XTOOL | M1 Ultra

Quick Start Guide

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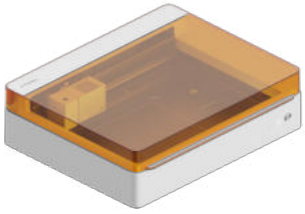
List of items



01 xTool M1 Ultra

02 Laser module

03 Smoke exhaust module

04 USB cable

05 Power cable and adapter

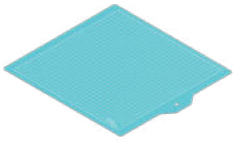
06 Fine-point blade

07 Fine-point pen

08 Pen holder

09 Triangular prism holder

10 Triangular prism



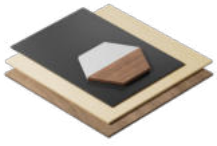
11 Cutting mat (LightGrip)

12 Cutting mat (FabricGrip)

13 Filter

14 Key

15 Grease



16 Material pack

17 Lens mount (spare part)

18 Lens mount rotating piece

19 Screwdriver

20 Multi-function carriage

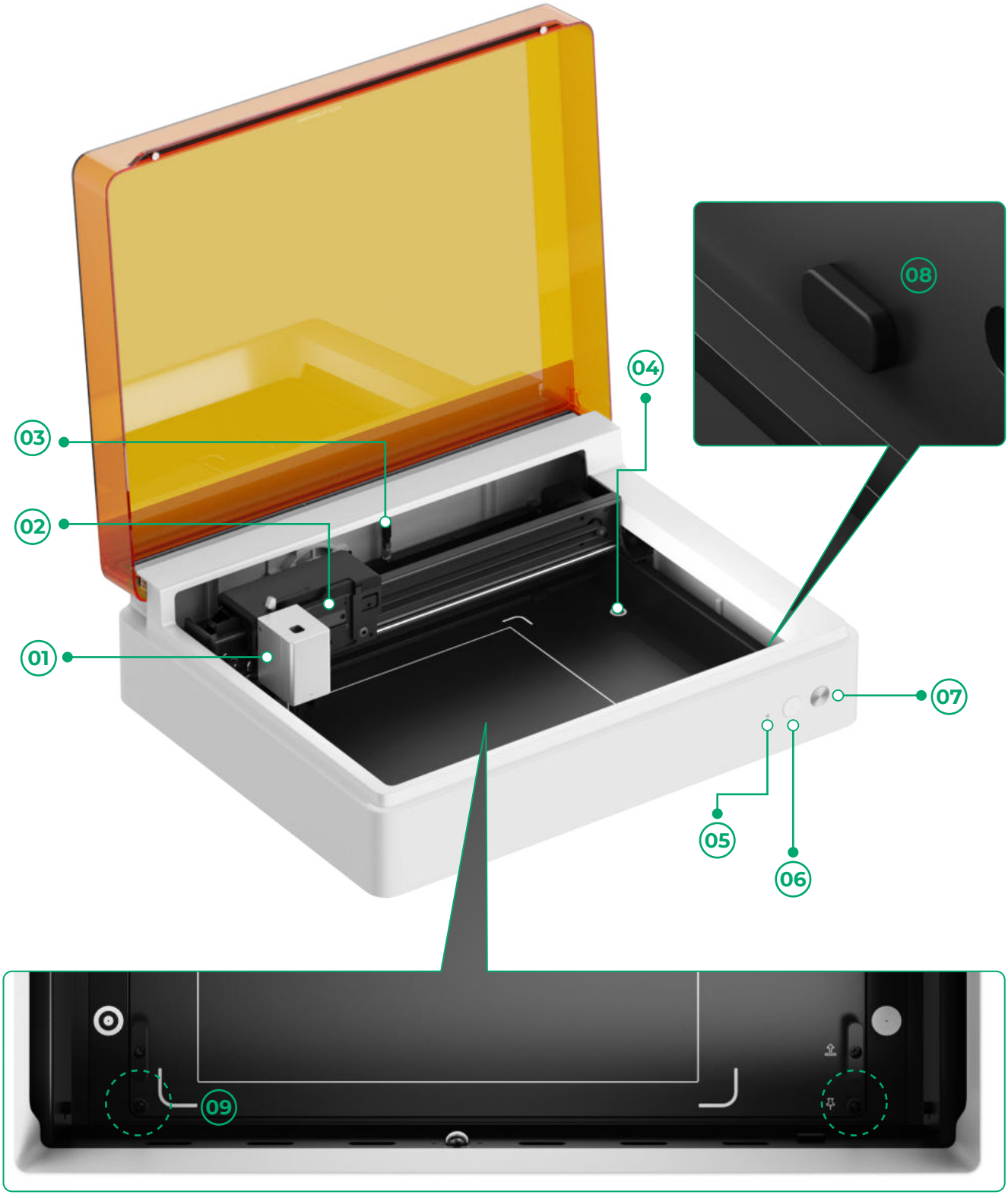
21 Cutting blade

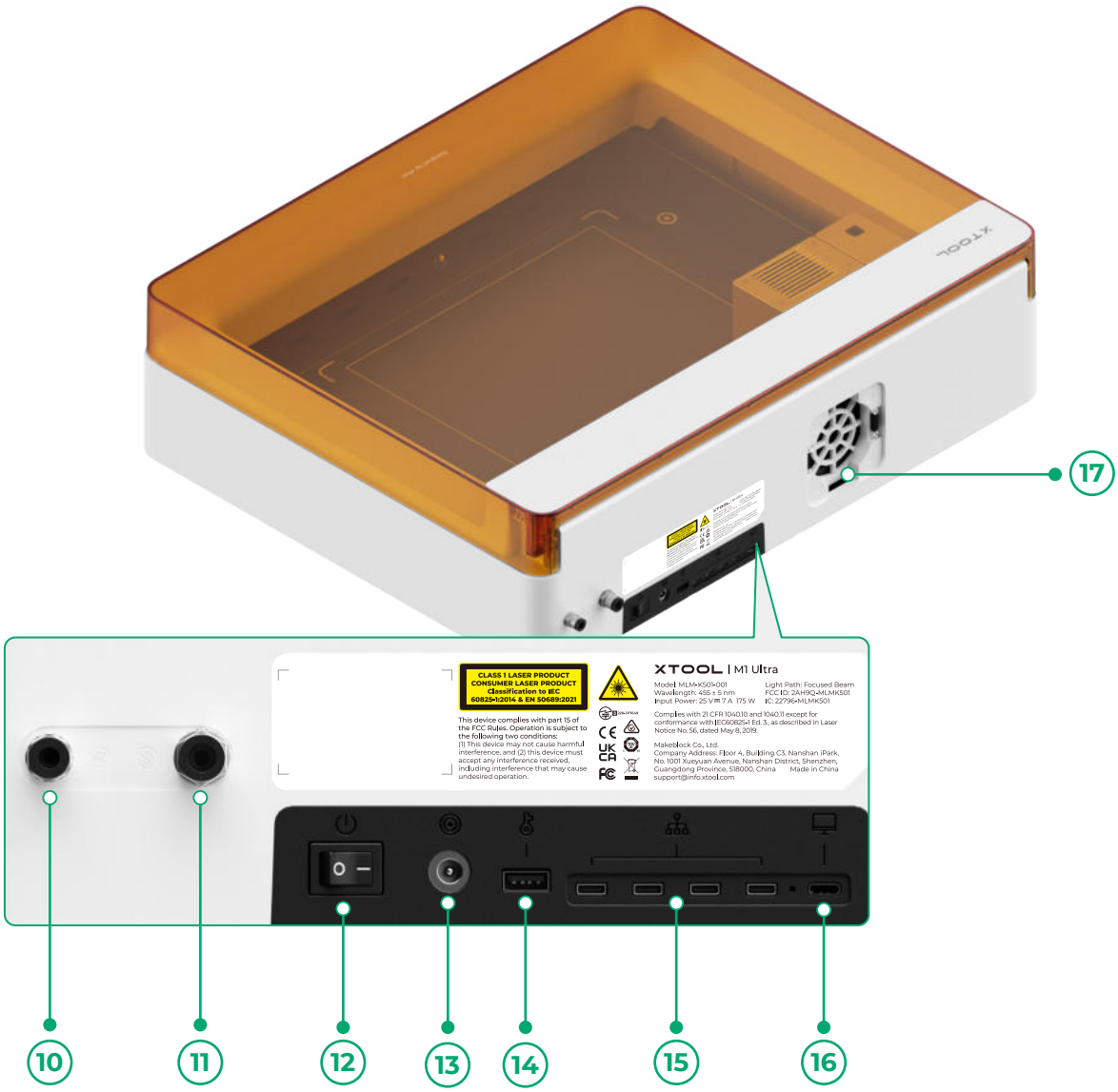
22 Thumb screw for the baseplate (spare parts)

