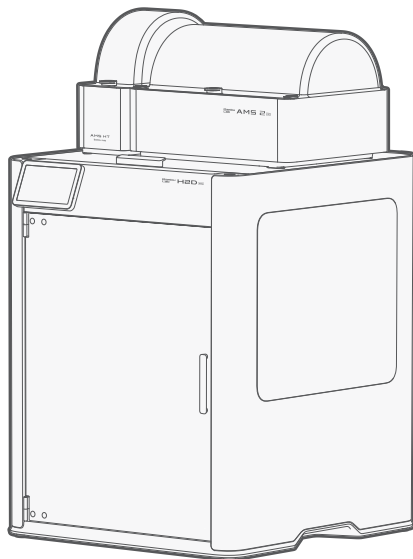


# Bambu Lab H2D Pro Combo

## Quick Start Guide

Please review the entire guide before using the product.

- Safety notice: 1. Do not connect to power until the assembly is complete.  
2. Two or more people are needed to carry the printer due to its heavy weight.



PF003-E SA007 SA008





## **Unboxing Guide**

Scan the QR code to access our online guides for detailed on how to unbox, assemble, set up the printer and start your first print.

[bambulab.com/support/unboxing](https://bambulab.com/support/unboxing)



## **Download Bambu Handy and Bambu Studio**

Scan the QR code to download Bambu Handy, or visit the link below to download Bambu Studio. You can remotely control your printer and monitor your prints in real time on both your phone or computer.

[bambulab.com/download](https://bambulab.com/download)



## **Explore more cool models**

Scan the QR code to visit MakerWorld, our models community, where you can find a variety of free models, and quickly bring your ideas to life using the creativity tools in MakerLab and accessories in Maker's Supply.

[makerworld.com](https://makerworld.com)



## **Get help**

Scan the QR code to visit our support center, contact technical support, and access more useful tutorials.

[bambulab.com/support](https://bambulab.com/support)

## Read before use

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To ensure safety and optimal performance, please follow these guidelines:

- Verify that the printer's operating voltage matches the specified requirements to avoid damage or safety hazards. This can be checked on the label next to the power socket. Refer to the "Specifications" section for details.
- Regular maintenance is essential to keep the printer's complex mechanisms running smoothly. For guidance, see the "Regular Maintenance" section.
- Please use the right hotend to print TPU, and left hotend to print PPS/PPA-CF. For other types of filament, there are no such restrictions. We recommend that you check our Wiki for more information and get a better printing experience.
- The printer automatically switches hotends; please avoid manually switching them to prevent potential damage.
- For best results, we recommend using Bambu filaments, which have been rigorously tested for compatibility, safety, and stability with the AMS 2 Pro and AMS HT.
- To prevent the filament getting stuck, do not print flexible filaments such as TPU with a hardness level that is or below 95A or damp PVA or BVOH with the feeder unit filament inlet of the AMS 2 Pro and AMS HT.
- The AMS 2 Pro and AMS HT support a spool width between 50 mm to 68 mm and a diameter between 197 mm to 202 mm. We recommend using plastic spools. If filaments

## Read before use

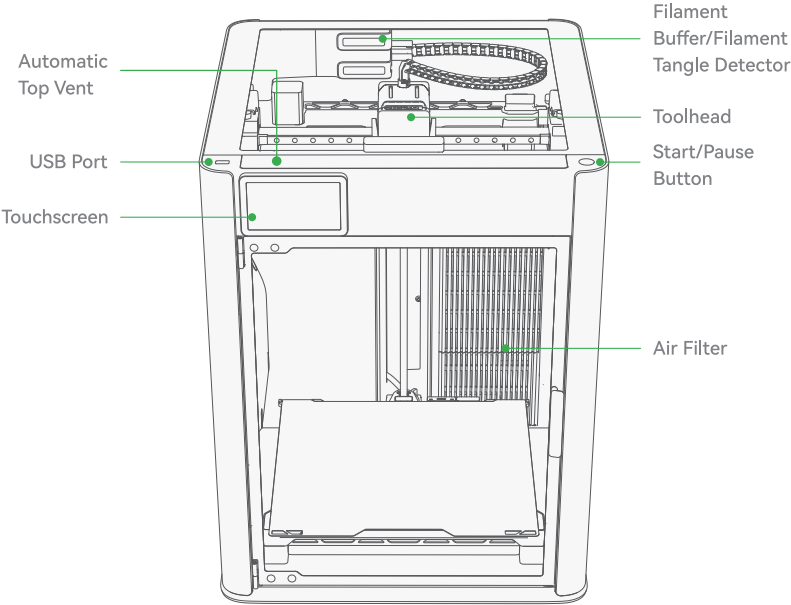
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with cardboard spools are used, it is recommended to pair them with a spool adapter to reduce roll slipping and debris.

