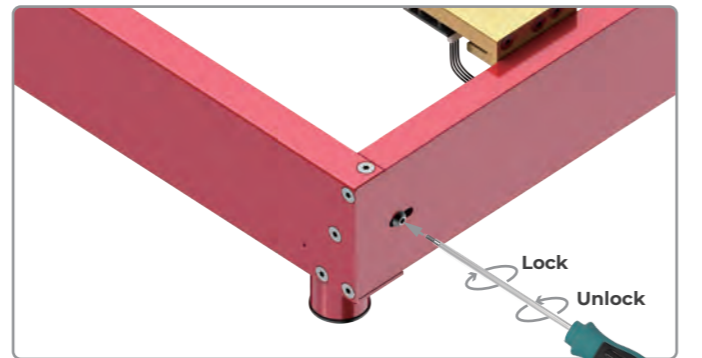
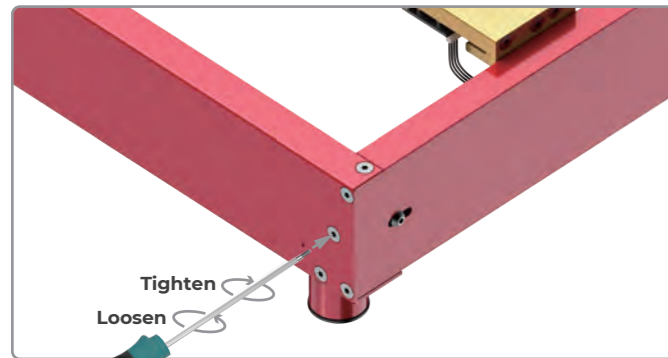
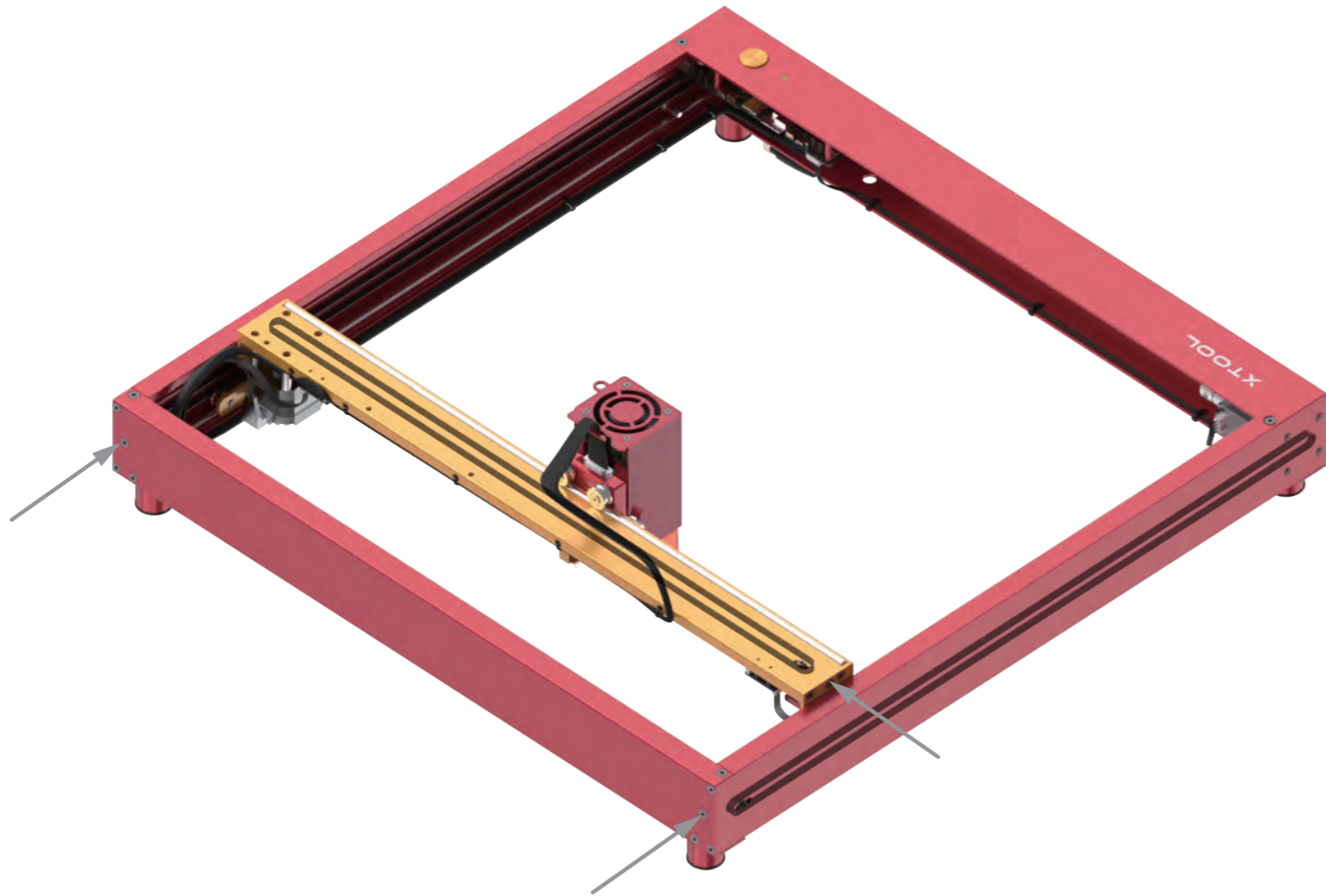