23 Quick Start Guide

24 Safety Instructions

Meet your xTool M1 Ultra

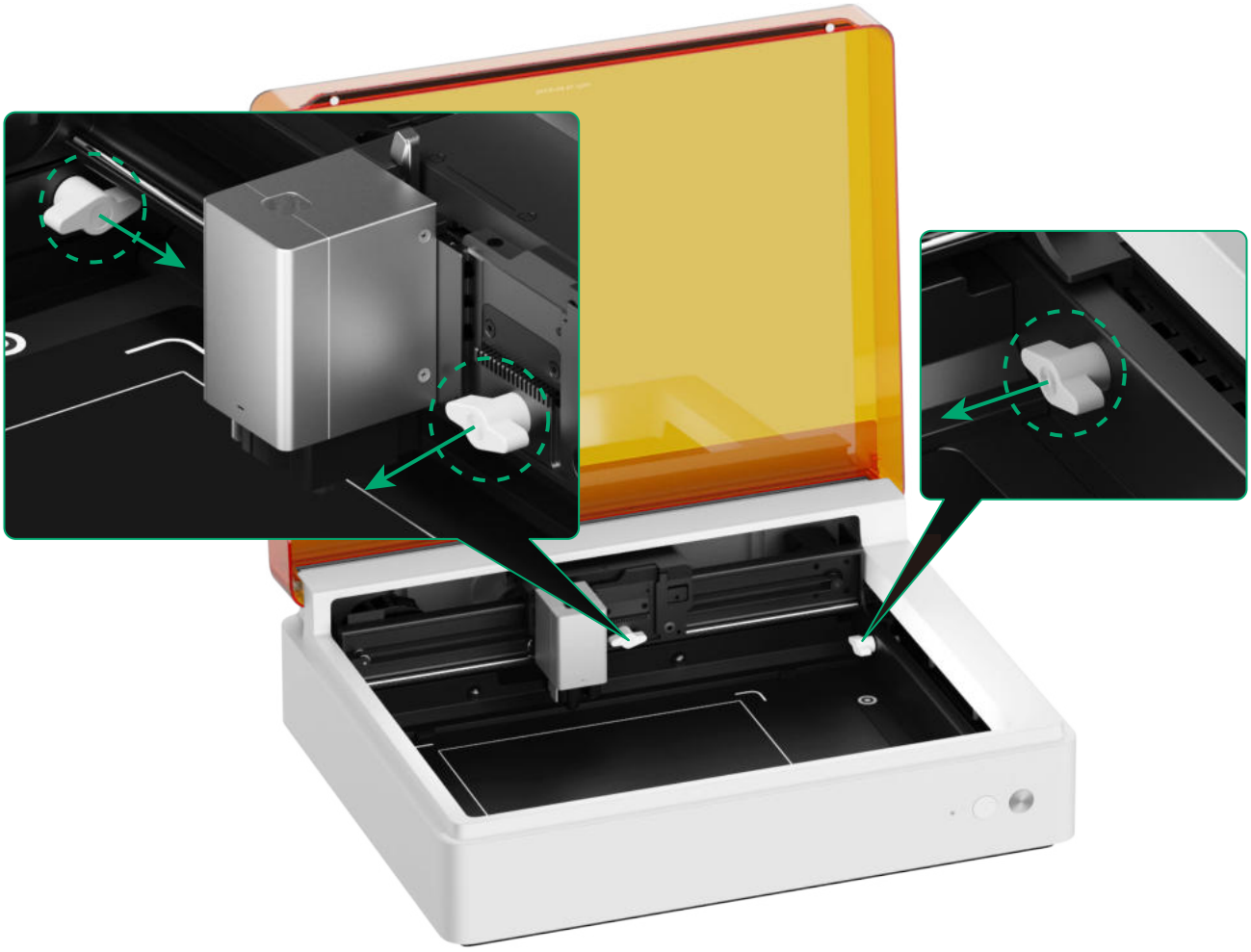




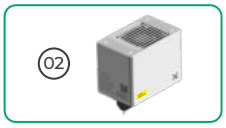
01	Basic carriage	07	Start/Stop button	13	Power port
02	Multi-function holder	08	Rotary Attachment port	14	Port for the key
03	Wi-Fi antenna	09	Thumb screw for the baseplate	15	Extension port × 4
04	Camera viewfinder point	10	Tube fitting for the air assist set	16	USB port
05	Indicator	11	Tube fitting for the fire safety set	17	Smoke outlet
06	Point marking button	12	Power switch		

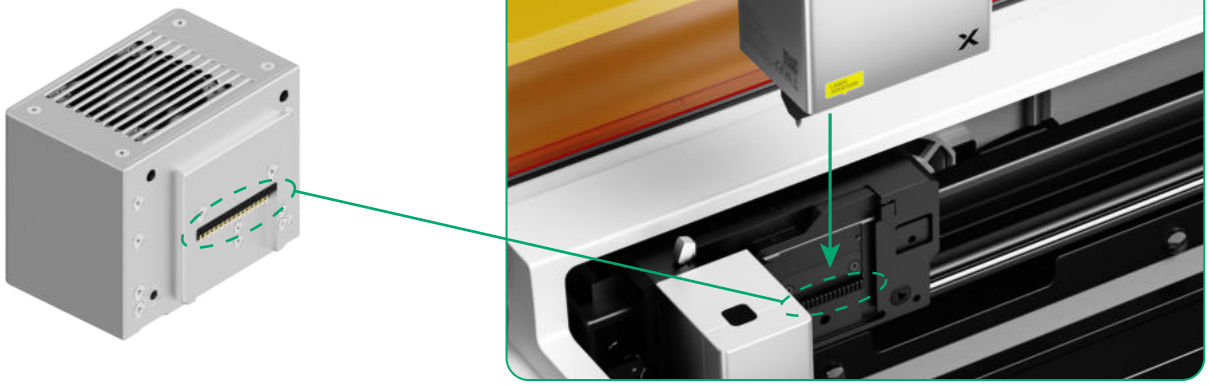
Preparations

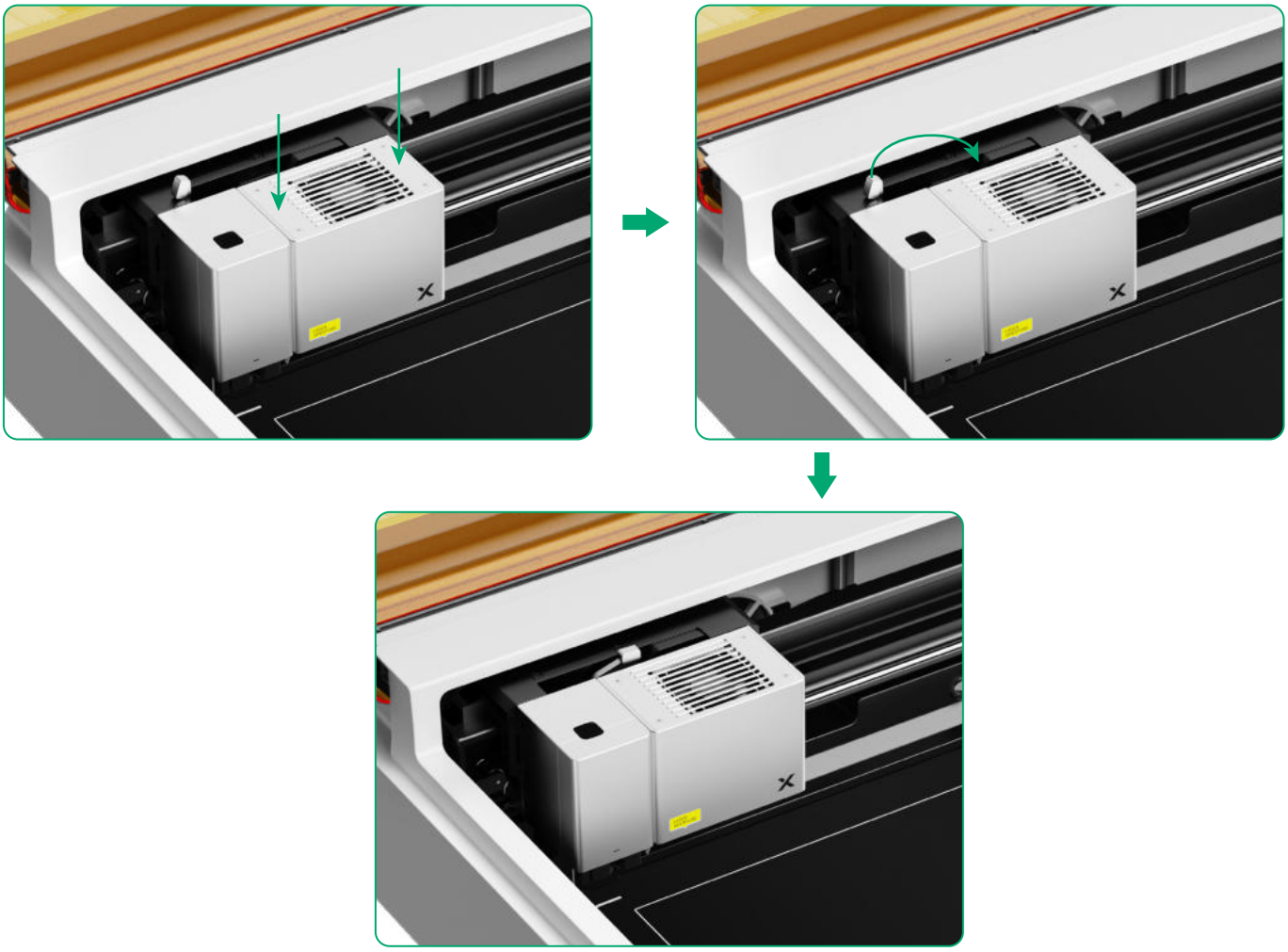
1 Remove the screws that fix the x-axis and y-axis guide rails