- You can use the drying function of the AMS 2 Pro using only a 6-pin cable to connect it to an H2 series printer. If you need to dry filaments in multiple AMS 2 Pro units, you need to purchase official Bambu Lab power adapters to power the drying function of the other AMS 2 Pro units. If using X1 or P1 series printers with one or more AMS 2 Pro units, each unit will require an official Bambu Lab power adapter to power the drying function.
- If you need to use the drying function of the AMS HT, you must connect the provided power cord to it.
- During the filament drying process, the AMS 2 Pro and AMS HT remove moisture through external air circulation via the air inlets. Please ensure the air intake and vent are not blocked, to ensure optimum drying efficiency.

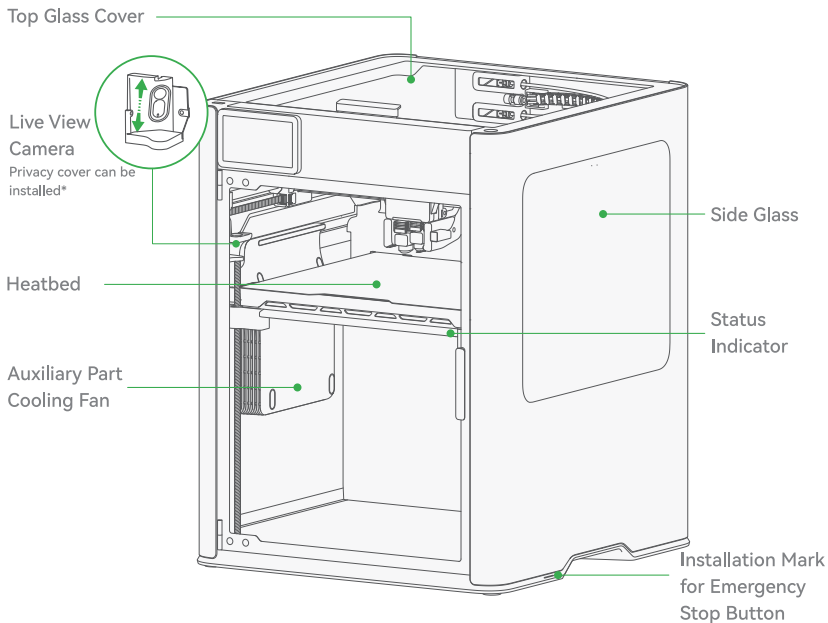
# Printer component introduction

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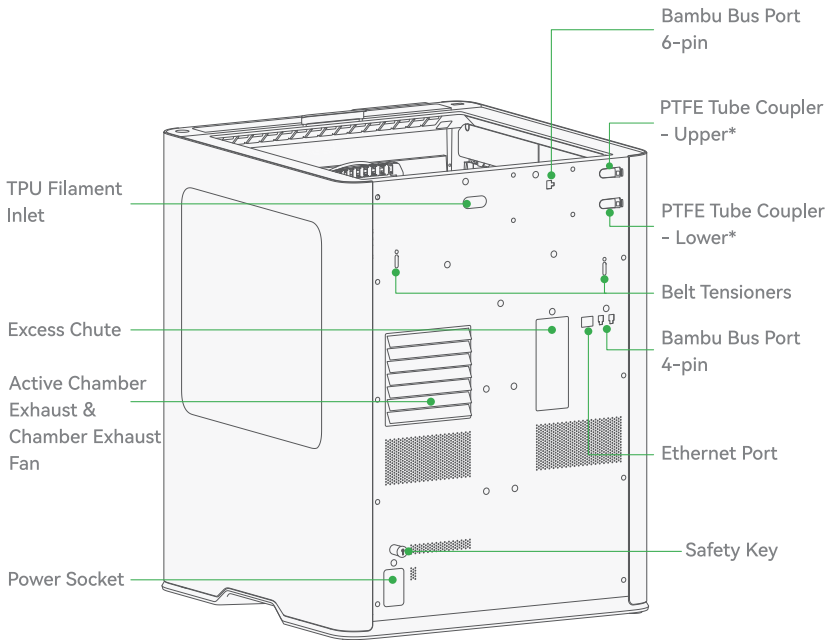
## Printer component introduction

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\* The privacy cover is in the accessory box. You can install it magnetically on the live view camera.

