# Bambu Lab
A1 with AMS Lite
Quick Start

Please review the entire guide before operating the printer.
* Safety Notice: Do not connect to power until assembly is complete.
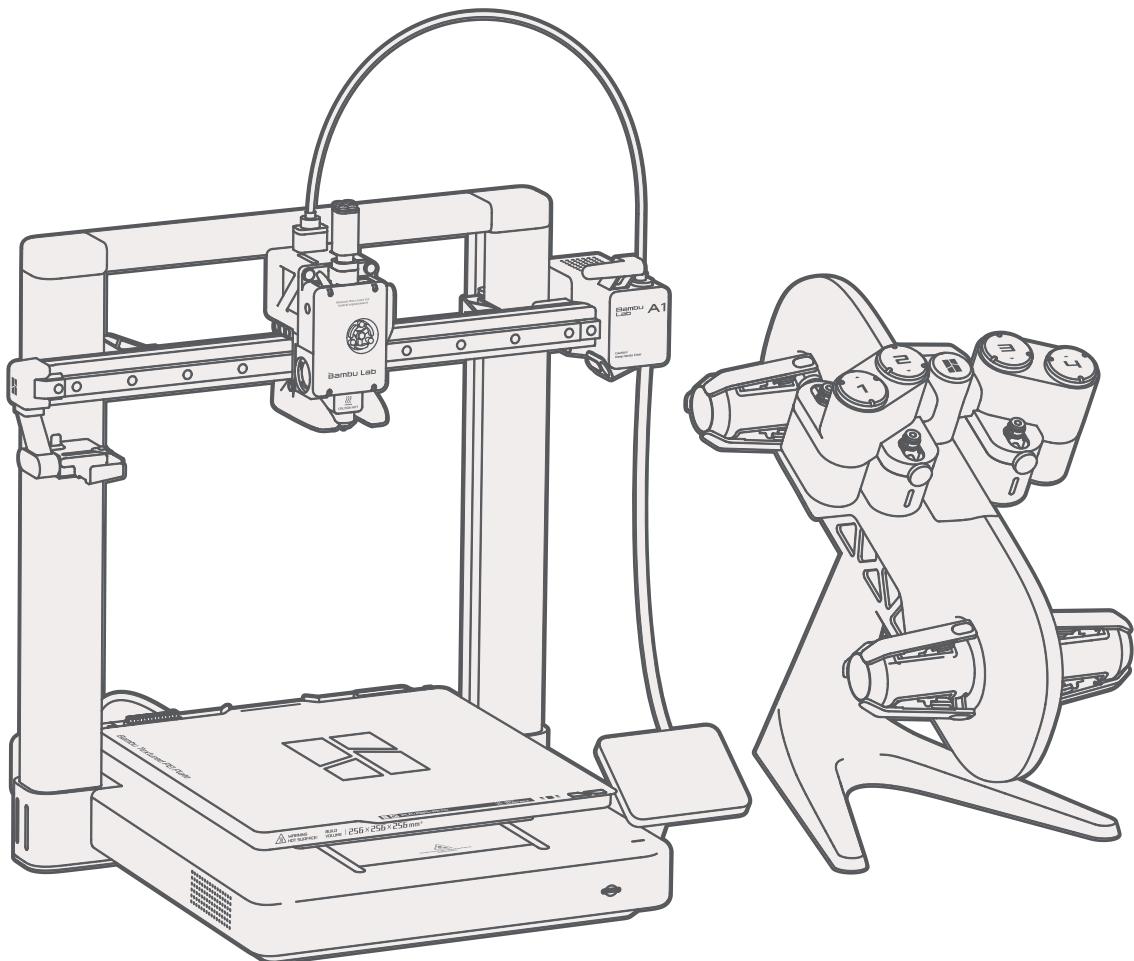
PF002-A

SA005

Bambu Studio & Bambu Handy
https://bambulab.com/download

# What's In The Box
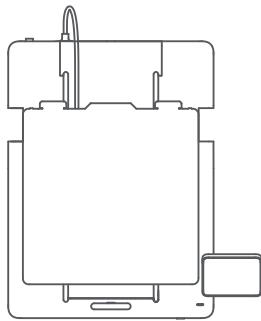
A1 Base Housing
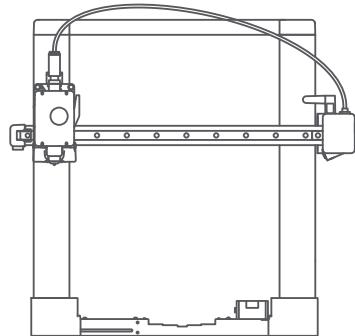
A1 Printer Frame
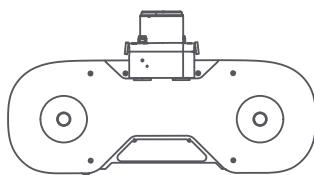
AMS lite Body
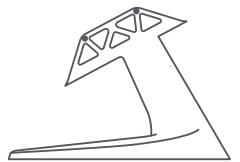
AMS lite Stand
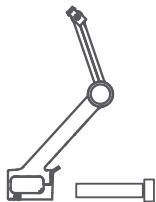
Spool Holder
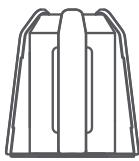
AMS lite Rotary
Spool Holder
(×4)
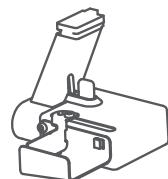
Purge Wiper
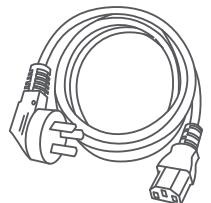
Power Cable
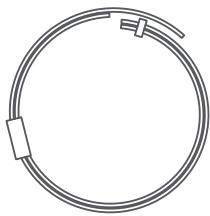
PTFE Tubes
For AMS lite
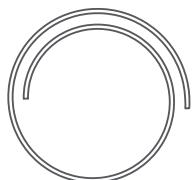
600mm
PTFE Tube
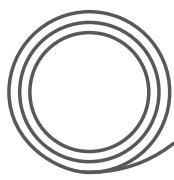
Sample
Filament

Accessory Box
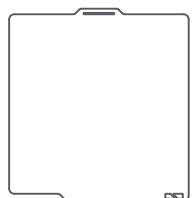
Build Plate

Accessory Box

Unclogging Pin Tool
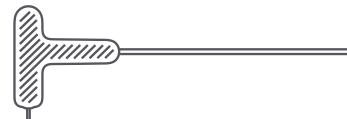
Allen Key H2
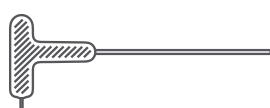
Allen Key H1.5

Heatbed Nozzle Wiper

Cable Organizer

Bambu
Scraper Blade
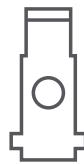
Spare Filament
Cutter (×2)
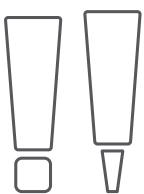
Grease & Oil

BT2.6-8 Screw (×2)
(For Scraper)

BT3-6 Screw (×5)
(For AMS Stand)

M3-12 Screw (×1)
(For Purge Wiper)

ST3-23 Screw (×13)
(For Base Housing)

