# Firmware PLS_20_21_10.10 is available

## For HP Latex 700/800 Printer Series

February 2021

A new firmware version is now available to download and install for the HP Latex 700/800 Printer series. This firmware includes a range of new features and fixes. HP strongly recommends installing firmware version PLS_20_21_10.10 for all units as it includes significant improvements.

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

Printers related to this article
HP Latex 700/800 Printer Series

## Where to find firmware PLS_20_21_10.10

### Web

http://www8.hp.com/us/en/drivers.html

Find your product -> Select your OS -> Download the *.fmw file -> Install it via USB or EWS.

### Online

About Printer -> Check Updates -> Check Now.

# Summary of changes

Here are the improvements achieved with the firmware version PLS_20_21_10.10:

1. New white ink modes

2. New Color calibration alerts

3. New Warmup button on the front panel to increase productivity

4. New advanced settings

5. New message informing you about the white recirculation status for the HP Latex 700W

6. Now you can change the number of copies in the job queue

7. Added recommendation on how to maintain white printheads in case of turning off the printer
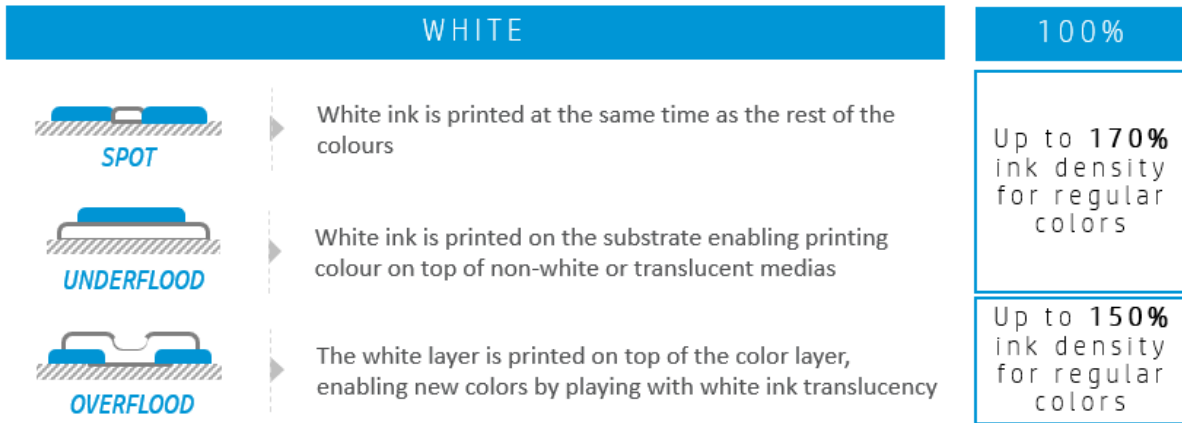
8. Reduced start up time.

# New white ink modes

## Changes

New printmodes have been implemented:

- New opacity: 260%
- New mode unlocking new applications: '5Layers Sandwich' printmode
- Higher color ink density for W100% printmode

## Details

| WHITE | | | 60% | 100% | 160% | 260% |
|---|---|---|---|---|---|---|
| SPOT | | White ink is printed at the same time as the rest of the colours | | | | New! |
| UNDERFLOOD | | White ink is printed on the substrate enabling printing colour on top of non-white or translucent medias | | | | New! |
| OVERFLOOD | | The white layer is printed on top of the color layer, enabling new colors by playing with white ink translucency | | | | New! |
| SANDWICH 3 Layer | | The white layer is between two colour layers, to enable day and night applications | New! | | | |
| SANDWICH 5 Layer | | There is a black layer between two white and colour layers, designed for blackout applications | | | | New! |

| WHITE | | 100% |
|---|---|---|



**SPOT** → White ink is printed at the same time as the rest of the colours

**UNDERFLOOD** → White ink is printed on the substrate enabling printing colour on top of non-white or translucent medias

**OVERFLOOD** → The white layer is printed on top of the color layer, enabling new colors by playing with white ink translucency