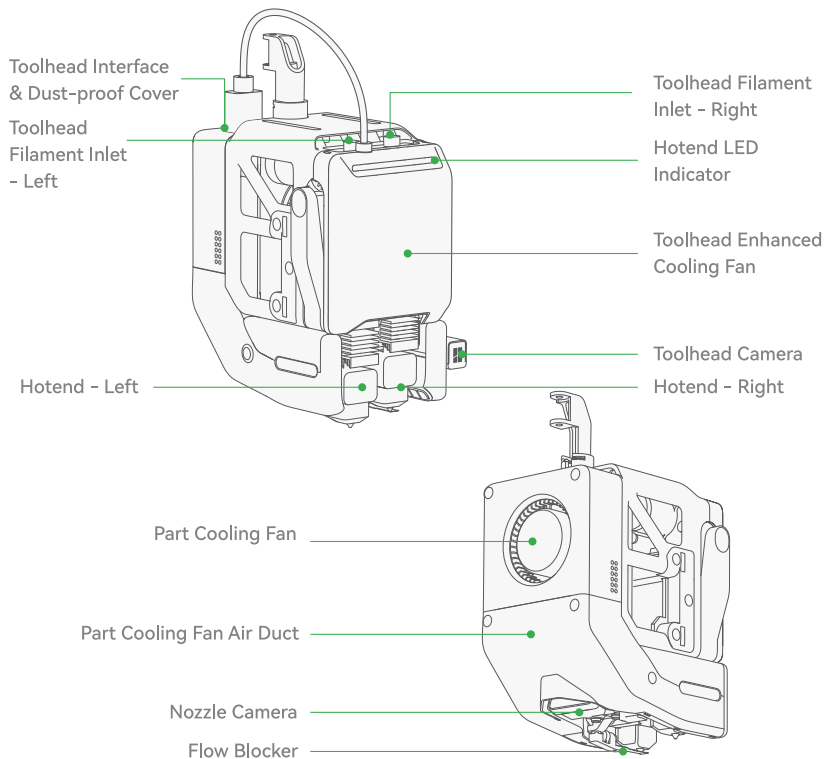
## Printer component introduction



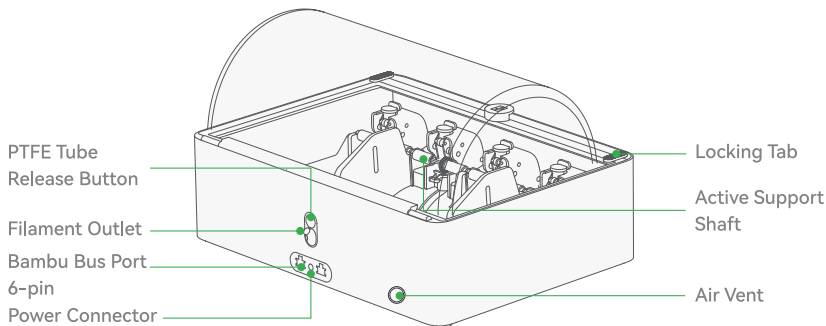
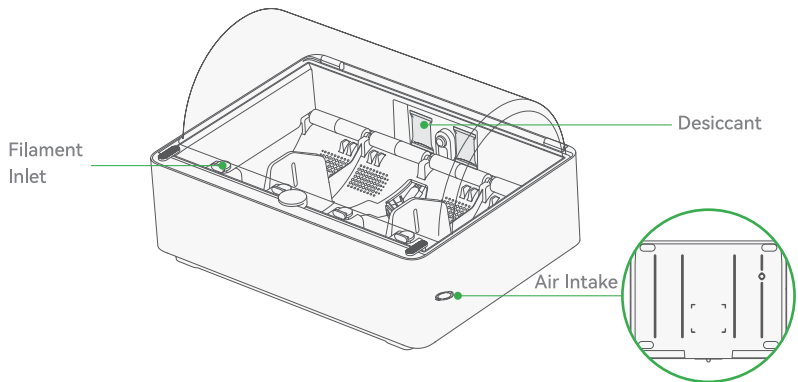
\* The upper and lower PTFE tube couplers correspond to different hotends. Connecting the AMS 2 Pro to the **upper coupler** allows the **right hotend** to print in multiple colors. Connecting