Install Build Plate

Base Housing
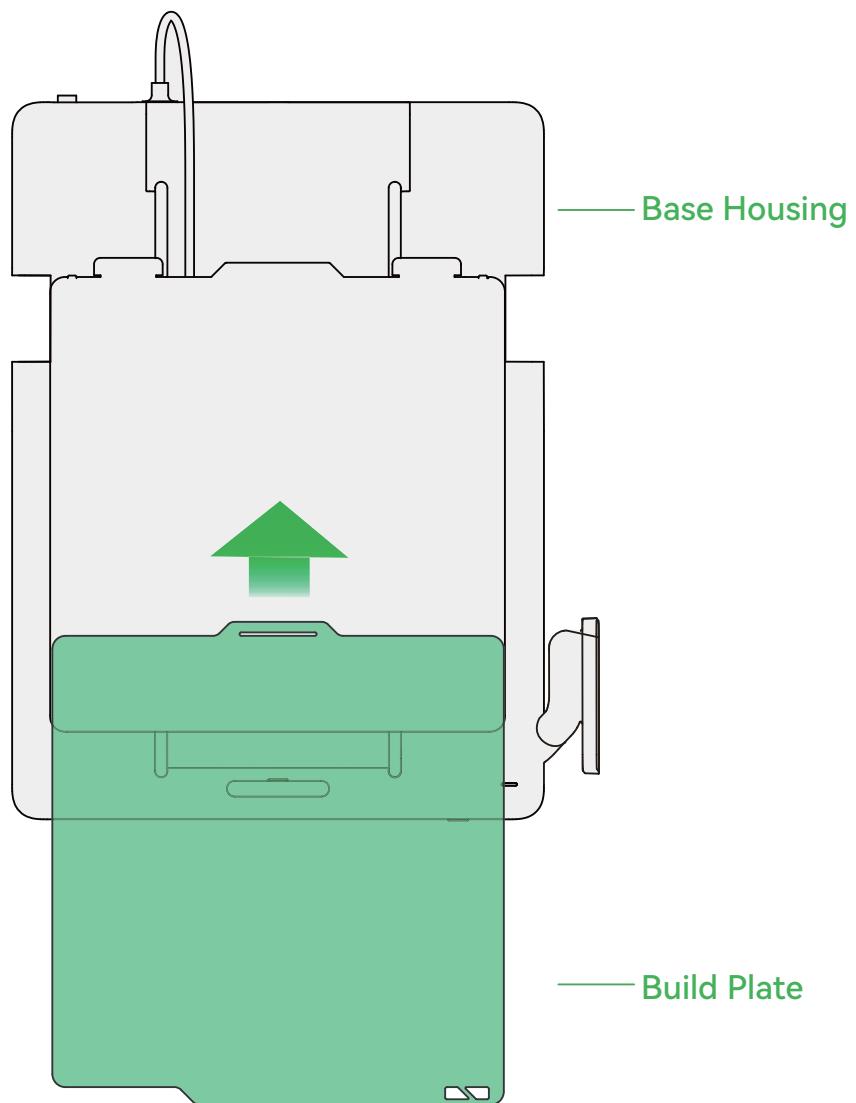
Build Plate

① Install the build plate with correct orientation, aligning the edge with the heatbed.

Unlock Heatbed
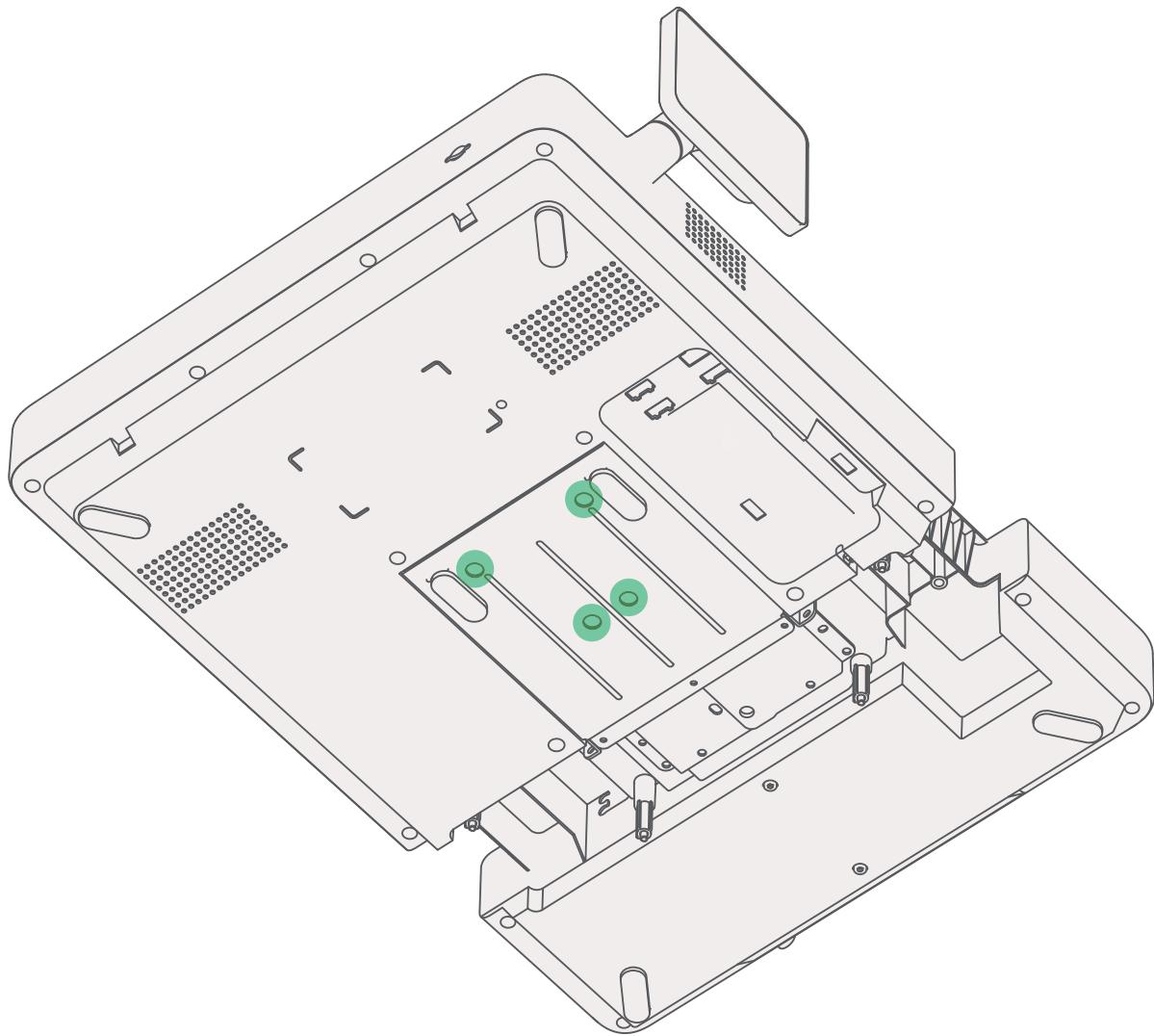
① Use Allen Key H2 to remove the 4 highlighted screws at the bottom of the Base Housing to unlock the heatbed
(Be careful when fully releasing the heatbed; use foam padding in the package to protect the heatbed from sliding down).

Mate Base Housing & Printer Frame

①

Printer Frame

②

Base Housing

③
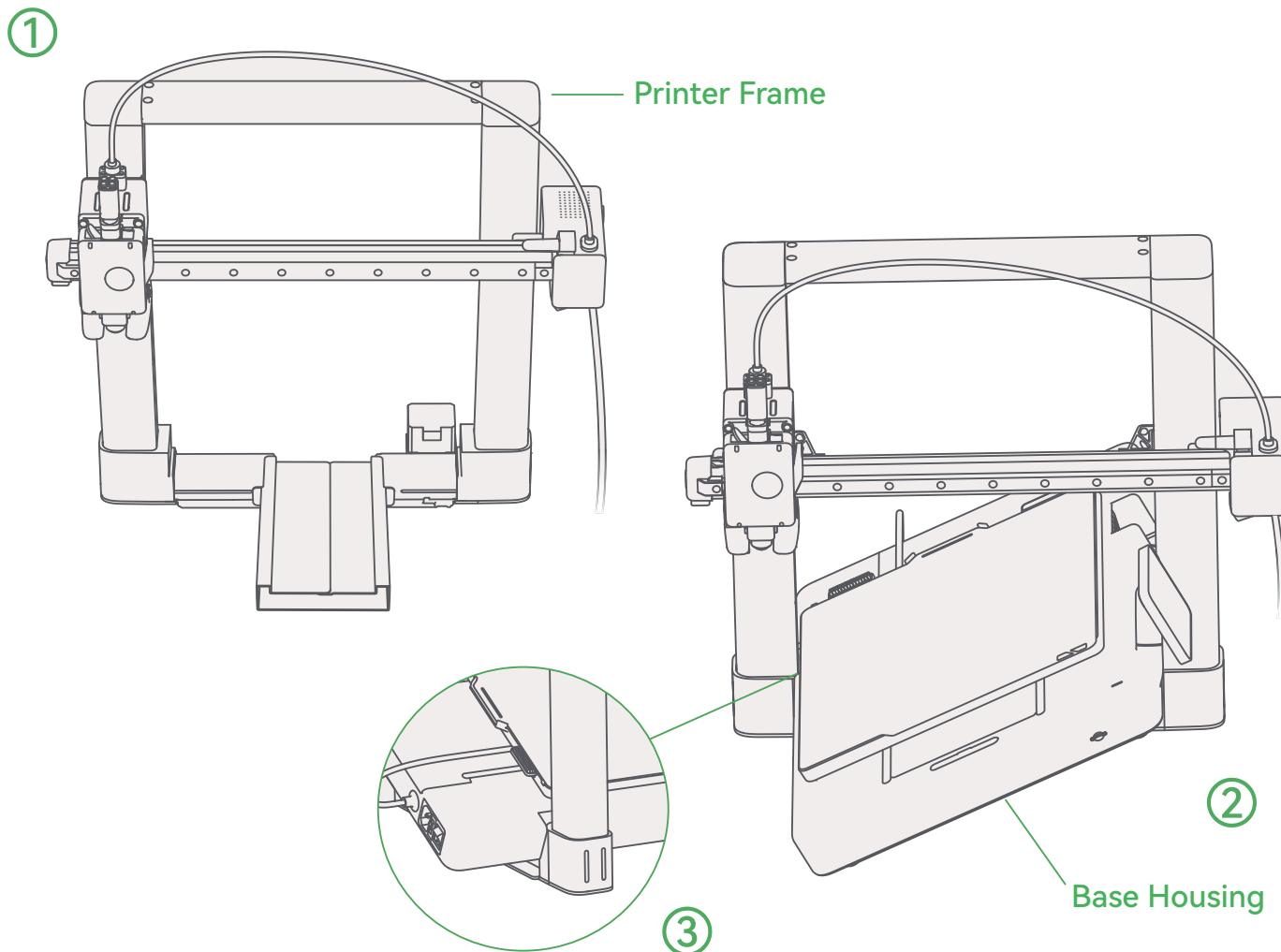
① Put the Printer Frame on the table as shown above.

