

HP Latex Print and Cut Plus Solutions



TECHNICAL NEWSLETTERS FROM CUSTOMER ASSURANCE

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Region: WW

Support Area: Product

Audience: Support

Confidentiality: HP Restricted (Service) – HP Workforce + Channel Partners

Introduction of the HP Latex Print and Cut Plus Solutions

Overview

HP is introducing an **updated Latex Print and Cut Portfolio** with new RIP software and completely new contour cutters. HP Print and Cut Plus Solution enables print jobs to be identified and cut with precision using an enhanced Optical Position System.



IMPORTANT: The latest firmware must be installed when setting up the HP Latex Plus Cutting solution.



New Print and Cut Plus Portfolio

The HP Latex Print and Cut Plus Portfolio includes the following products:

| Type | Product Number | Product Name | In the Box |
|-----------------------|----------------|---|--|
| Print & Cut Solutions | 9TL94A | HP Latex 335 Print and Cut Plus Solution | HP Latex 335 Printer HP Latex 64 Plus Cutter HP FlexiPRINT and CUT RIP V21 |
| | 9TL95A | HP Latex 315 Print and Cut Plus Solution | HP Latex 315 Printer HP Latex 54 Plus Cutter HP FlexiPRINT and CUT RIP V21 |
| | 9TL96A | HP Latex 115 Print and Cut Plus Solution* | HP Latex 115 Printer HP Latex 54 Basic Plus Cutter HP FlexiPRINT and CUT RIP V21 |
| Cutting Solutions | 9TL91A | HP Latex 64 Plus Cutting Solution | HP Latex 64 Plus Cutter HP FlexiPRINT and CUT RIP V21 |
| | 9TL92A | HP Latex 54 Plus Cutting Solution | HP Latex 54 Plus Cutter HP FlexiPRINT and CUT RIP V21 |
| | 9TL93A | HP Latex 54 Basic Plus Cutting Solution* | HP Latex 54 Basic Plus Cutter HP FlexiPRINT and CUT RIP V21 |

* Only available in some regions.

Accessories

The optional accessories for the new Print and Cut Plus Solution are:

| Product Number | Description |
|----------------|------------------------------|
| 1UP44A | HP Latex Standard Blade Kit |
| 1UP45A | HP Latex Specialty Blade Kit |

What's new in the HP Print and Cut Plus Solution?

Updated features include **new Optical Position System (OPOS) configurations** to optimize cutting accuracy, a **new HP Barcode** that provides more robust job identification, and **downforce up to 600 gr** to apply more pressure when cutting thick substrates (*only HP Latex 64 Plus and 54 Plus Cutters, downforce in the HP Latex 54 Basic Plus Cutter is up to 400 gr.*)



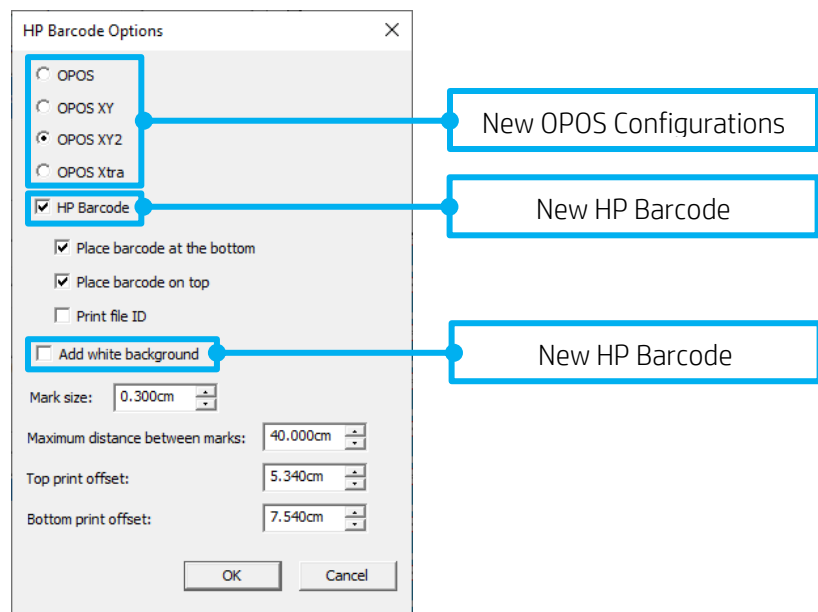
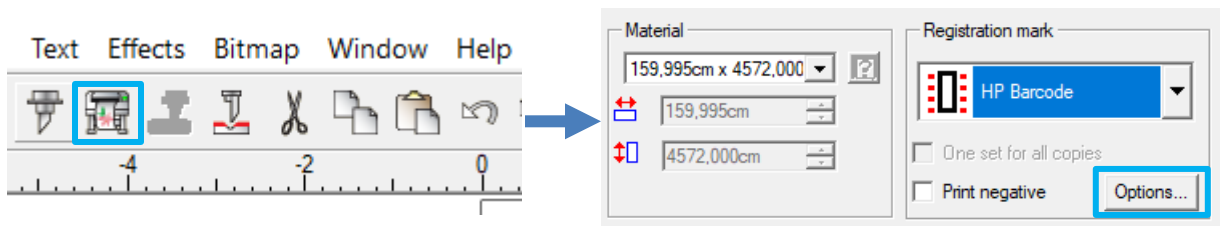
The completely **new cutter design** includes a highly responsive and colored **touch screen** for more elegant and intuitive operation. Meanwhile, the **blade**, located on the right-hand side, is more accessible and increases the visibility of jobs being cut. The **media basket** also features a refined design and now has a smaller footprint when folded, enabling businesses to make better use of space.