it to the **lower coupler** allows multi-color printing with the **left hotend**. Using **two AMS 2 Pro units** allows both hotends to support multi-color printing independently.

## Toolhead component introduction

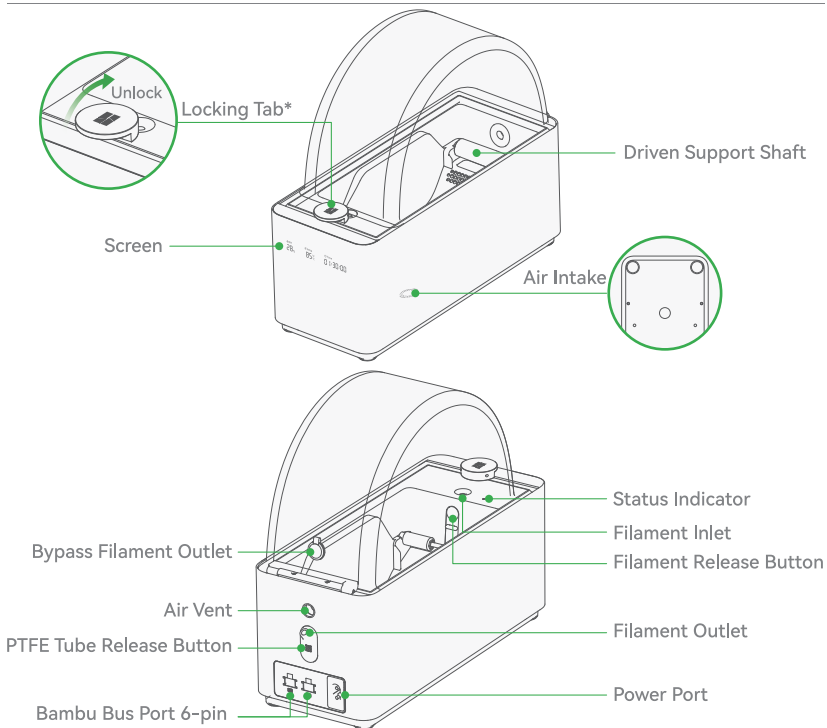
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## AMS 2 Pro component introduction