Up to **170%** ink density for regular colors

Up to **150%** ink density for regular colors

*Clarification: previous maximum ink density was 120% in both cases*

Print modes highlighted in blue are the new ones coming with the firmware

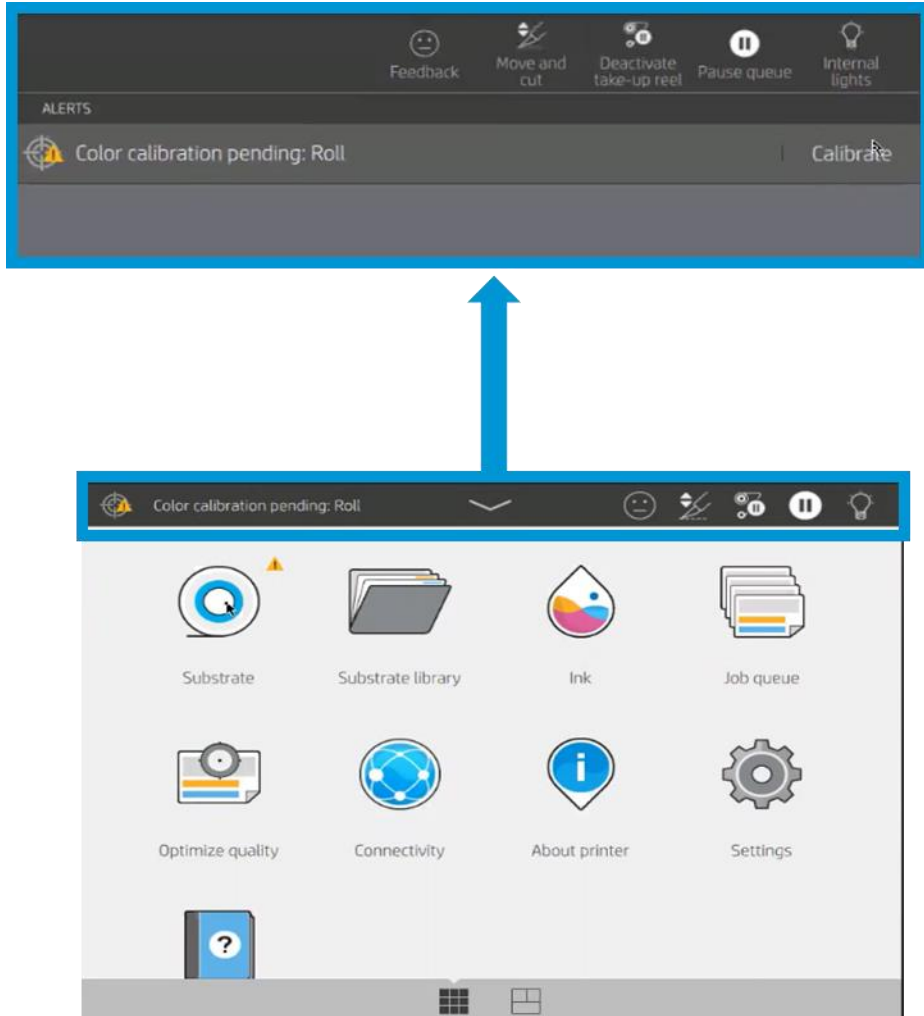| | | | | | |
|---|---|---|---|---|---|
| Generic SAV | White 60% | SP, UF, OF, SW3L | Generic Coated Paper | White 100% | SP, UF |
| | White 100% | SP, UF, OF | | White 160% | SP, UF |
| | White 160% | SP, UF, OF, SW3L | Generic Wallcover Non-Woven | White 100% | SP, UF |
| | White 260% | SP, UF, OF, SW3L, SW5L | | White 160% | SP, UF |
| Generic SAV Transparent | White 60% | SP, UF, OF | Generic PET film | White 60% | SP, UF, OF, SW3L |
| | White 100% | SP, UF, OF | | White 100% | SP, UF, OF |
| | White 160% | SP, UF, OF, SW3L | | White 160% | SP, UF, OF, SW3L |
| Generic Cast SAV | White 100% | SP, UF, OF | | White 260% | SP, UF, OF, SW5L |
| | White 160% | SP, UF, OF, SW3L | Generic Canvas | White 100% | SP, UF |
| | | | | White 160% | SP, UF |

## New Color calibration alerts

### Changes

There is a new alert in the front panel that informs you whenever a Color calibration is recommended.