2 Install the laser module

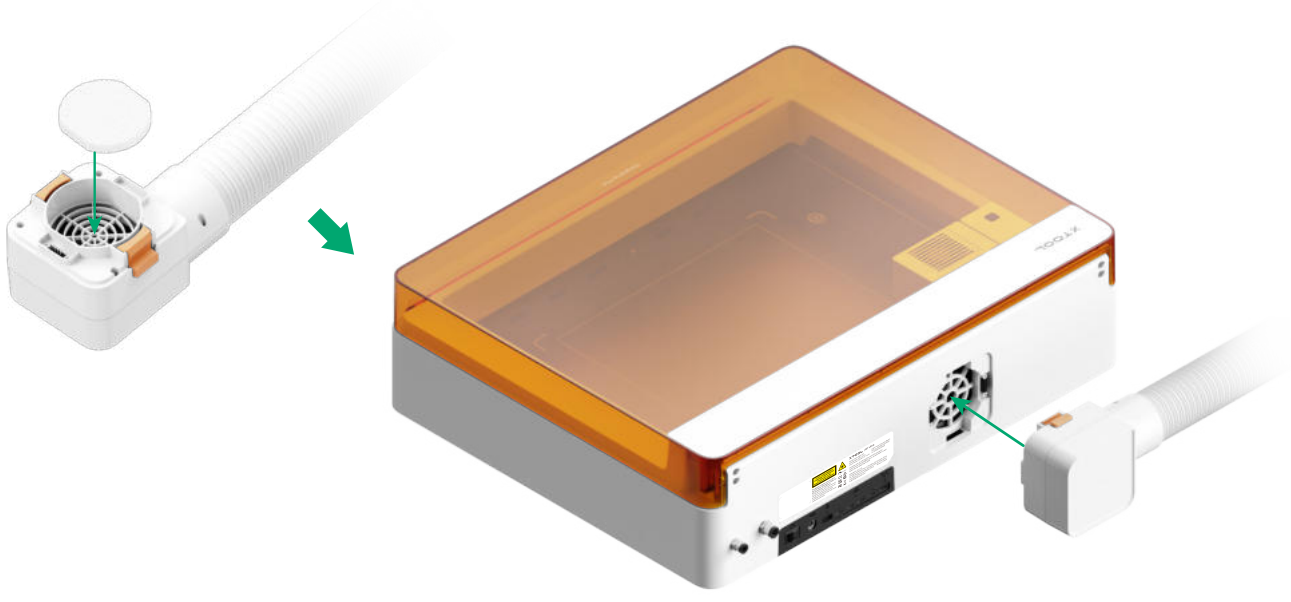




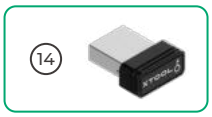


3 Install the smoke exhaust module

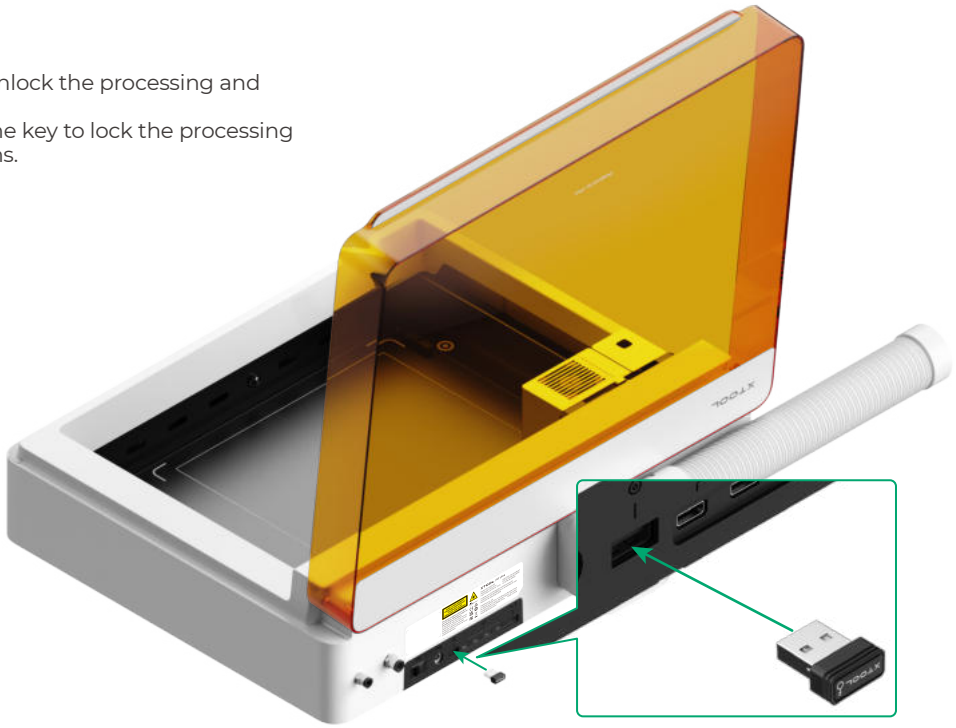
Do not use the smoke exhaust module without the filter. Or it may absorb smoke and dust and get damaged.



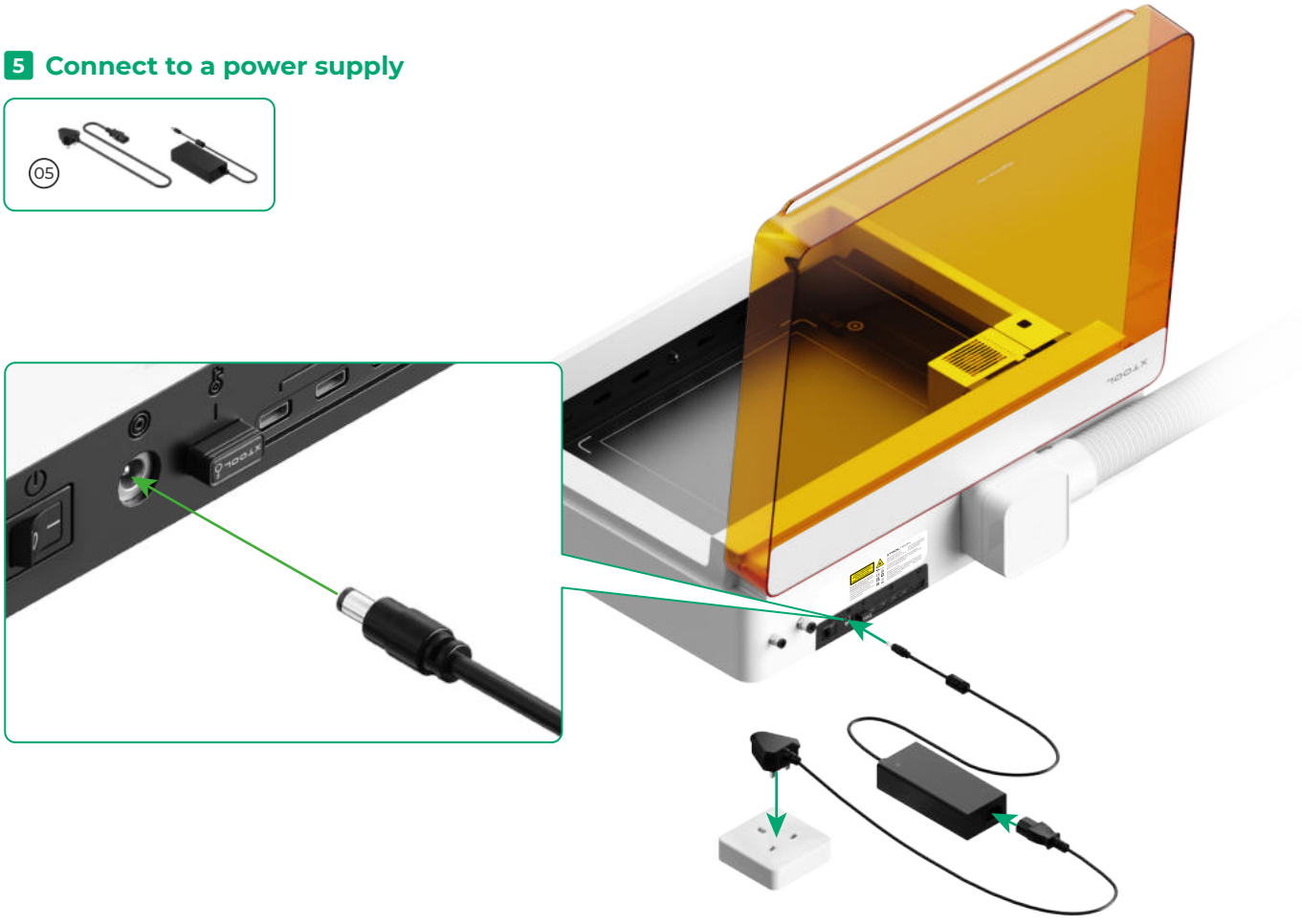
4 Insert the key



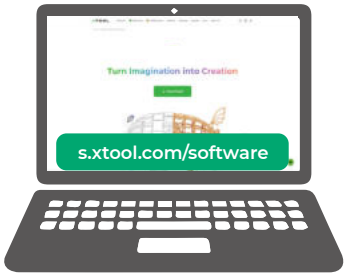
- Insert the key to unlock the processing and related functions.
- You can remove the key to lock the processing and related functions.