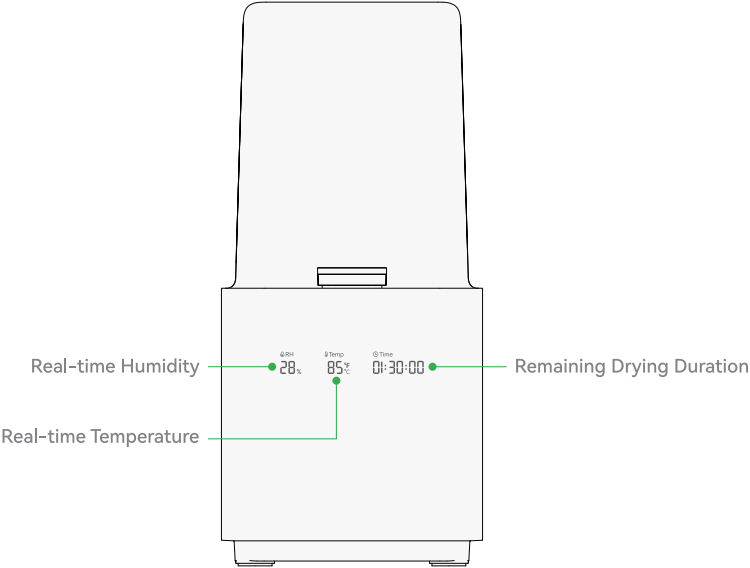
## AMS HT component introduction



\* AMS HT can detect if the top lid is closed. If it is not closed when starting drying, the printer screen will display a message.

# AMS HT component introduction

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## Included accessories

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Emergency Stop Button  
(Pre-installed with  
Safety Key)



Spool Holder



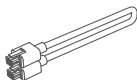
Printer Power Cord



AMS HT  
Power Cord



AMS 2 Pro  
Power Cord



Bambu Bus  
Cable 6-pin



Desiccant



PTFE Tube



Allen Key H1.5  
Allen Key H2.0



Privacy Cover



Safety Key



Spare Hotend



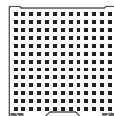
Filament Cutter



Nozzle Wiping  
Pad



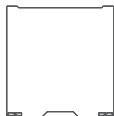
Flow Blocker



Vision Encoder

## Included accessories

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Build Plate  
(Pre-installed on  
heatbed)



Scraper  
Blade



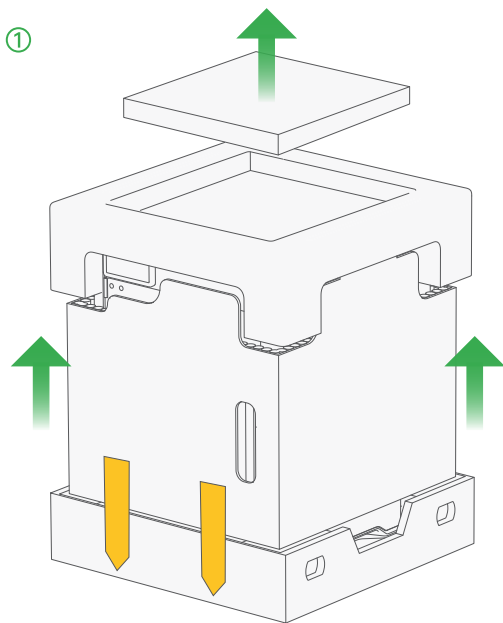
Unclogging Pin



Lubricant Grease  
& Lubricant Oil

## Remove the package

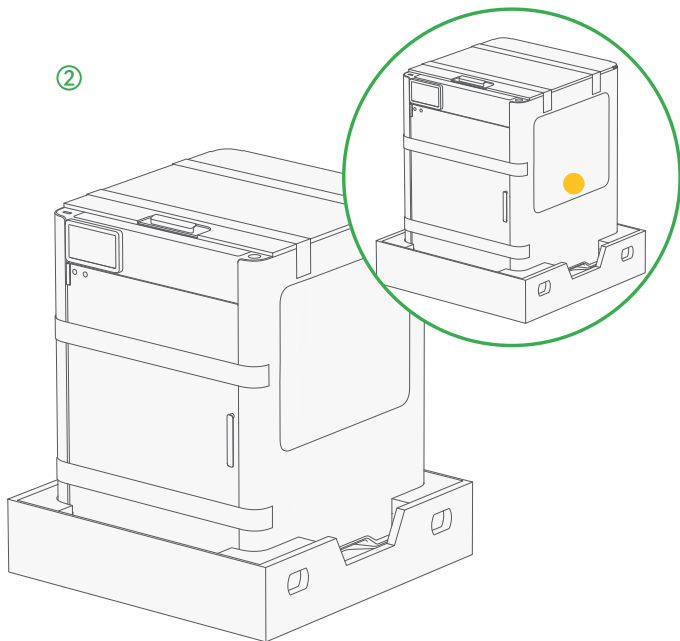
Keep packaging materials and screws for shipping.



