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HP Latex Plus Cutter

Introductory Information

What is it?

This is a drag-knife contour cutter designed for cutting flexible substrates accurately. Some major features are:

- Optical Positioning System (OPOS X, XY, XY2, Xtra) and HP Barcode System for precise and unattended cutting
- Different types of cutting, with the ability to cut completely through some substrates
- Ethernet (LAN) and USB connectivity
- Substrate basket included

This introductory document includes legal notices and safety instructions, describes the use of the front panel, lists error codes that you may encounter, and gives cutter specifications.

Where is the user guide?

The user guide for your cutter can be downloaded from:

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

Further information is available from:

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

Videos and more information about how to use the cutter can be found in:

- <http://www.hp.com/support/videos>
- <http://www.youtube.com/HPSupportAdvanced>
- <http://www.hp.com/go/latex115plusprintandcutter/training>
- <http://www.hp.com/go/latex300plusprintandcutter/training>

Visit the HP Latex Center at <https://hplatexknowledgecenter.com/> to find detailed information about HP Latex products and applications, and use the forum to discuss anything business related.

Legal notices

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You can download the expressly provided HP Limited Warranty and Legal Information applicable to your product from <http://www.hp.com/go/latex115plusprintandcutter/manuals>, <http://www.hp.com/go/latex315plusprintandcutter/manuals>, or <http://www.hp.com/go/latex335plusprintandcutter/manuals>. For some countries or regions a printed HP Limited Warranty is provided in the box. In countries or regions where the warranty is not provided in printed format, you may request a printed copy from <http://www.hp.com/go/orderdocuments>.

Safety precautions

Before using your cutter, read the following safety precautions and operating instructions to make sure you use it safely.

General safety guidelines

There are no operator-serviceable parts inside the cutter except those covered by HP's Customer Self Repair program: see <http://www.hp.com/go/selfrepair/>. Refer servicing of other parts to qualified service personnel.

This equipment is not suitable for use in locations where children are likely to be present.

Turn off the cutter and call your service representative in any of the following cases:

- The power cord or plug is damaged.
- The cutter has been damaged by an impact.
- There is any mechanical or enclosure damage.
- Liquid has entered the cutter.
- There is smoke or an unusual smell coming from the cutter.
- The cutter has been dropped.
- The cutter is not operating normally.

Turn off the cutter in either of the following cases:

- During a thunderstorm
- During a power failure

Ventilation measures for your location, whether office, copy room, or printer room, should meet local environmental health and safety (EHS) guidelines and regulations.

Take special care with zones marked with warning labels.

Electrical shock hazard



WARNING! The internal circuits of built-in power supplies and power inlet operate at hazardous voltages capable of causing death or serious personal injury.

The cutter uses one power cord. Unplug the power cord before servicing the cutter.

To avoid the risk of electric shock:

- The cutter must be connected to earthed mains outlets only.
- Do not remove or open any other closed system covers or plugs.
- Do not insert objects through slots in the cutter.
- Take care not trip over the cables when walking behind the cutter.
- Insert the power cord securely and completely into the wall socket and cutter inlet.
- Never handle the power cord with wet hands.

Fire hazard

To avoid the risk of fire, take the following precautions.

- The customer is responsible for meeting the cutter requirements and the Electrical Code requirements according to the local jurisdiction of the country where the equipment is installed. Use the power supply voltage specified on the nameplate .
- Connect the power cord to a line, protected by a branch circuit breaker according to the information in the site preparation guide. Do not use a power strip (relocatable power tap) to connect the power cord.
- Use only the power cords supplied by HP with the cutter. Do not use a damaged power cord. Do not use the power cords with other products.
- Do not insert objects through slots in the cutter.
- Take care not to spill liquid on the cutter. After cleaning, make sure all components are dry before using the cutter again.
- Do not use aerosol products that contain flammable gases inside or around the cutter. Do not operate the cutter in an explosive atmosphere.
- Do not block or cover the openings of the cutter.

Mechanical hazard

The cutter has moving parts that could cause injury. To avoid personal injury, take the following precautions when working close to the cutter.

- Keep your clothing and all parts of your body away from moving parts.
- Avoid wearing necklaces, bracelets, and other hanging objects.
- If your hair is long, try to secure it so that it will not fall into the cutter.
- Take care that sleeves or gloves do not get caught in moving parts.
- Do not touch gears or moving rolls during printing.
- Do not operate the cutter with covers bypassed.

Light radiation hazard

Light radiation is emitted from the led status indicators and display panel. This illumination is in compliance with the requirements of the exempt group of IEC 62471:2006: Photobiological safety of lamps and lamp systems. However, you are recommended not to look directly at the LEDs while they are on. Do not modify the module.

Heavy substrate hazard

Special care must be taken to avoid personal injury when handling heavy substrates.