② Tilt the Base Housing about 45 degree to pass through the Printer Frame.

③ Align the slot with the Printer Frame as shown in the diagram.

④ Slowly lower the Base Housing until it is fully flush with the Printer Frame on the table.

Unlock Toolhead
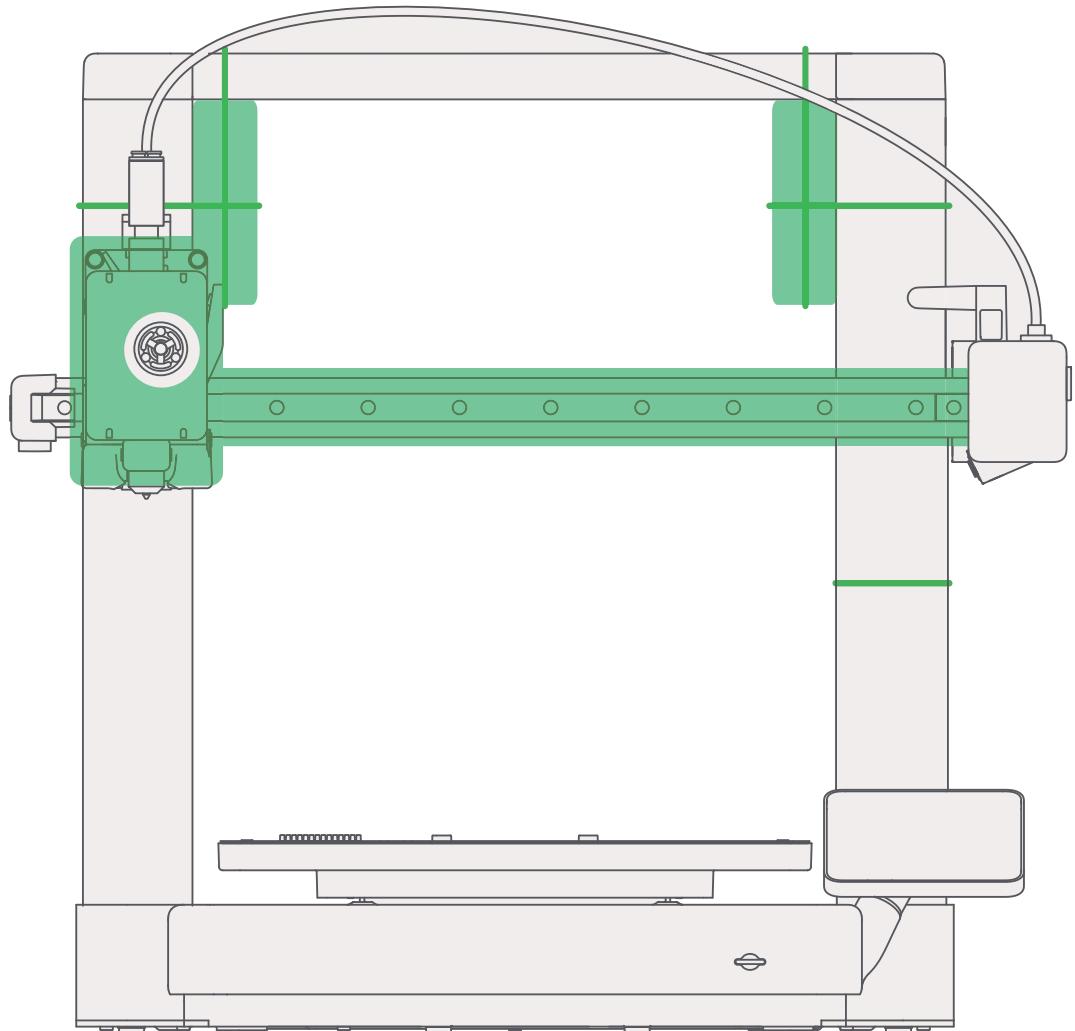
① Cut the ziptie and cardboard wrapped around the toolhead and X-axis.

② Remove the 5*zipties and 2*foam paddings on the printer frame.

Remove Y-Axis Cover
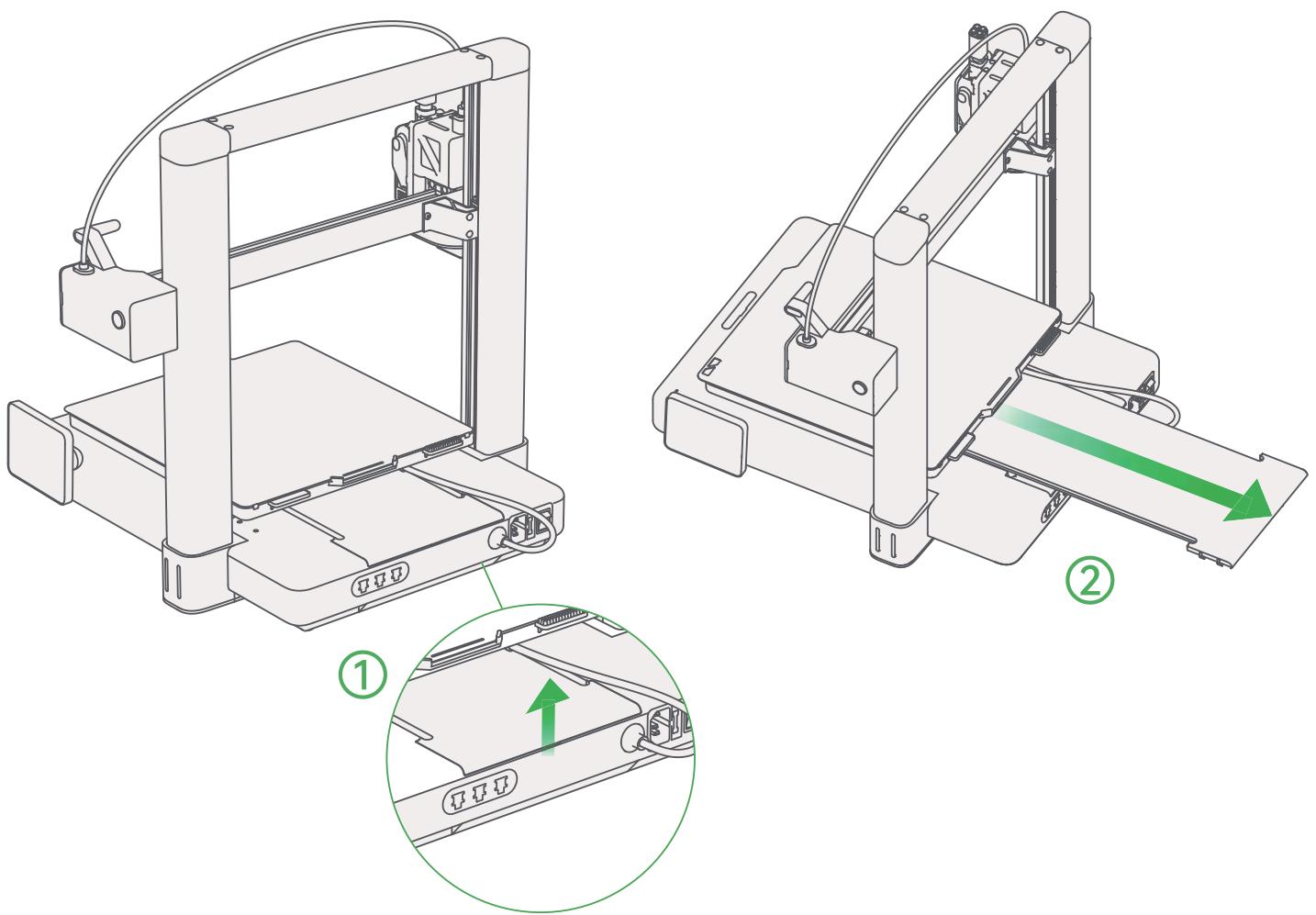
① Open the Y-axis cover.