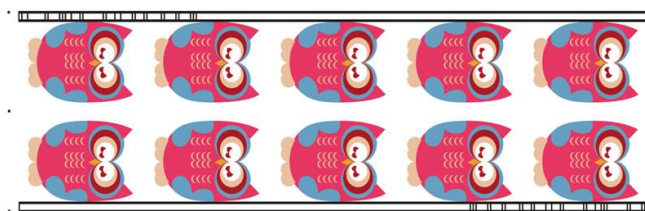
The new HP Latex Cutting Plus Solutions are fully **compatible with the HP Latex 700 and 800 Series Printers** (*HP Latex 700 and 700W Printers can be directly connected while HP Latex 800 and 800 W Printers require a RIP upgrade.*) Equipped with the latest Raster Image Processor (RIP) software and completely new contour cutters, the devices allow for improved usability - making jobs easier and more intuitive than ever for signage and decorative printed applications.

New features in HP FlexiPRINT and CUT 2021 Edition

The new functionalities described above can be accessed through the **HP Barcode options** in the HP FlexiPRINT and CUT RIP. This window can be accessed when configuring **Job Properties** for a print and cut job.



- **New HP Barcode:** The HP Barcode has been redesigned for a more robust job identification.



- **New OPOS configurations:** HP Flexi Print and Cut offers a new set of compensation methods to optimize cutting accuracy when needed.
 - OPOS: A row of marks is printed on the left and right sides of the graphic. Use it when there's no deformation of the print.
 - OPOS XY: Registration marks and a horizontal line are printed for deformation correction. The OPOS sensor reads the bottom line to correct the deformation. Use it when there's a uniform deformation in one direction (known as bow deformation.)
 - OPOS XY2: Registration marks and two horizontal lines are printed for deformation correction. The OPOS sensor reads both lines to correct the deformation. Use it when there's a uniform deformation in two directions (known as bow deformation.)
 - OPOS Xtra: Registration marks and multiple horizontal lines are printed for deformation correction. Use it when there's an irregular deformation of the print.

- **Support for “special substrates”**, including colored self-adhesive vinyls, transparent vinyls self-adhesive with transparent liner, and metallized vinyls self-adhesive. When using a printer with white ink, the cutter can now support some “special substrates.” The RIP can add a white frame to the HP barcode and to the OPOS marks to provide high contrast for the cutter OPOS sensor to read.

Installation

- **Installation** of the new HP Print and Cut Solutions is done by **HP authorized resellers**.
 - *Only in some specific locations like North America, the customer will be able to install the HP Latex 115 Print and Cut Plus Solution.*
- A **firmware upgrade is mandatory** when installing the HP Latex Plus Cutting Solution.
- After the installation, **you must complete the End-of-Installation registration**. This should be done by the reseller for all installed products.
 - For customer installations, the End-of-Installation must be carried out by the customer



IMPORTANT: The Printer and Cutter warranty will only be activated if the End-of-Installation is carried out.