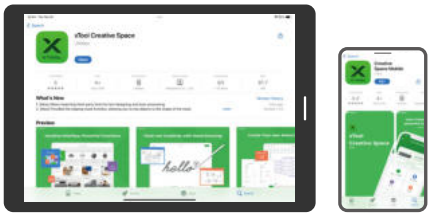
5 Connect to a power supply



6 Get the xTool software



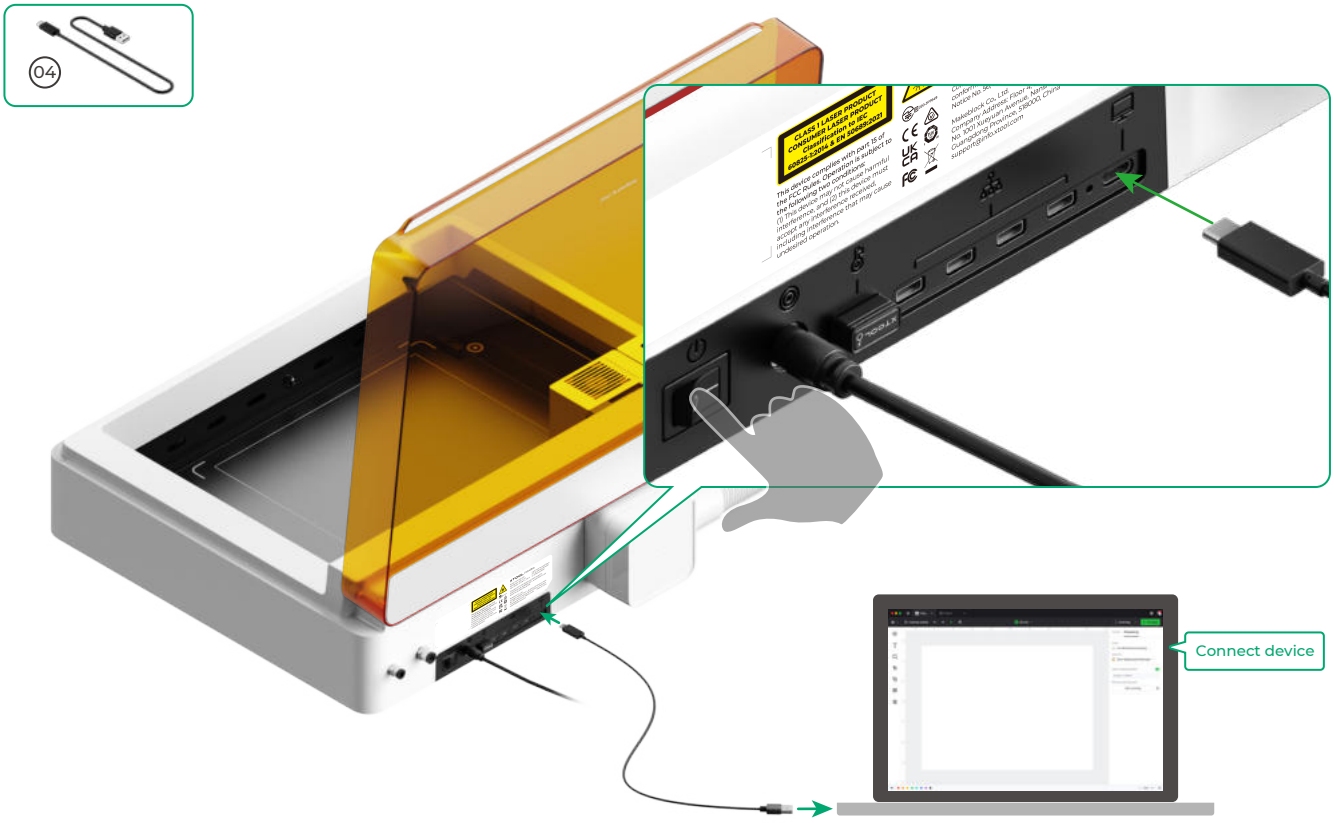
Go to **s.xtool.com/software** to get the xTool software.



Search for **xTool Creative Space** in the App store or scan the following QR code to download the App.

7 Connect xTool M1 Ultra to a computer

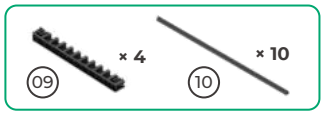
- Turn on xTool M1 Ultra, connect it to a device, and then connect it on the software.

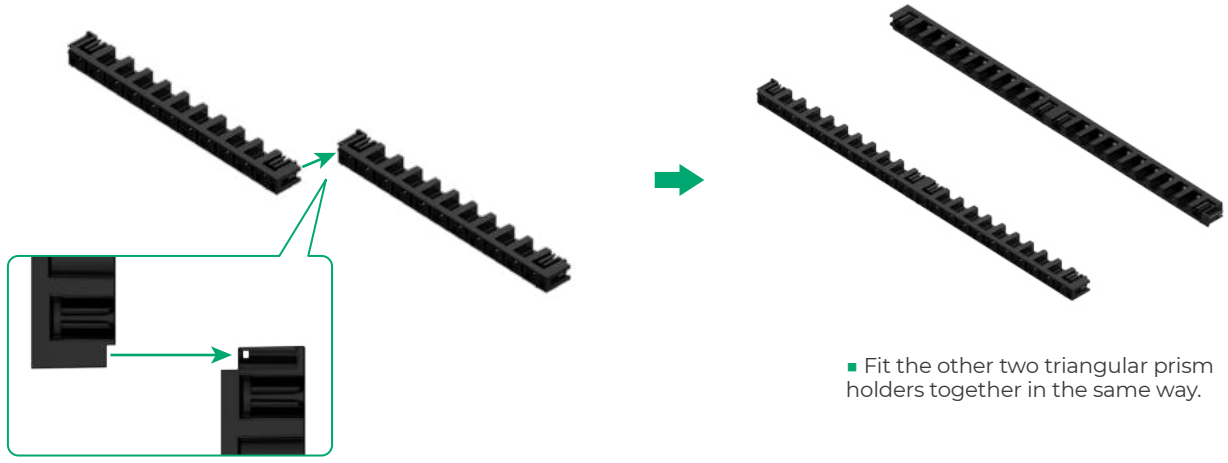


- For details about how to use the software to operate xTool M1 Ultra for material processing, scan the QR code or visit **support.xtool.com/product/35**.