Take out the square accessory box, and remove the surrounding cardboard, foam and tape.

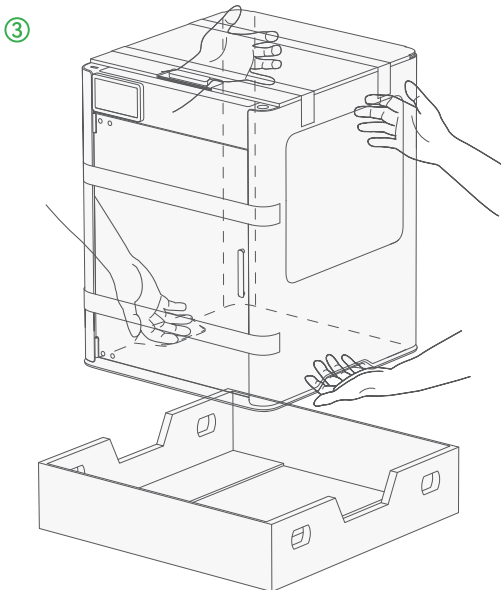
## Remove the package

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Remove the stickers from the sides and top opening of the moisture-proof bag. Then, pull the bag downward and fold it over all four corners of the bottom cardboard.

## Remove the package



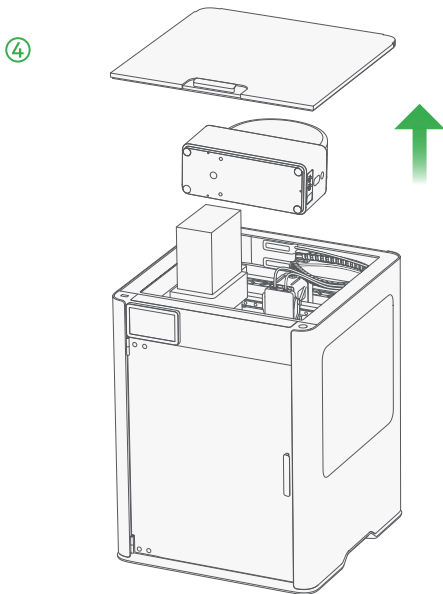
### WARNING

To prevent the risk of suffocation, keep these bags away from babies and children

As shown in the picture, ensure the bottom cardboard stays in place. With two people, carefully lift the printer out of the cardboard and moisture-proof bag, and place it on a stable surface.

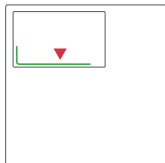
## Remove the package

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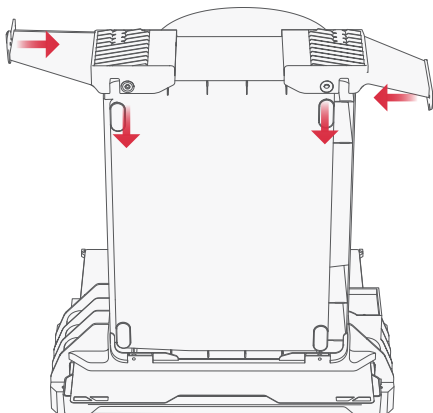
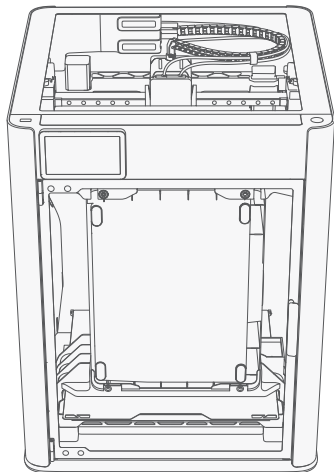


Remove the adhesive tapes and other packaging materials, and then take out the top glass cover, AMS HT, rectangle accessory box, and set them aside.