② Pull out the Y-axis cover gently.

Lock Base Housing
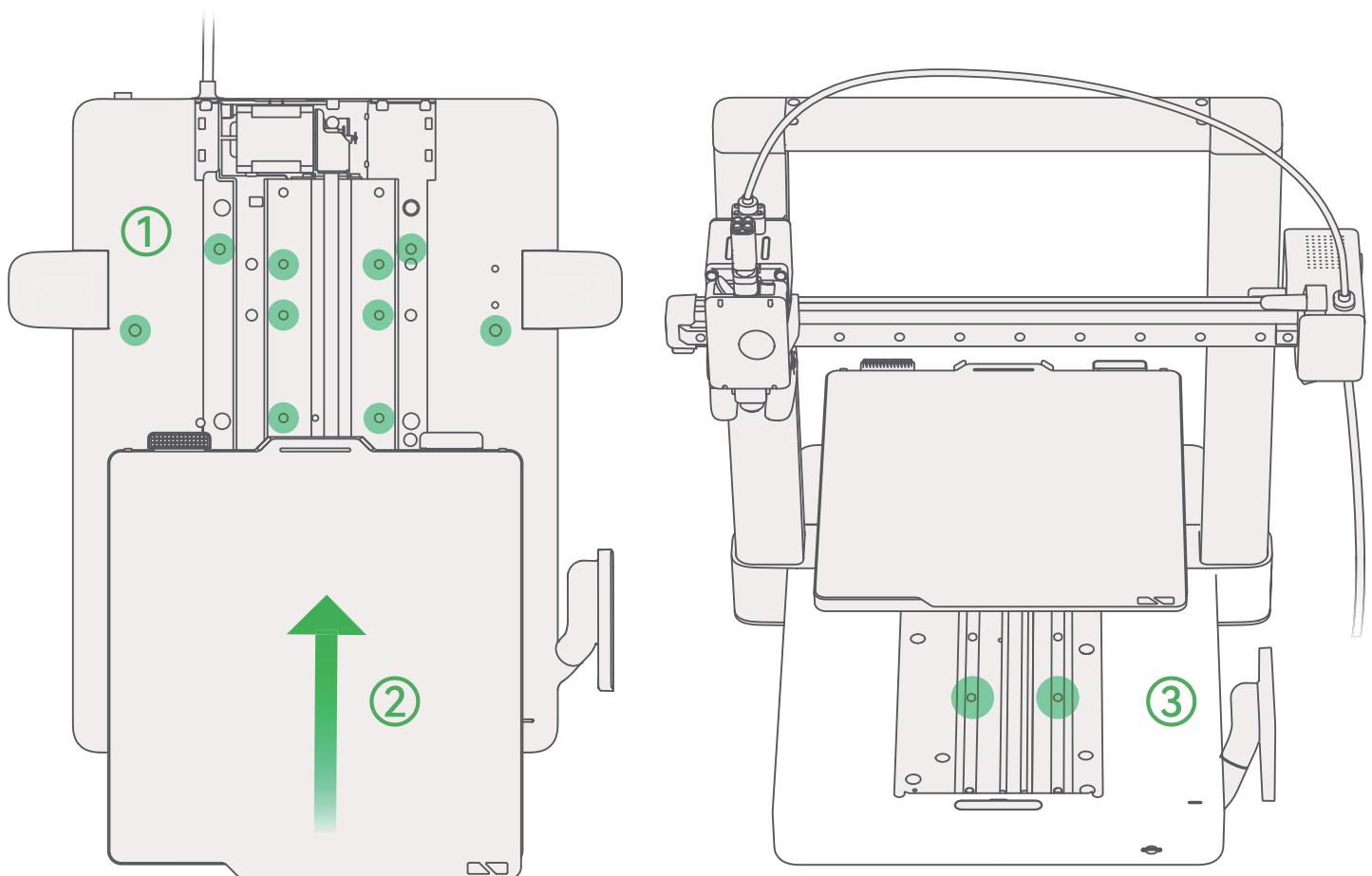
① Install 10*ST3-23 Screws (For Base Housing) in the holes highlighted in green.

② Push the heatbed to the other end.

③ Install 2*ST3-23 Screws (For Base Housing) in the holes highlighted in green.

Put Cover Back
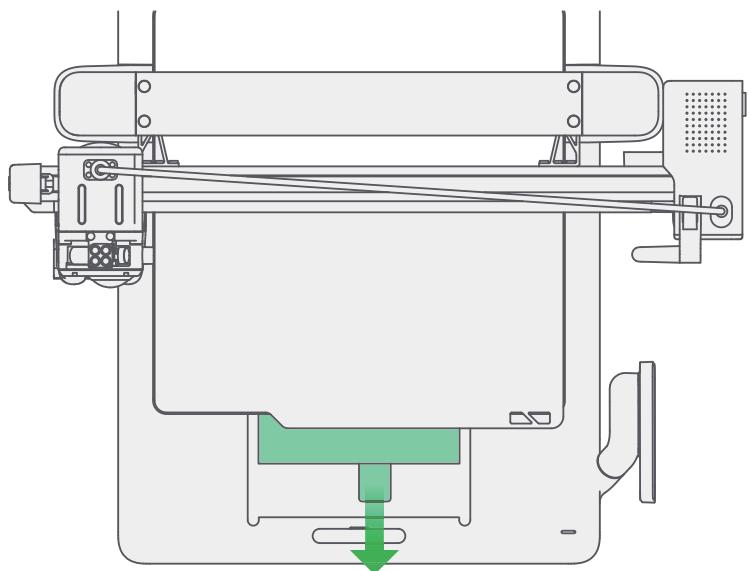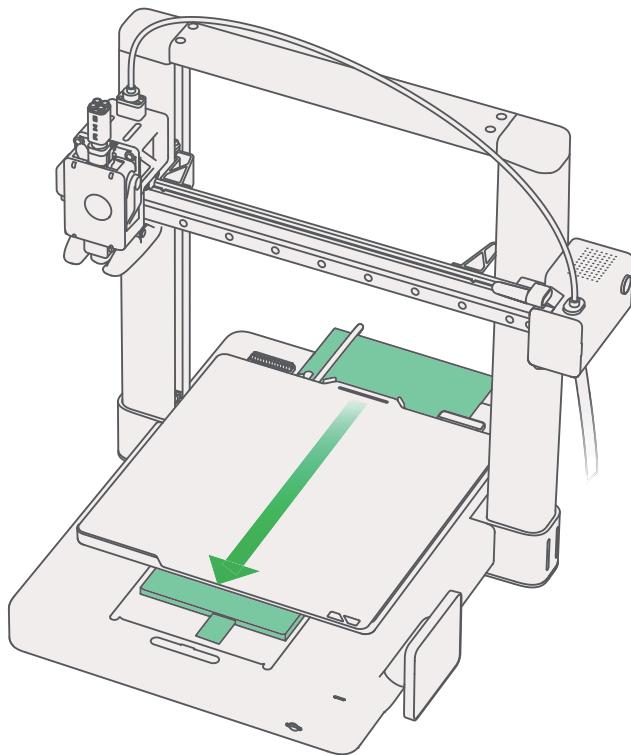
① Gently slide the Y-axis cover back into place.

② Make sure to align the clip.

