the RIP to control the alignment mode of the job.

9. Fixed an issue that was causing the barcode server in Onyx RIP to not work properly.