## Unlock the AMS 2 Pro



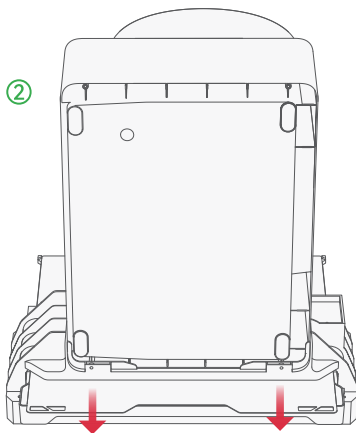
①



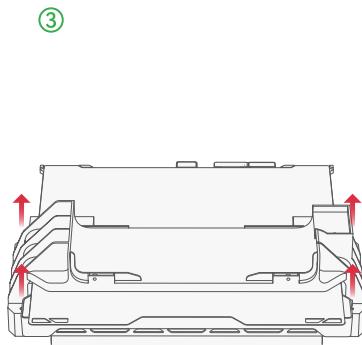
Use the longer H2.0 allen key from the square accessory box to remove the 4 screws marked in red. Next, detach the two plastic parts from the top.

## Unlock the AMS 2 Pro

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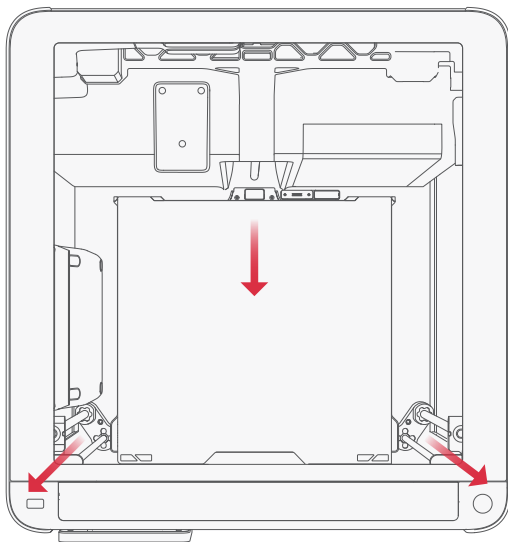
Use the H2.0 allen key to remove the 2 screws marked in red. Then, carefully take out the AMS 2 Pro.



Use the H2.0 allen key to remove the 4 screws marked in red. Then, take out the fixture and the nearby foam (except the foam under the heatbed).

## Unlock the heatbed

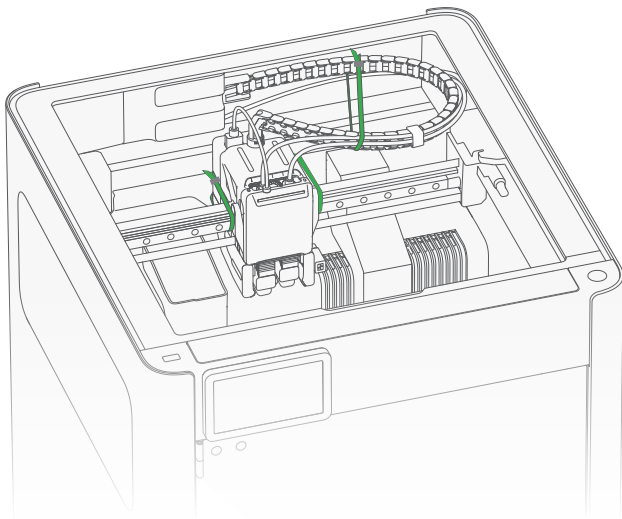
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Use the H2.0 allen key to remove the 4 screws marked in red to unlock the heatbed.  
**Do not remove the foam under the heatbed. This can be removed after the calibration.**