# Place On Table
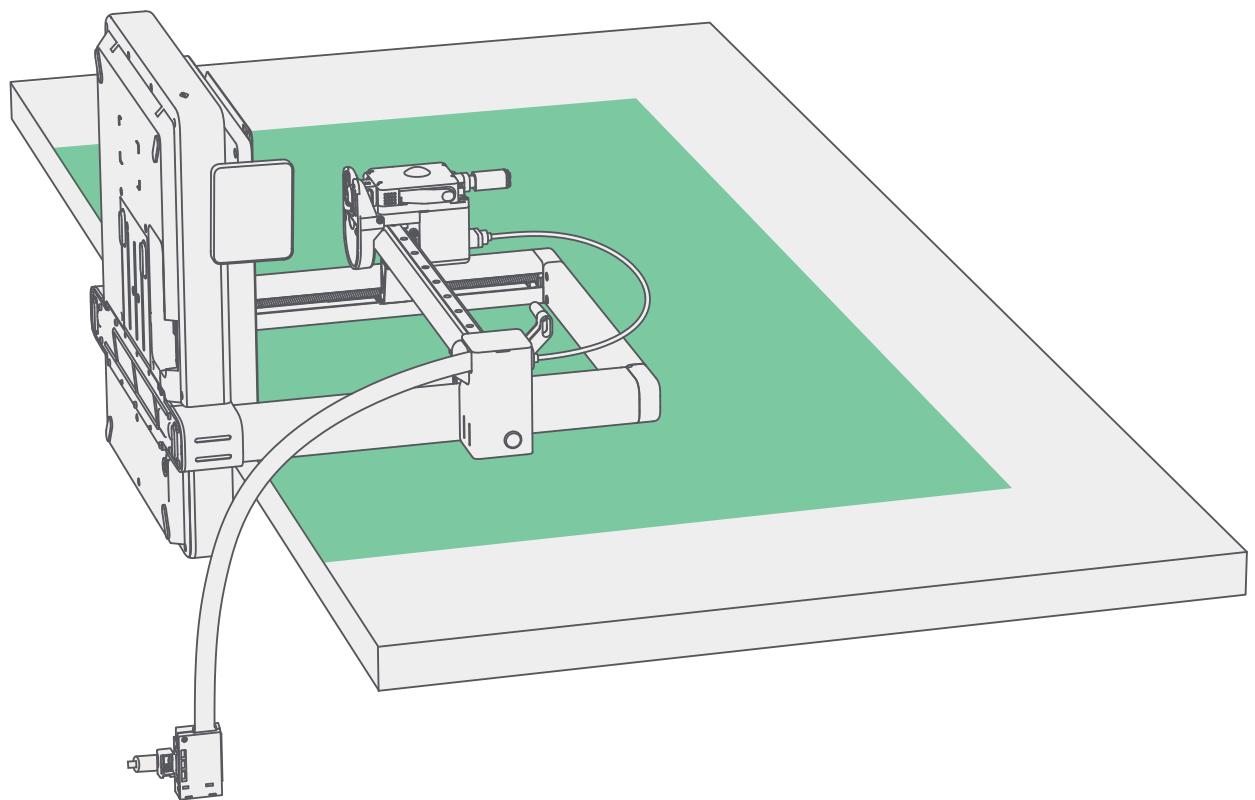
① Turn the A1 90 degree onto its rear, laying it on the edge of a table.

   (It is recommended to cover the table with cardboard for protection.)

Please make sure the printer is secure on the table while following the steps.

Plug In Cable Box

Keep flush with the base
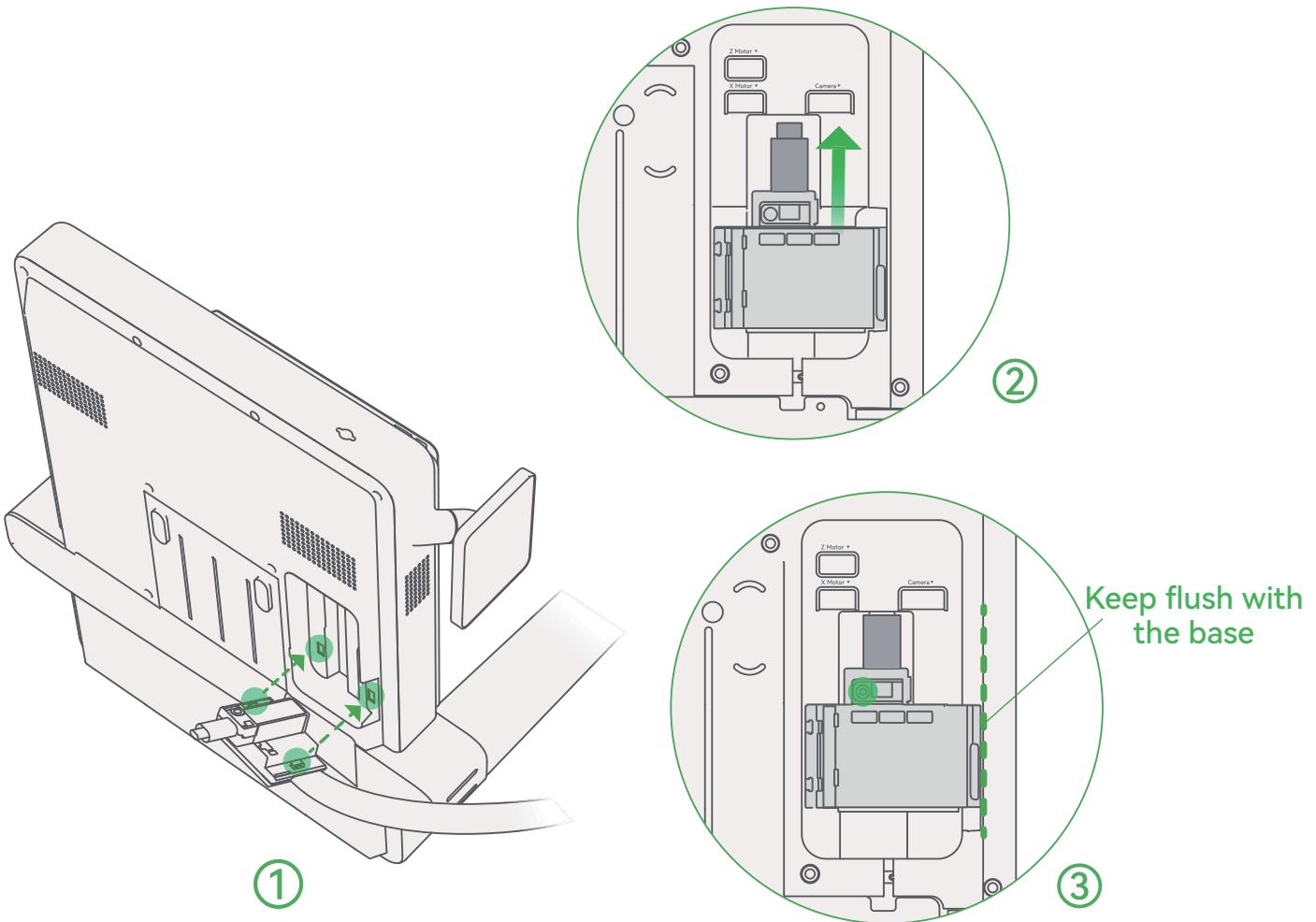
① Align the 2 clips on the cable box with the holes on the Base Housing.

② Slide up the cable box until the Type-C cable clicks in place. (DO NOT force the insert.)

③ Make sure the cable box is nice and flush in the slot, then screw in the pre-installed screw highlighted in green.