### Details

This new option enables the operator to know, in the fastest way, when to perform a Color calibration, helping to keeping colors consistent.
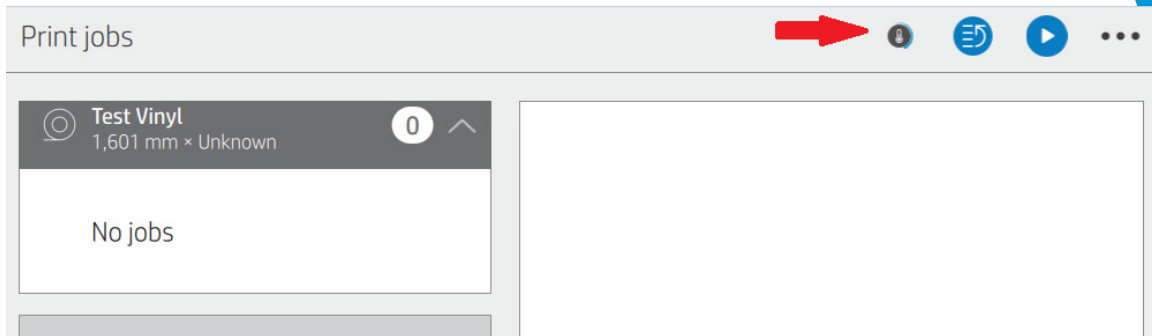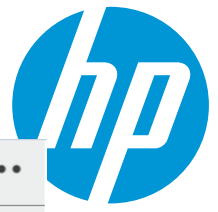
## New Warmup button on the front panel to increase productivity

### Changes

The productivity of the printer's warmup time can be increased by launching the Warmup process when you know that you are going to print soon.

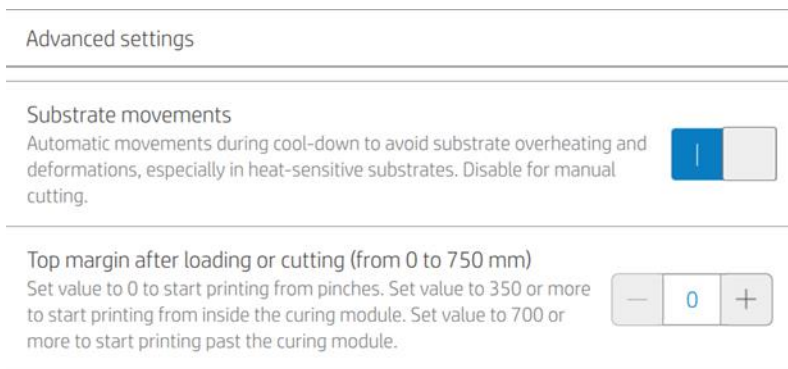By pressing this button in the front panel, the operator can save up to 2 min.

The Warmup button is available in the printer queue and is only functional if the substrate is properly loaded.

## New advance settings

### Changes

This firmware includes two new advance settings inside substrate print modes:



## New message informing you about the white recirculation status for the HP Latex 700W

### Changes

This message is now shown as "Recirculation in progress," to be clearer to the operator:



This message means that the white ink is in the Ink Mix Container. The operator can still launch jobs and the process will be paused during printing.

# Change number of copies in the job queue

## Changes

With this firmware, the operator will be able to change the number of copies of a job when jobs are 'Waiting to Print' in the queue.

# Added recommendation on how to maintain white printheads in case of turning off the printer

## Details

When turning off the printer, the front panel now shows three different options: Sleep mode, Turn off or Cancel, with a recommendation: "To preserve white ink conditions, the recommended option is: Sleep."

Furthermore, in case of selecting "Sleep mode" the printer guides the operator through the necessary preservation actions before going into it.

# Reduced startup time

The time it takes for the printer to start up has been reduced.