## Unlock the toolhead

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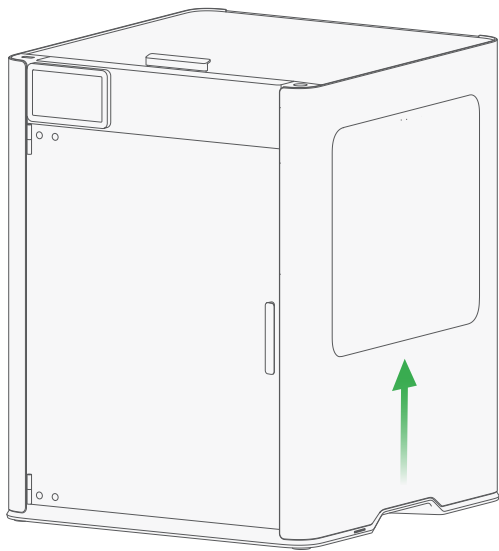


Cut and remove all zip ties. Pull the toolhead toward the front of the printer, then remove the foam piece marked in green.

## Install the emergency stop button

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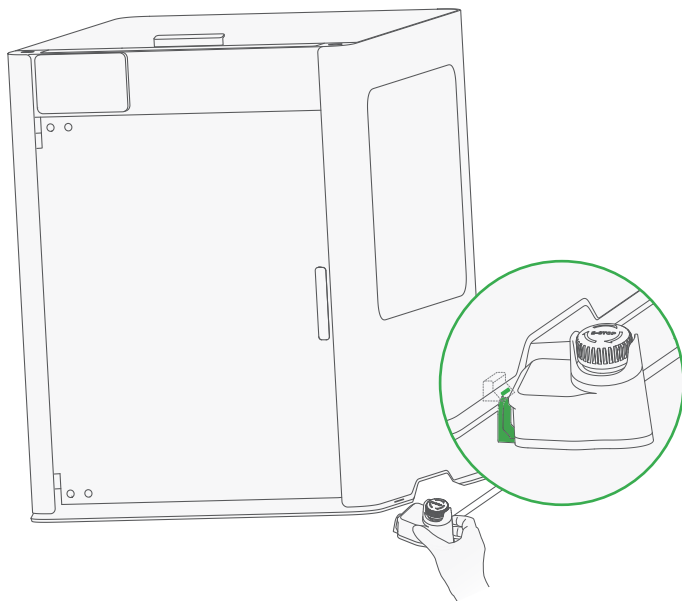
①



Gently lift up the printer using the handle.

## Install the emergency stop button

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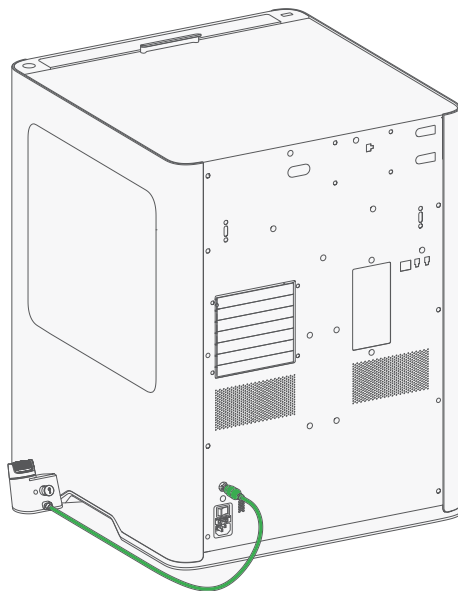


- ② Align the clip of the emergency stop button and the installation slot behind the icon on the printer. Then, insert the bracket into the slot.
- ③ Slowly lower the printer so that the clip is completely in the slot.

## Install the emergency stop button

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④



Insert the power cable of the emergency stop button into the port above the power socket.