# Plug In Connectors
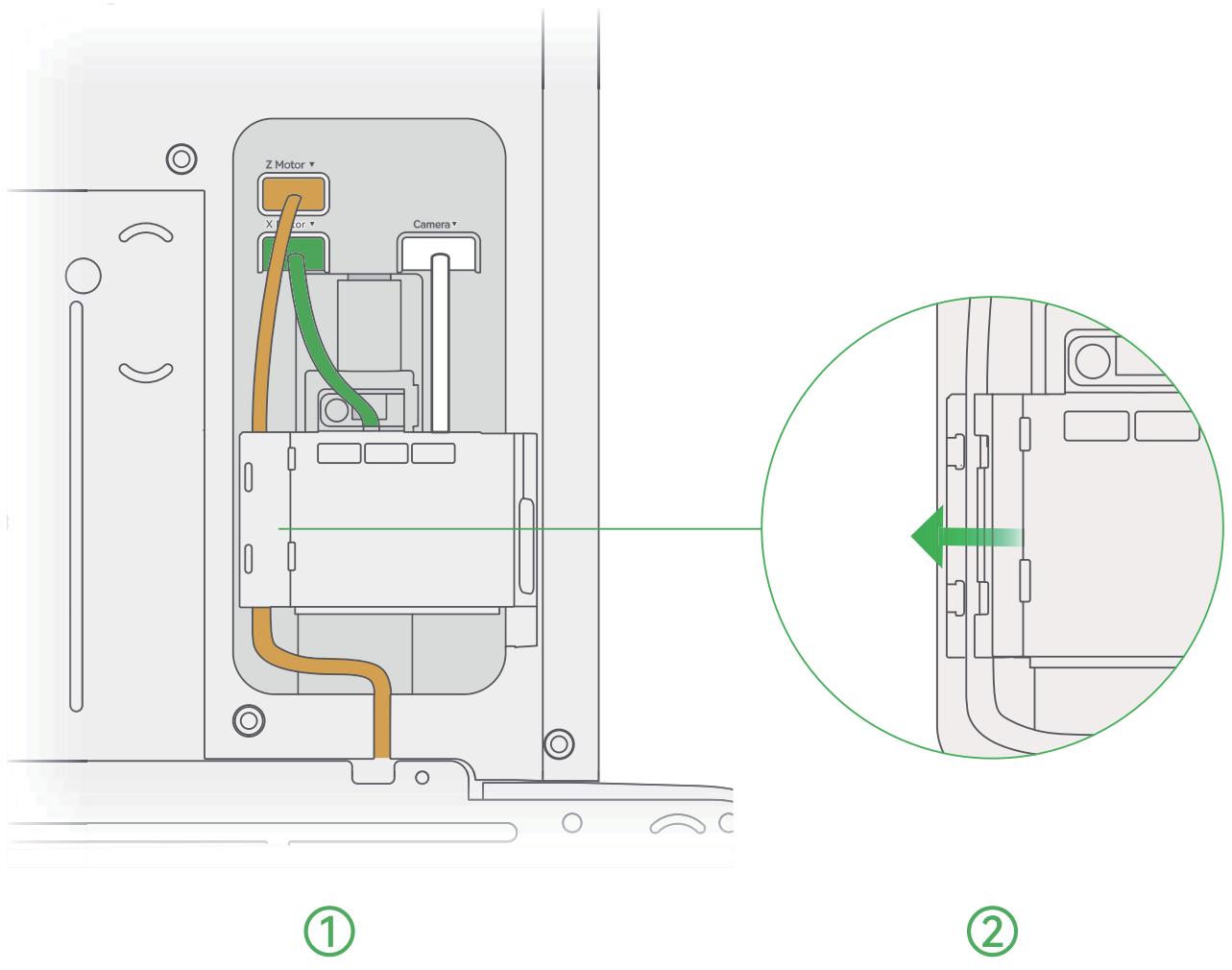
① Plug in the 3 harnesses according to color.

② Tuck the harness into the cable slot and then close the cover.

Fold Out Touch Screen
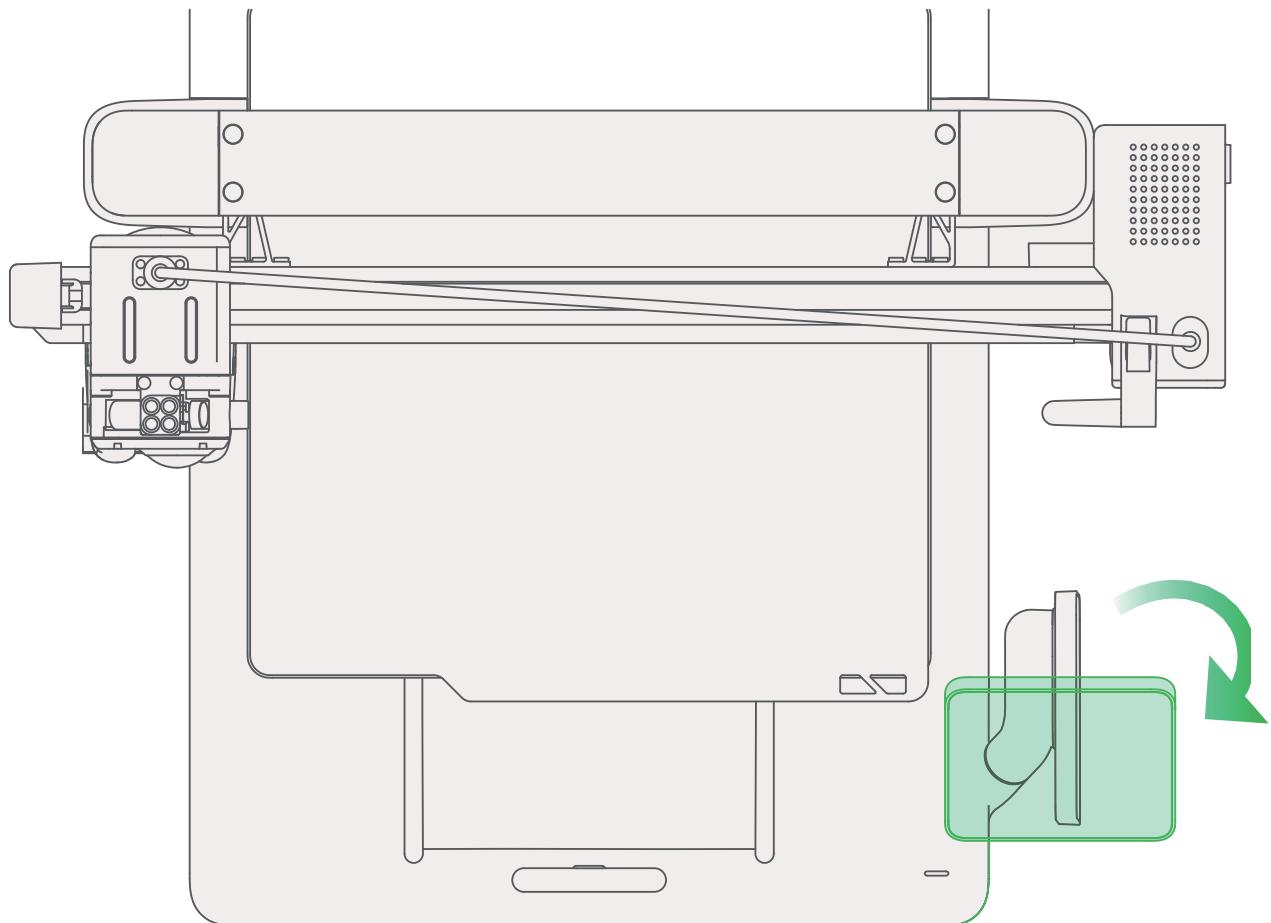
① Fold out the touch screen, make sure the touch screen is in place as shown in the graph.

Install Purge Wiper
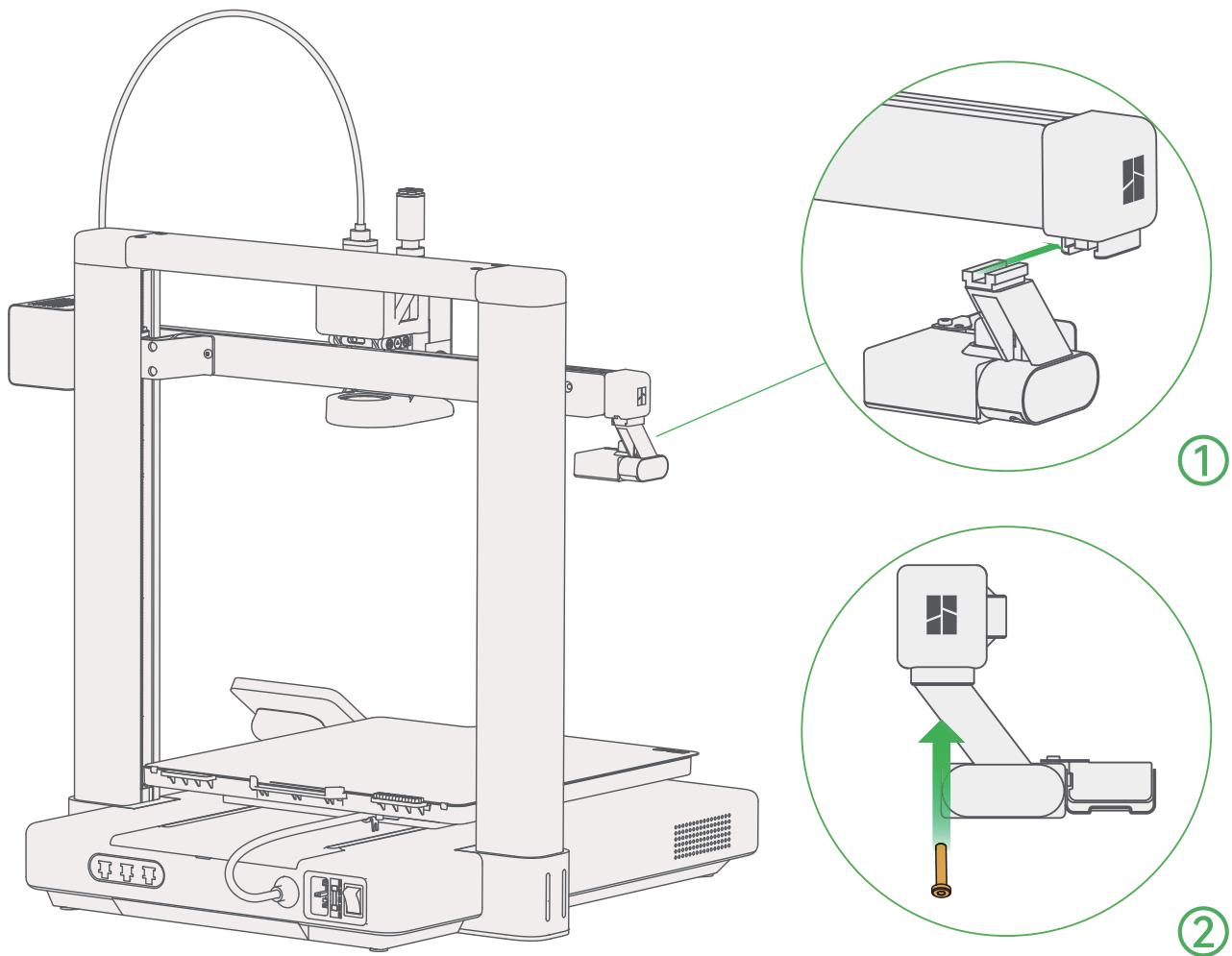
① Slide in Purge Wiper unit into the slot at the end of the X-axis.