How to update the firmware

The **firmware** for the HP Latex Plus Cutting Solution can be downloaded from:

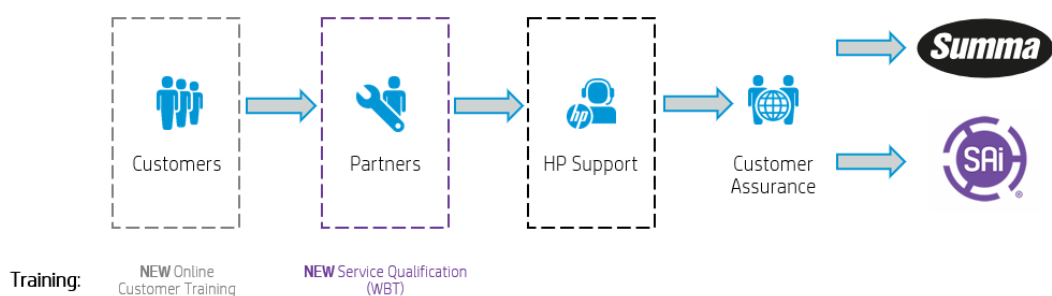
- <https://www.hp.com/go/latexpluscuttingsolution/firmware>

To install the firmware:

- Download the firmware file named MD-9986_hp_plus_xxx.fmw and the **HP Cutter Control** software from the link above.
- Launch the **HP Cutter Control** application and go to **Actions > Upgrade firmware**.
- Send the previously downloaded firmware file to the cutter.
- Reboot the cutter.

Support model

Customers will have **one unique support contact** for the Printer, the Cutter, and RIP Software. This contact will be an authorized service partner or HP, depending on the location.



Online training for end customers

A **new online training** is available on Learn with HP. The HP Latex Print and Cut Plus Solution training describes the print and cut workflow, teaches how to calibrate the cutter, and provides knowledge related to troubleshooting and maintenance. This training:

- Should be used by the Reseller as a guide for customer training after installation.
- Can be used by the operator as a reference guide in the future.
- Can also be used as a self-training tool for new operators.

The training can be accessed at:

- <https://hpllatexknowledgecenter.com/blog/hp-latex-print-and-cut-plus-training>

Customer documentation and videos

Visit the **HP Latex Knowledge Center** at <http://www.hp.com/communities/HPLatex> to find detailed information about our HP Latex products and applications. Use the forum to discuss anything related to the business.

Product documentation:

- <http://www.hp.com/go/latex115plusprintandcutter/manuals>
- <http://www.hp.com/go/latex315plusprintandcutter/manuals>
- <http://www.hp.com/go/latex335plusprintandcutter/manuals>

Videos about how to use the cutter:

- <http://www.hp.com/supportvideos/>
- <http://www.youtube.com/HPSupportAdvanced>

HP Support:

- <http://www.hp.com/go/latex115plusprintandcutter/support>
- <http://www.hp.com/go/latex315plusprintandcutter/support>
- <http://www.hp.com/go/latex335plusprintandcutter/support>

Service qualification

Due to differences in hardware and software in the HP Latex Cutting solution, new service qualifications are required for installation and service engineers.

The service qualification required to install the HP Latex Print and Cut Plus Solutions is:

- **HP Latex Print & Cut Plus Series Solutions Qualification (2:1)** - SQ ID: SLTCPCPlus2in1
 - HP Latex Print and Cut Plus Solutions - Install, Use, Service and Repair (WBT ID: 0001097266)
 - HP Latex Print and Cut Plus Solutions - Install, Use, Service and Repair (WBT ID: 0001097266)

The service qualification required to service and repair the HP Latex Print and Cut Plus Solutions is:

- **HP Latex Print & Cut Plus Solutions Service Qualification (3:1)** – SQ ID: SLTCPCPlus2in1

- HP Latex Print and Cut Plus Solutions - Install and Use (WBT ID: 0001097267)
- HP Latex Print and Cut Plus Solutions - Install and Use Quiz (WBT ID: 0001097282)

Service documentation and videos

A new **Service Manual** for the HP Latex Plus Cutters is available on MyKnowledge. You can access MyKnowledge through the PrintOS application or via the following link <https://myknowledge.hpcloud.hp.com/>.

Parts replacement videos will be available on MyKnowledge in the following months.

For any additional help or clarification, please contact the next level of your technical support team.