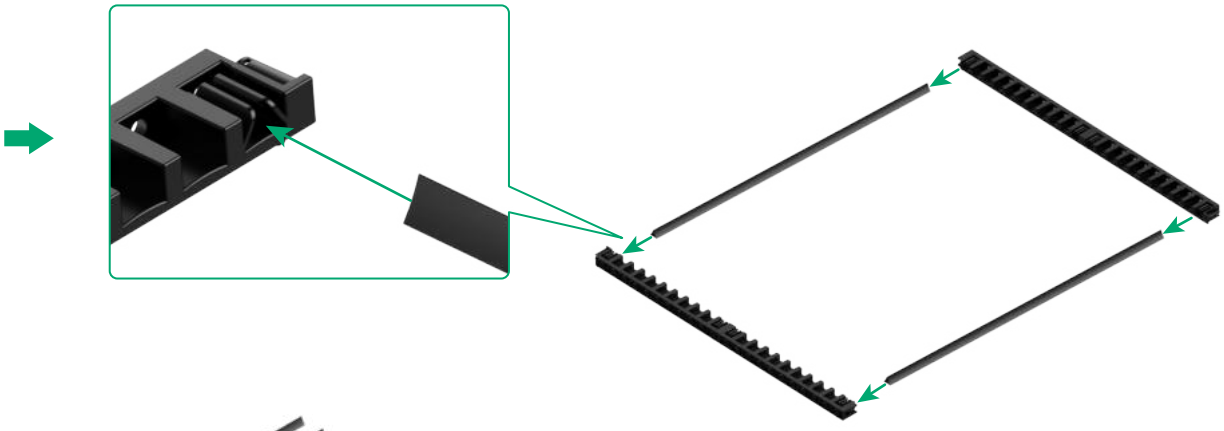
Use xTool M1 Ultra

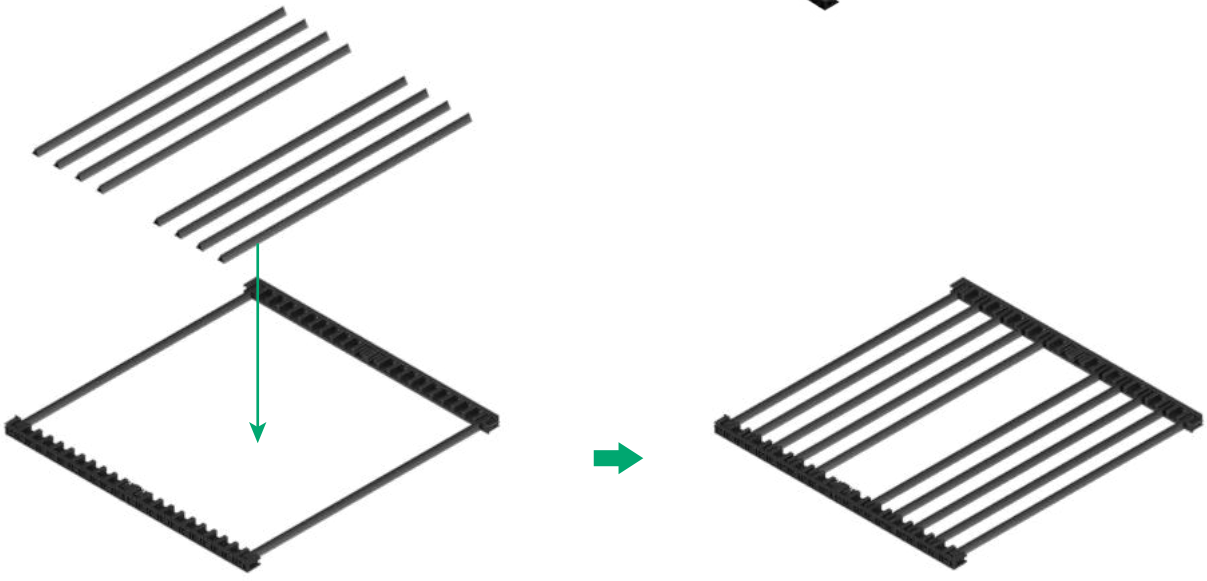
For laser cutting



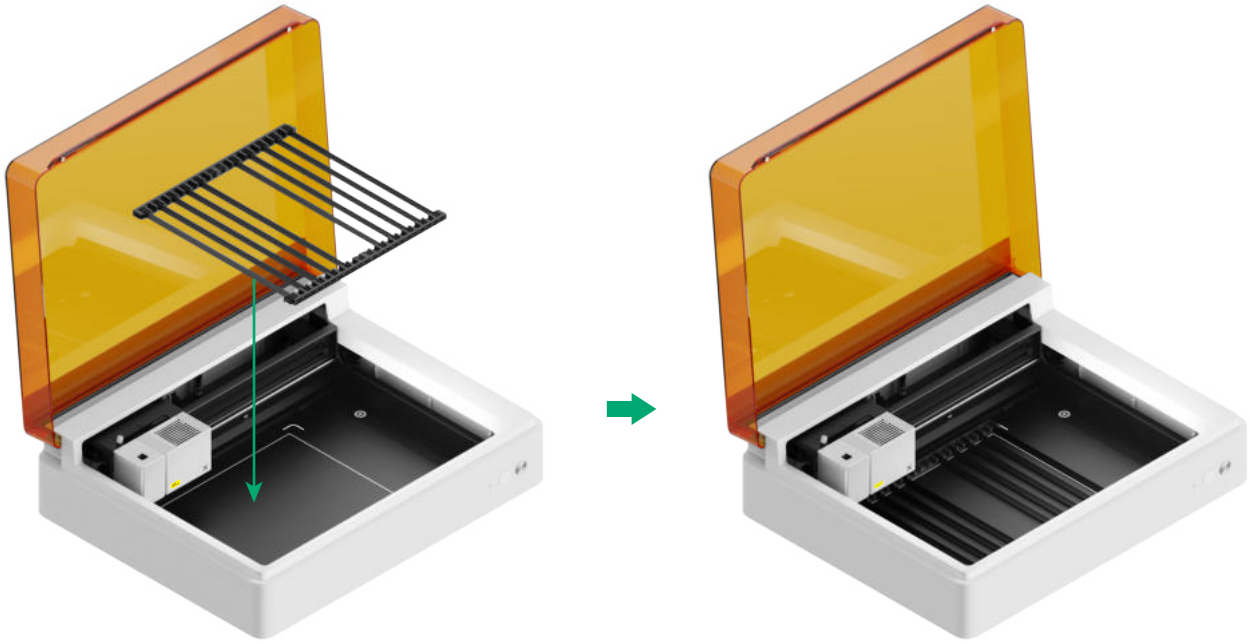


■ Fit the other two triangular prism holders together in the same way.



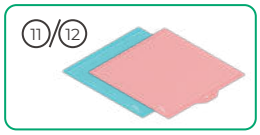


■ Determine the number of the triangular prisms based on the material to be processed.



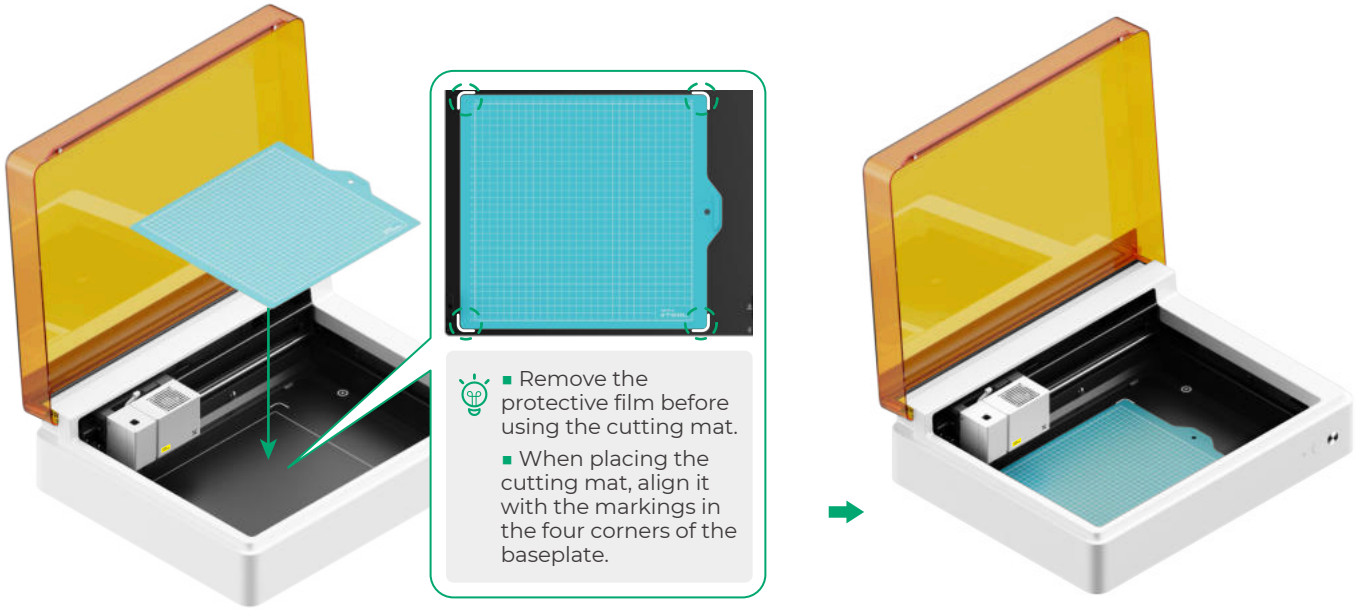
For blade cutting or combination of laser processing and blade cutting

(1) Put the cutting mat on the baseplate



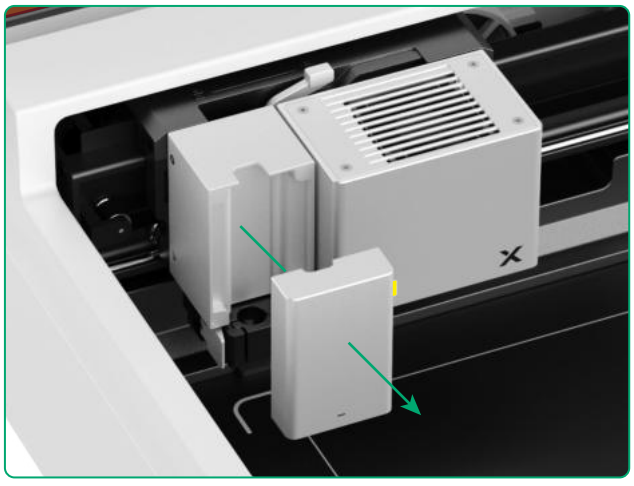
Note: For paper materials such as cardboard and kraft paper, use the LightGrip cutting mat; and for fabric materials such as cloth, use the FrabicGrip cutting mat.
Do not use any cutting mat when cutting a material with laser beams.

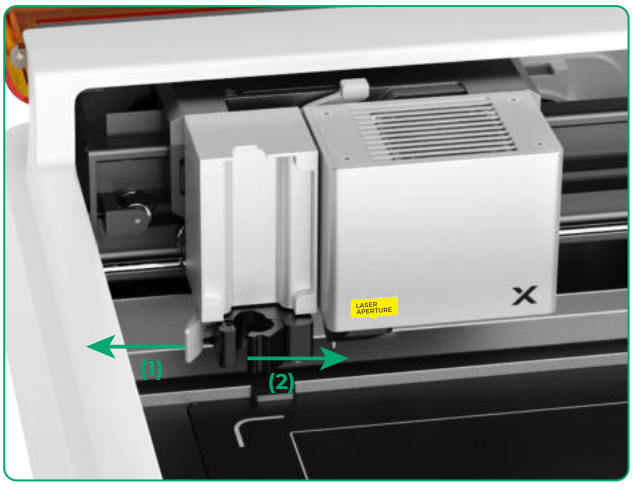
Cutting mat		
Color	Blue	Pink
Applicable to	Lightweight materials	Fabrics
Material	Cardboard, Wrapping paper, Printing paper Kraft paper, Pearl paper	Fabric

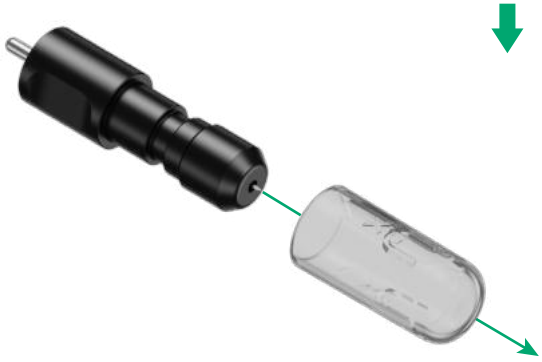


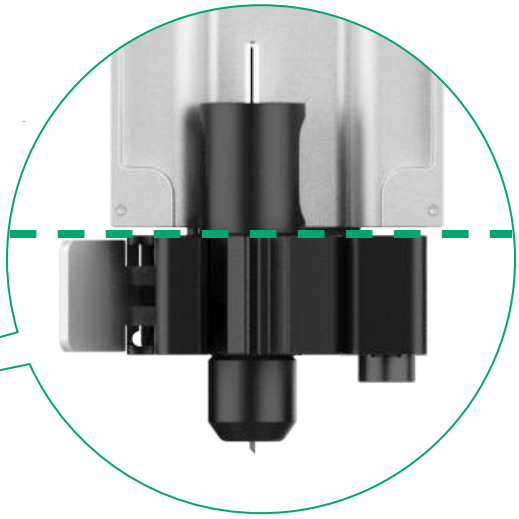
- Remove the protective film before using the cutting mat.
- When placing the cutting mat, align it with the markings in the four corners of the baseplate.