② Install the 1*M3-12 screw from the accessory box to fix the Purge Wiper in place

AMS lite Assembly
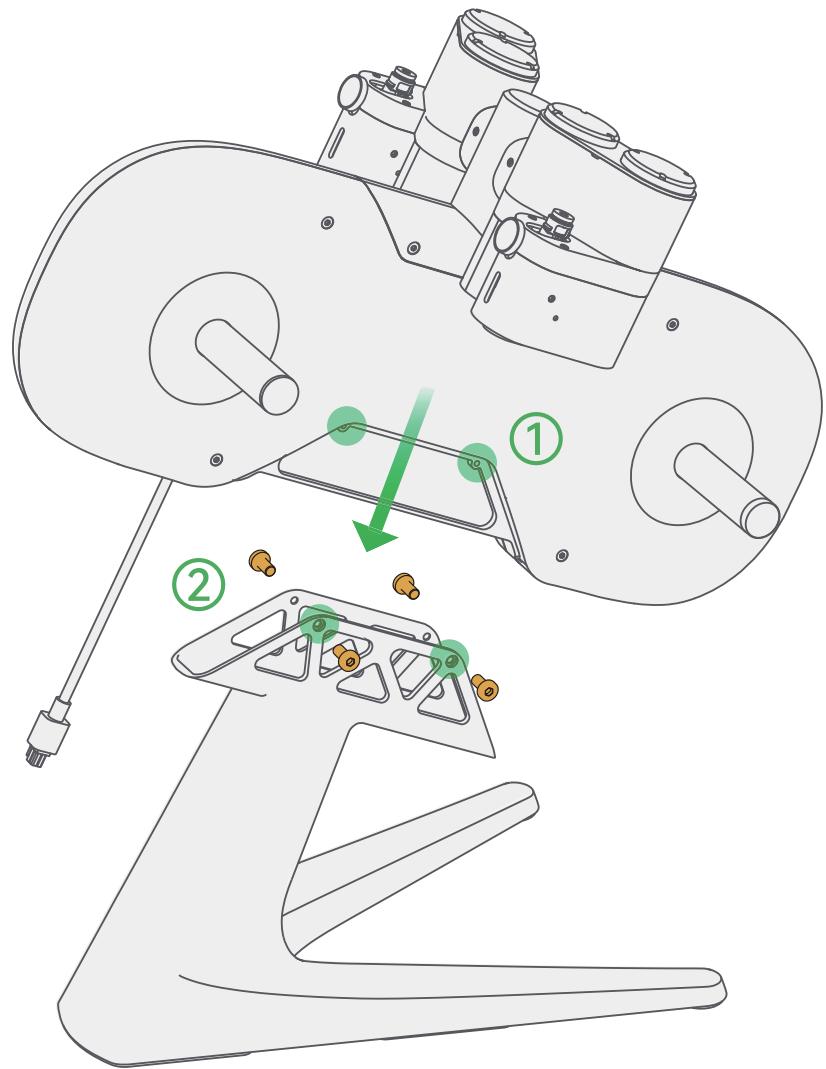
① Put the AMS lite body on the stand. (cable on the upward end)

② Secure the AMS lite with the 4*BT3-6 screws (For AMS Stand) from the accessory box.

AMS lite Assembly

Green

Yellow

Yellow

Green
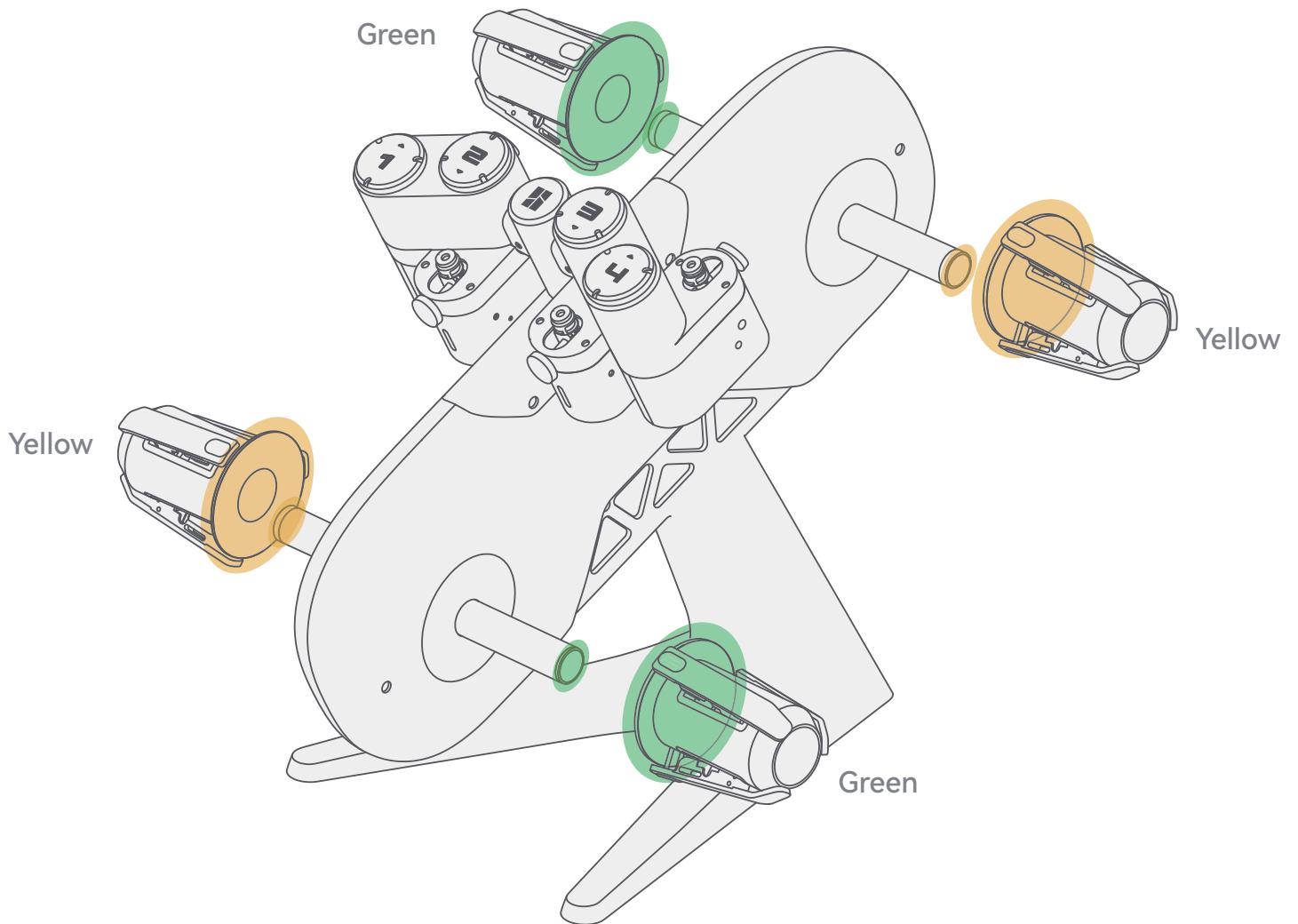
① Slide the rotary spool holders on (all the way in), being careful to match colors to avoid damaging any parts.