- Handling heavy substrate rolls may require more than one person. Care must be taken to avoid back strain and/or injury.
- Consider using a forklift, pallet truck, or other handling equipment.
- When handling heavy substrate HDPE rolls, wear personal protective equipment including boots and gloves.

Front panel

The front panel is located on the front right of the cutter. It gives you complete control of your cutter: from the front panel, you can view information about the cutter, change cutting settings, perform calibrations and tests, and so on. The front panel also displays alerts (warning and error messages) when necessary.



Icons

	Menu		HP Barcode reading
	Move to the left / Go to previous item		Move up / Increase value
	Move to the right / Go to next item		Move down / Decrease value
	Cancel the current process		Start / Pause

Front-panel error codes

Under certain circumstances, a numeric error code appears on the front panel. Follow the advice in the Recommendation column to resolve the error. If the recommendation does not seem to solve the problem, call your service representative.

If an error code appears on the front panel that is not included in this list, turn off the cutter and then turn it back on. If the problem persists, call your service representative.

Error code	Recommendation
7.1 X-axis error! Overflow or Overcurrent!	Cause: The drum motor cannot move to the required position. Action: 1. Remove the crashed substrate and restart the machine. 2. Lower the substrate speed. 3. Check whether the drive drum turns smoothly (first turn the power off and place the cam rollers in the up-position). 4. If problems continue, call your HP representative.
7.2 Y-axis error! Overflow or Overcurrent!	Cause: The motor driving the machine head cannot move to the required position. Action: 1. Remove the crashed substrate and restart the machine. 2. Lower the speed and/or the knife pressure. 3. Check whether the head moves smoothly (first turn the power off and position the cam rollers on the outer edges of the substrate). 4. If problems continue, call your HP representative.
7.3 OPOS sensing errors	Cause: OPOS does not sense markers, or senses values with which it cannot work. Action: 1. Check the OPOS parameters and compare them to the printout. Set correct parameters. 2. Check whether there is dust on the sensor tip. 3. Set substrate calibration OPOS to default and run the OPOS test found on the manual CD. 4. Check the connection cable which runs from the head to the PCB. 5. Check the machine with another head (OPOS). 6. Check reflection values with OPOS monitor. 7. Check the flat cable going from the head to the PCB. 8. If problems continue, call your HP representative.

Power specifications

Specification	HP Latex Plus Cutter Series
AC voltage	100–120 / 200–240 V
Frequency	50/60 Hz
Cutter maximum current	2 A

Environmental specifications

Specification	HP Latex Plus Cutter Series
Operating temperature	15 to 35°C (59 to 95°F)
Relative humidity	35–75%, non-condensing
Storage temperature	–30 to 70°C (–22 to 158°F)

Acoustic specifications

Specification		54"	64"
Sound pressure	Operating mode	55 dB(A)	56 dB(A)
	Idle mode	26 dB(A)	26 dB(A)
Sound power	Operating mode	≤7.1 B(A)	≤7.3 B(A)
	Idle mode	≤4.3 B(A)	≤4.3 B(A)

Physical specifications

Specification	HP Latex 54 Plus Cutter	HP Latex 64 Plus Cutter
Dimensions (w × d × h)	1765 × 704 × 1112 mm (69.49 × 27.72 × 43.78 in)	1960 × 704 × 1112 mm (77.17 × 27.72 × 43.78 in)
Weight	43.5 kg (96 lb)	48 kg (106 lb)

Massicot HP Latex Plus

Informations d'introduction

Qu'est-ce que c'est ?

Ce produit est un massicot équipé d'une lame flottante. Il est conçu pour découper avec précision des substrats flexibles. Les fonctions principales sont les suivantes :

- Système de positionnement optique (OPOS X, XY, XY2, Xtra) et système de code-barres HP pour une découpe précise et sans surveillance
- Différents types de découpe, avec la capacité de couper entièrement certains substrats
- Connectivité Ethernet (LAN) et USB
- Panier pour substrat inclus

Ce document de présentation intègre les mentions légales et les instructions liées à la sécurité, décrit l'utilisation du panneau avant, répertorie les codes d'erreur que vous pourriez rencontrer et donne les spécifications du massicot.

Où se trouve le manuel de l'utilisateur ?

Le manuel de l'utilisateur de votre massicot peut être téléchargé depuis l'adresse suivante :

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

Des informations supplémentaires sont disponibles sur :

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

Des vidéos ainsi que d'autres informations sur l'utilisation du massicot peuvent être disponibles sur :

- <http://www.hp.com/supportvideos>
- <http://www.youtube.com/HPsupportAdvanced>
- <http://www.hp.com/go/latex115plusprintandcutter/training>
- <http://www.hp.com/go/latex300plusprintandcutter/training>

Rendez-vous sur le HP Latex Center à l'adresse : <https://hplatexknowledgecenter.com/>, pour obtenir des informations détaillées sur les applications et produits HP Latex et utilisez le forum pour discuter de tout sujet professionnel lié.

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/216103221243010210>