(2) Install the fine-point blade on the basic carriage

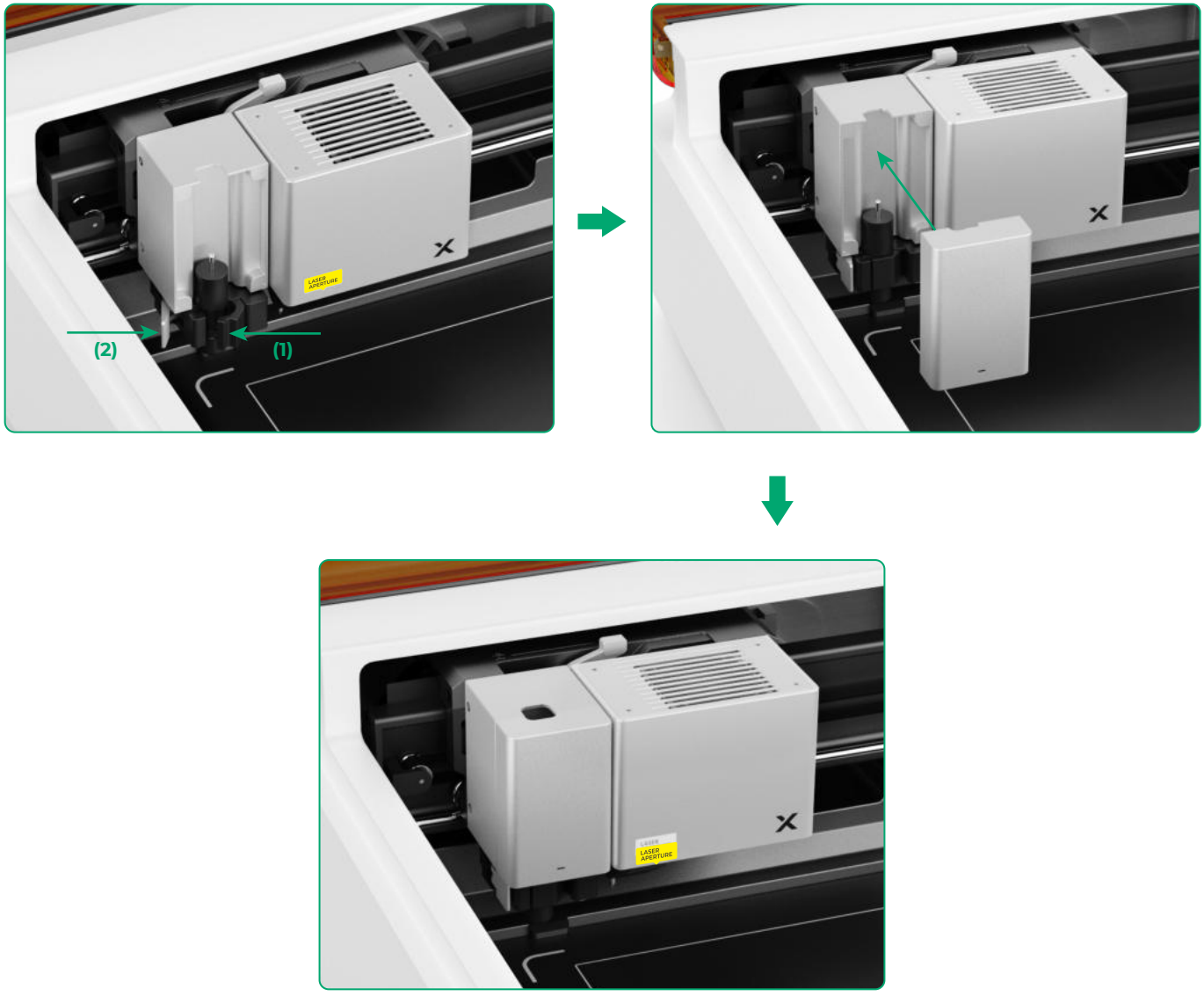






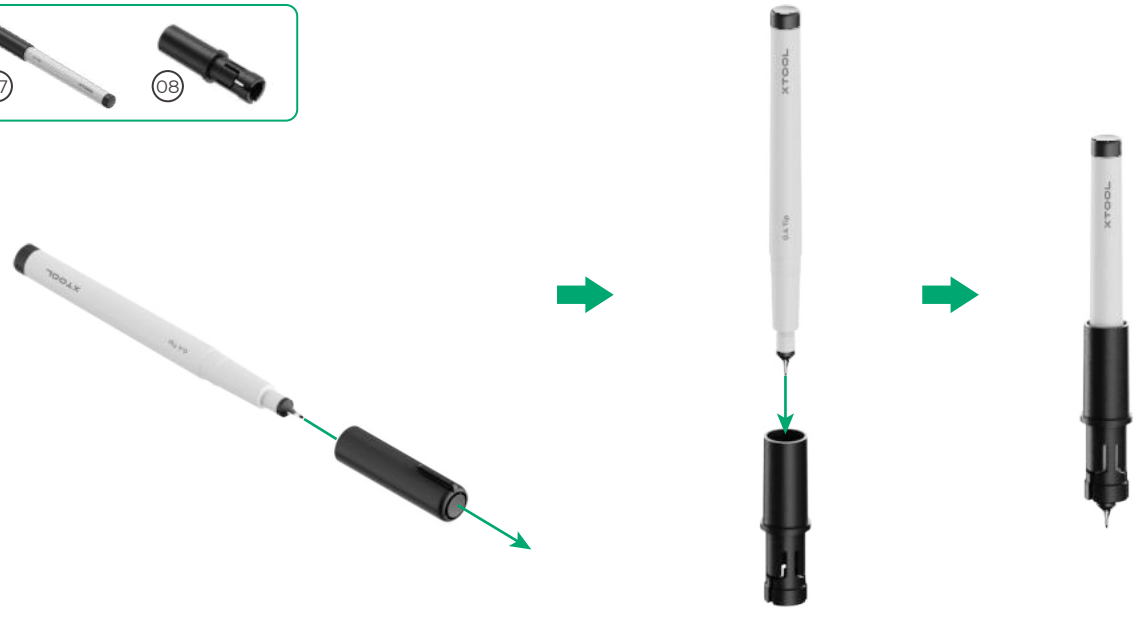


Caution!
Sharp blade

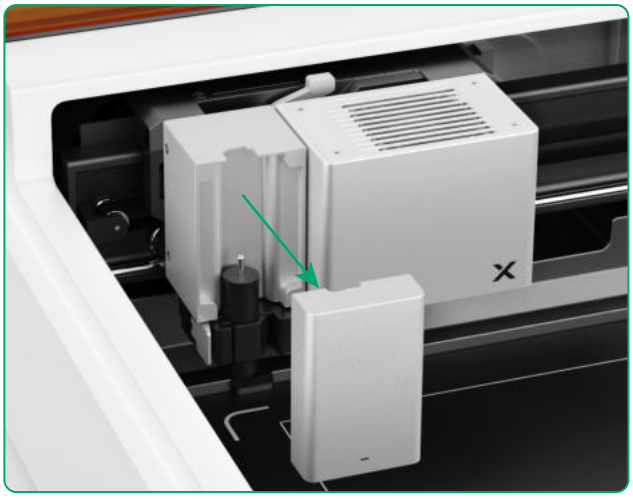


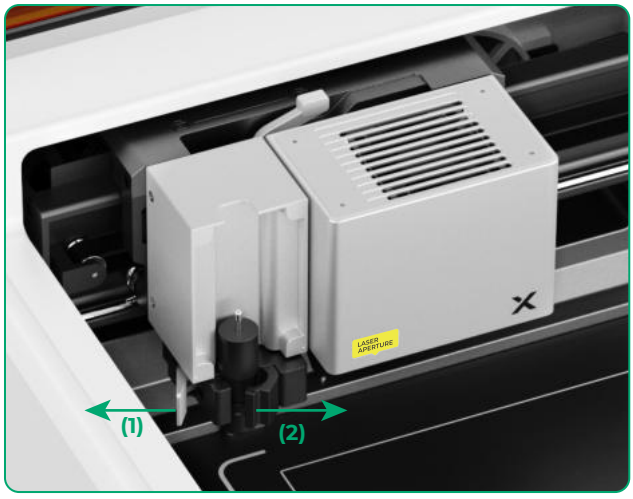
For pen drawing

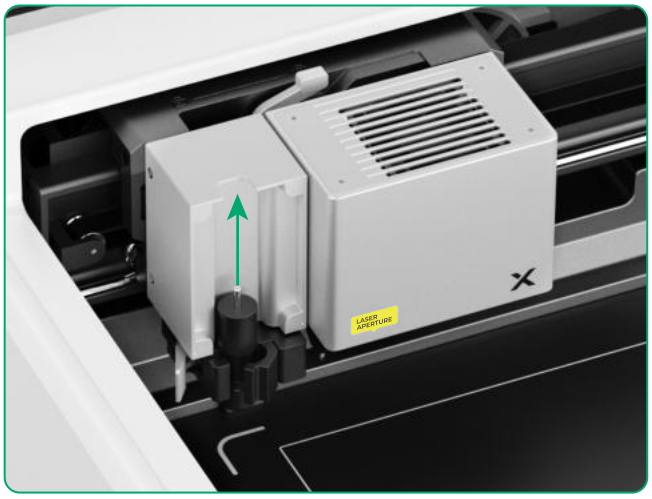
(1) Install the fine-point pen on the pen holder