AMS lite Assembly

730mm (short)

830mm (long)

⑤

Organizer

②

50mm

③ ④
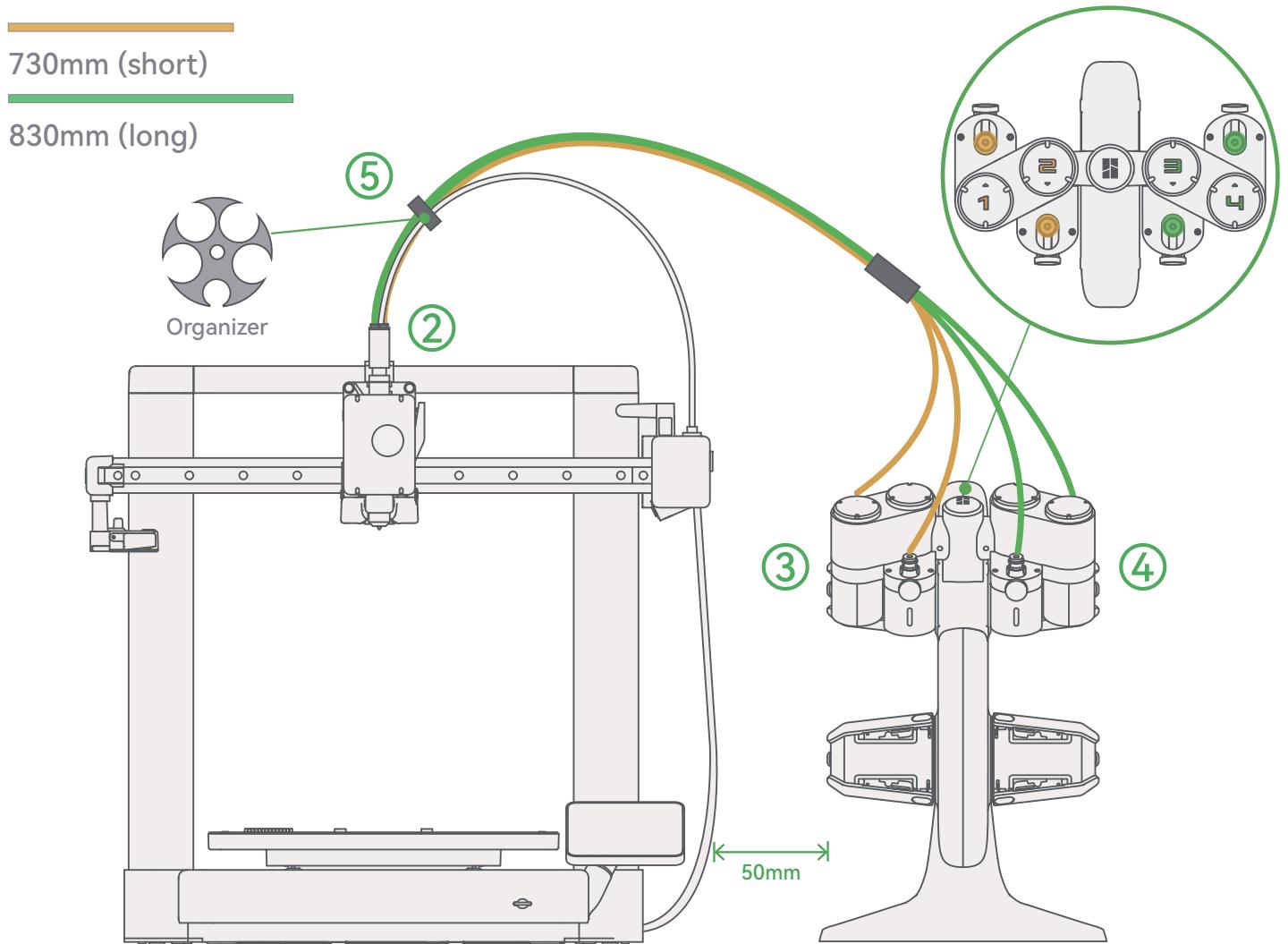
① Put AMS lite to the right side of the A1

③ Insert 730mm PTFE tubes into ports 1 and 2.

⑤ Clip the black data cable into the organizer.

② Insert all four PTFE tubes into the toolhead filament hub.

④ Insert 830mm PTFE tubes into ports 3 and 4.

(The recommended distance between A1 and AMS lite is 50mm as shown in the diagram.)

Powering On
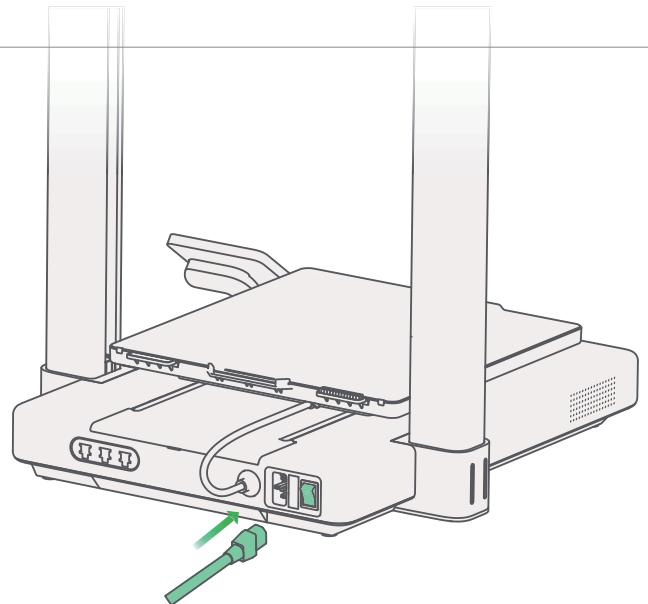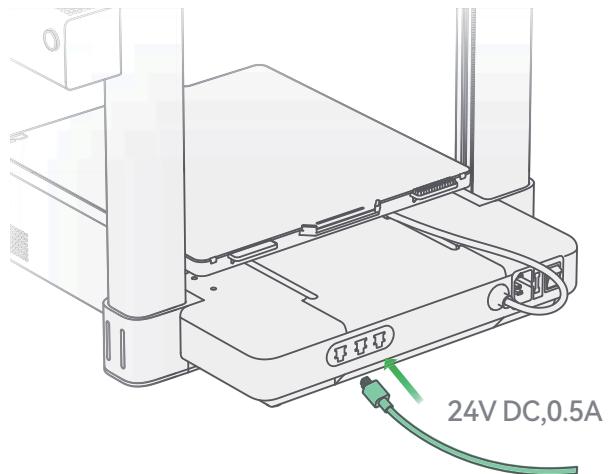
① Plug the AMS lite 4pin connector into the port on the right of the A1. (either one)

24V DC,0.5A

② Plug in the power cable and turn on the A1 using the power switch on the back.

545mm
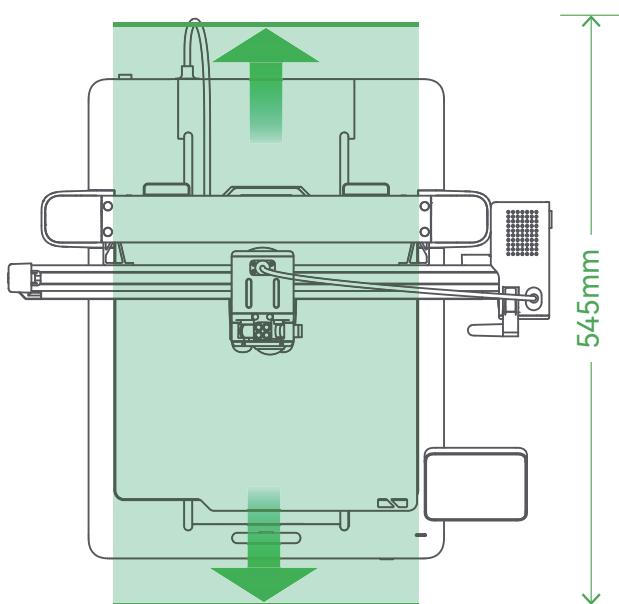
Please leave a safe amount of space for heatbed movement. (as shown in the diagram)