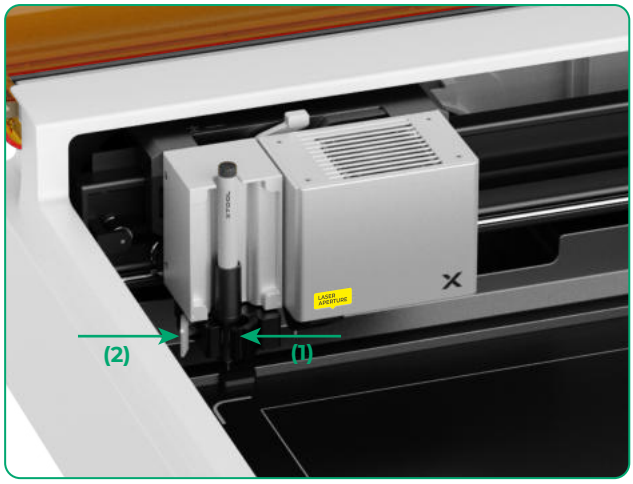
(2) Install the fine-point pen on the multi-function carriage

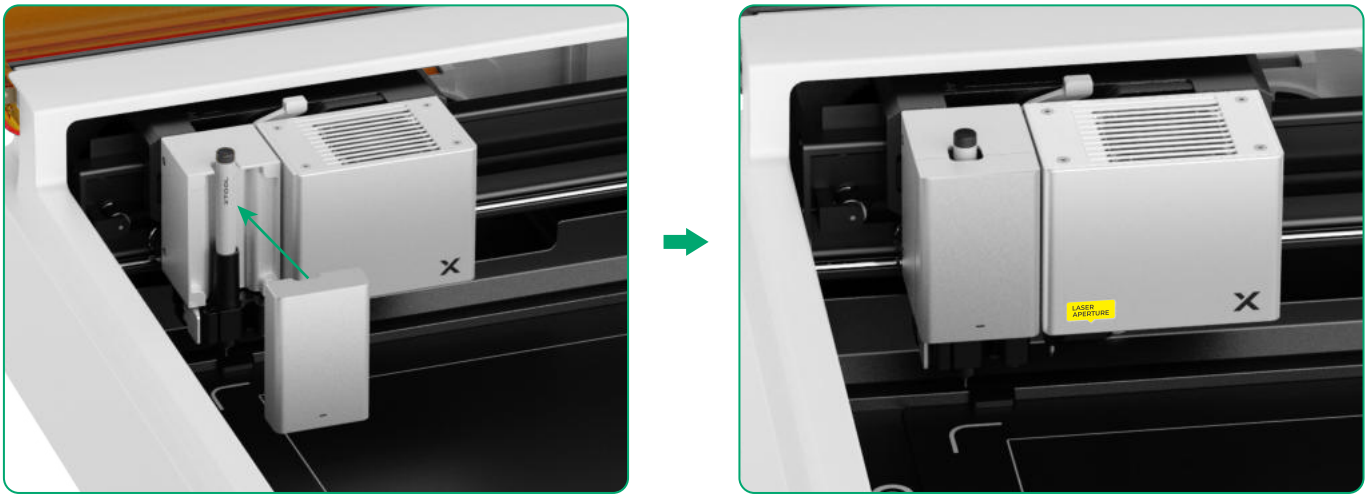






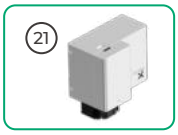
Caution!
Sharp blade

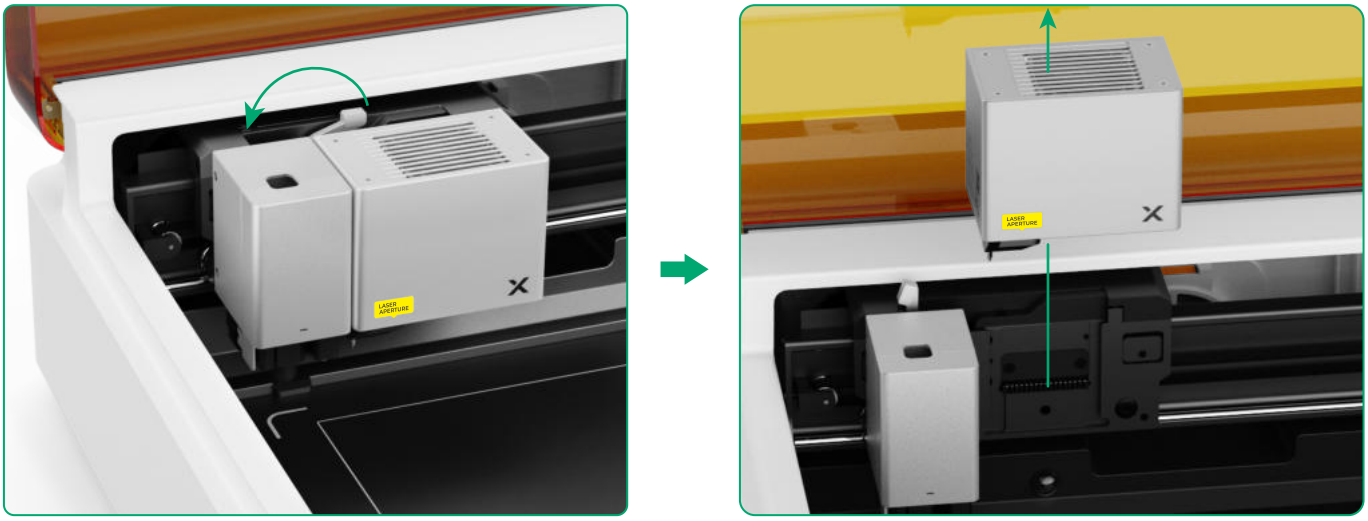




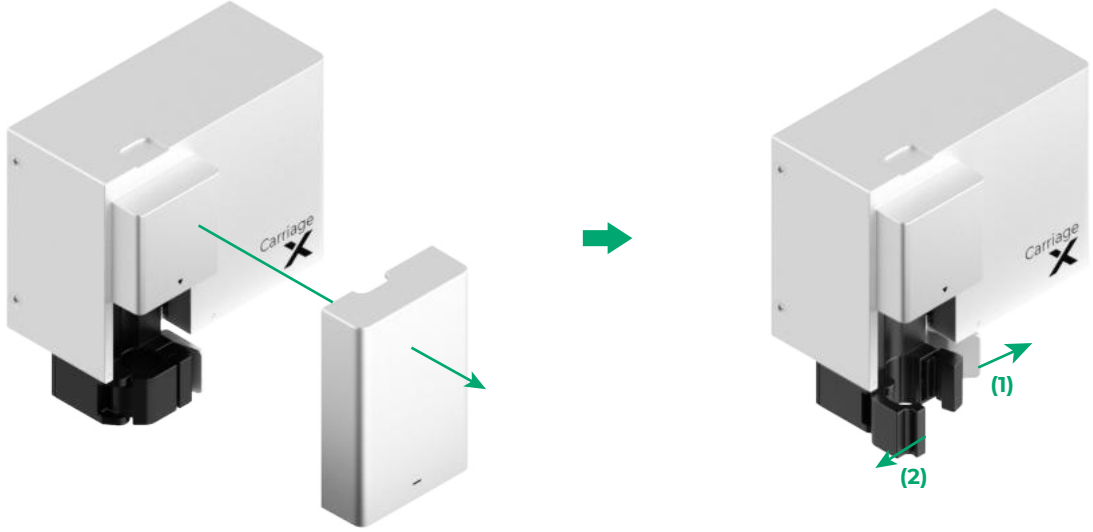
For more functions

(1)

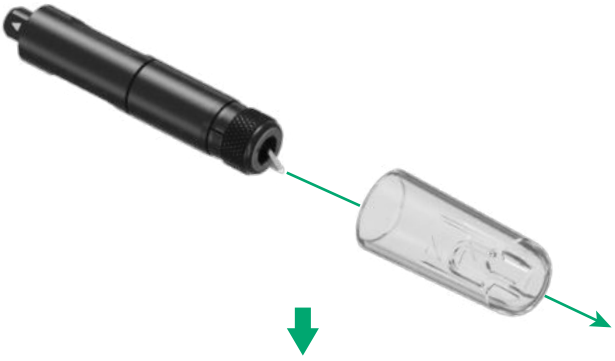


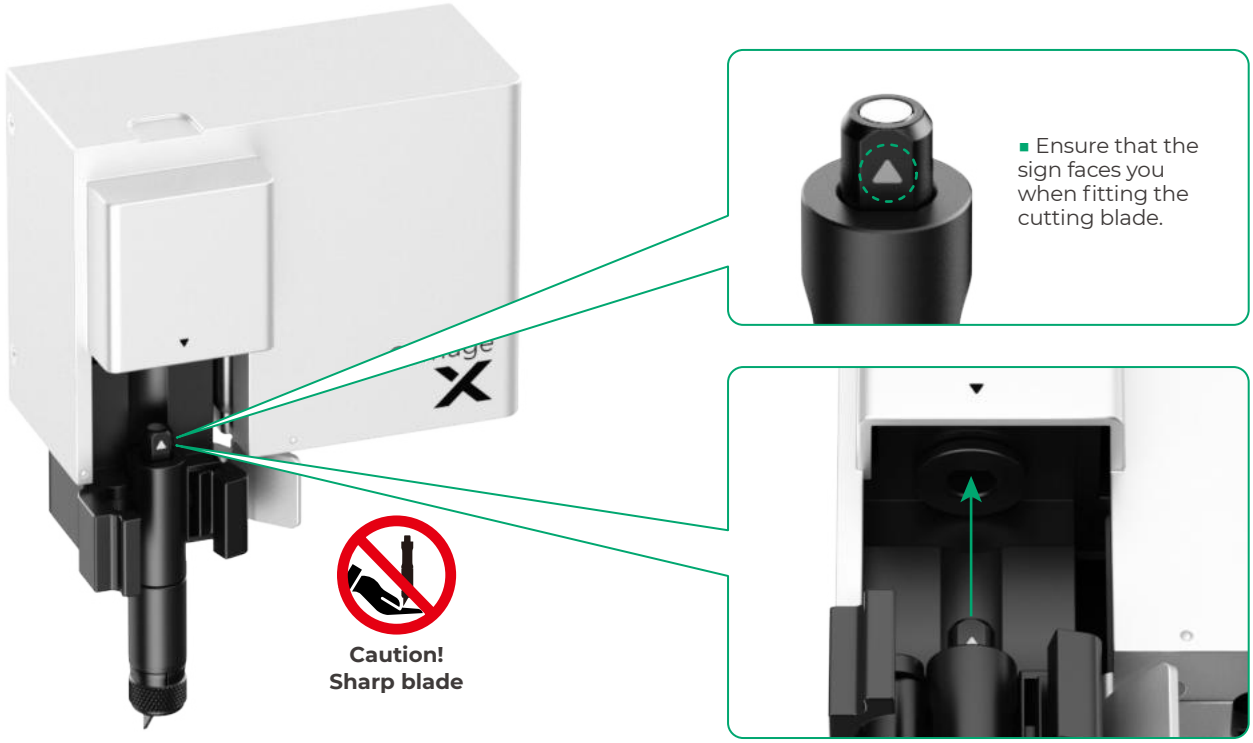


(2) Install the accessory on the multi-function carriage

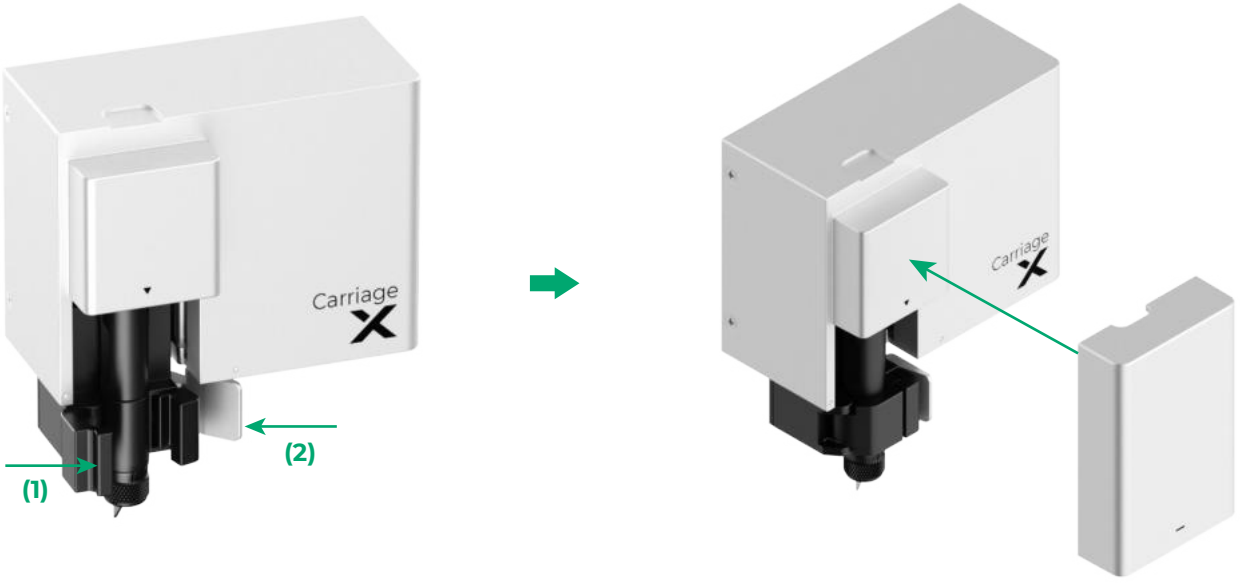


Select accessories according to the processing needs.

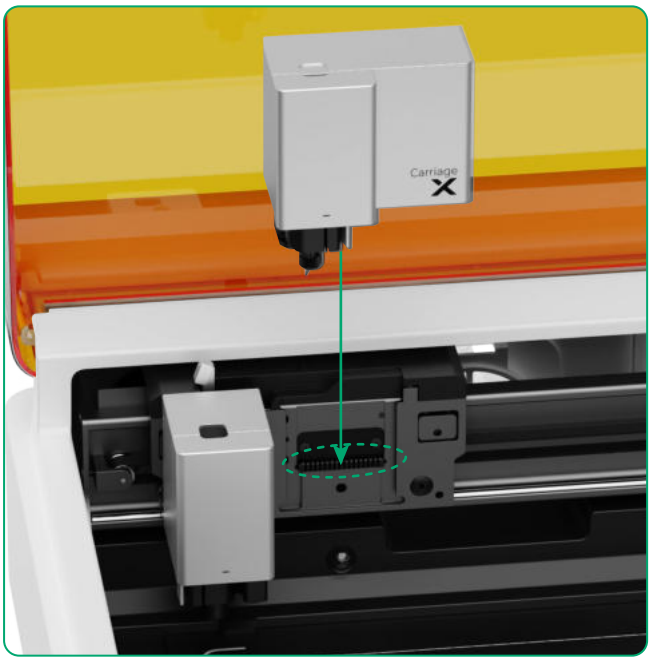


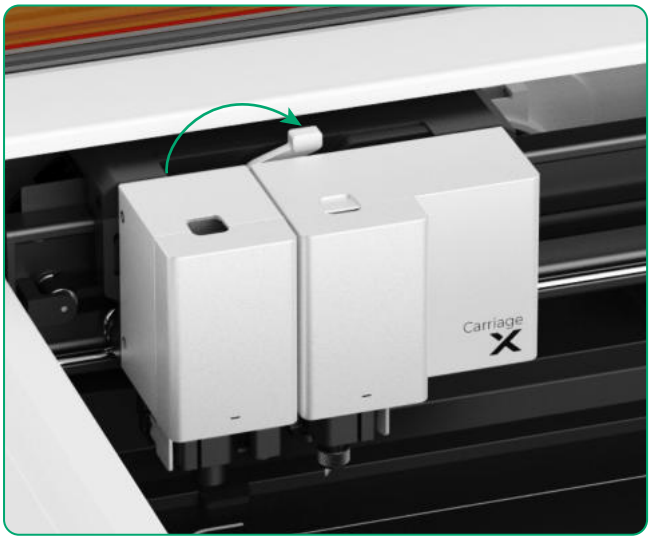


■ Ensure that the sign faces you when fitting the cutting blade.



Carriage
X


Carriage
X


Carriage
X

Indicator description

Indicator status	Buzzer status	Device status
Solid white	/	Standby, not connected to XCS (at AP mode)
Solid light blue	/	Standby, not connected to XCS (at STA mode)
Solid purple	Sounding once	Standby, connected to XCS
Breathing white	/	Sleeping, not connected to XCS
Breathing purple	/	Sleeping, connected to XCS
Blinking purple slowly	/	Firmware updating
Solid green	/	Processing area marking on XCS / Framing / Processing
Blinking blue slowly	Sounding once	Ready for framing / Ready to process
Solid blue	/	Task paused
Blinking yellow	Sounding once	The lid is open or not fully closed during operation.
Blinking yellow	Keeping sounding	Flame detected (small flame) / Device shaken
Blinking red	Keeping sounding	Flame detected (large flame)
Blinking yellow	Sounding three times	Exceptions occur
Blinking red	Sounding three times	Major exceptions occur

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