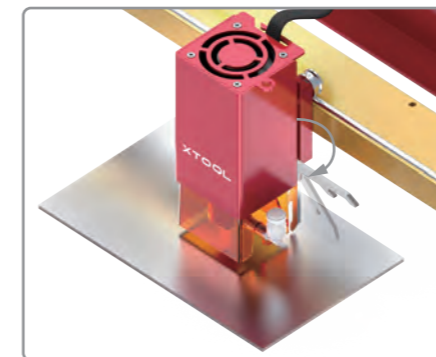
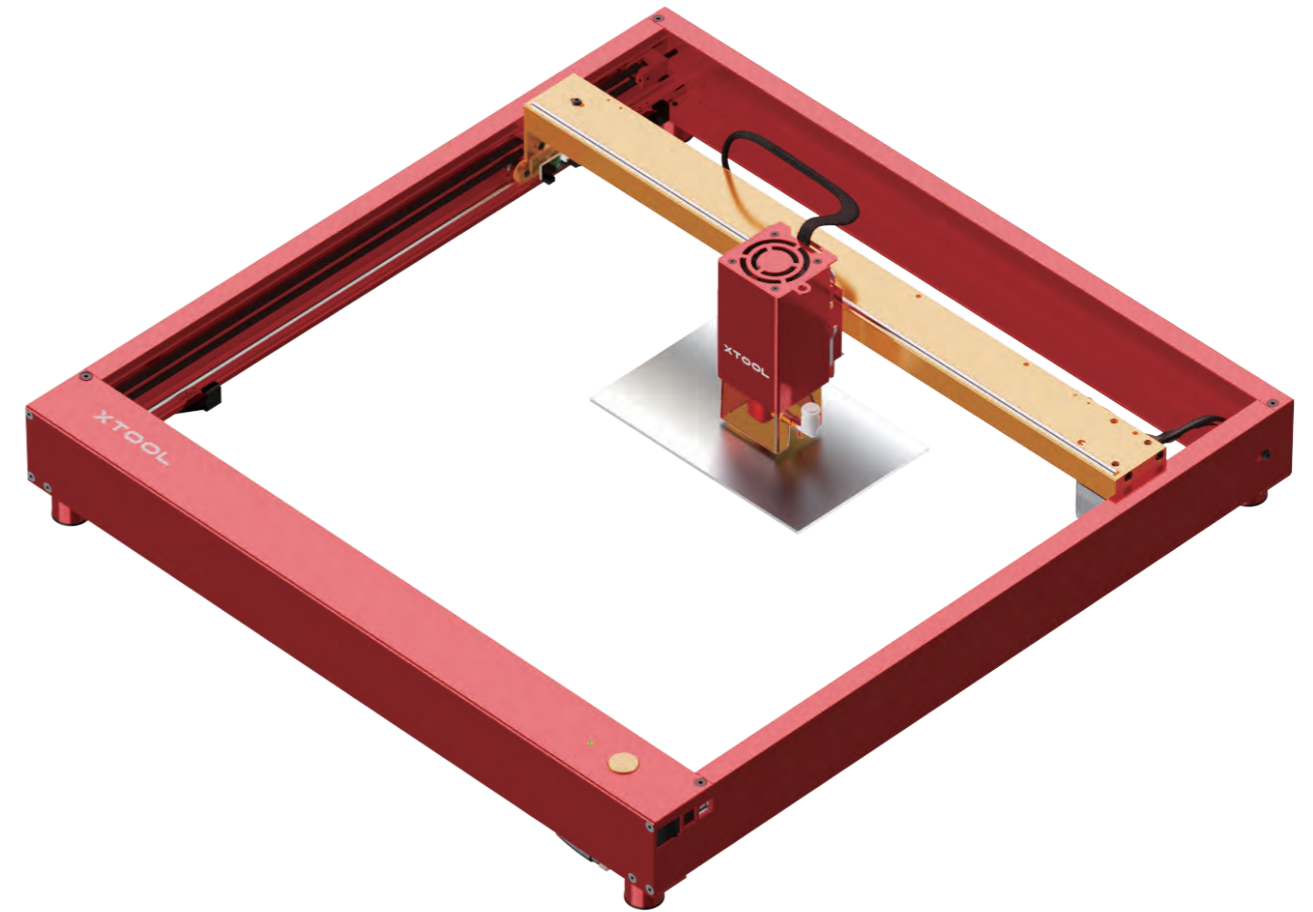
Set up xTool D1 Pro

Adjust the tension of the timing belts

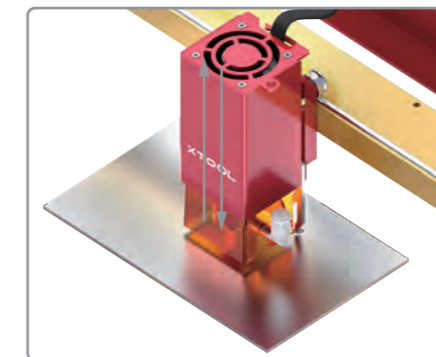


Try to set the timing belts on the right and left plates to the same tension, so that xTool D1 Pro can cut and engrave materials properly.

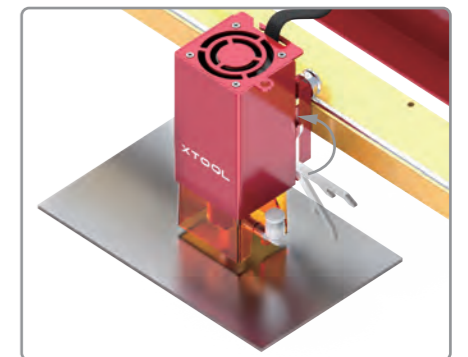
Set the position of the laser module



Put the focal length setting bar down



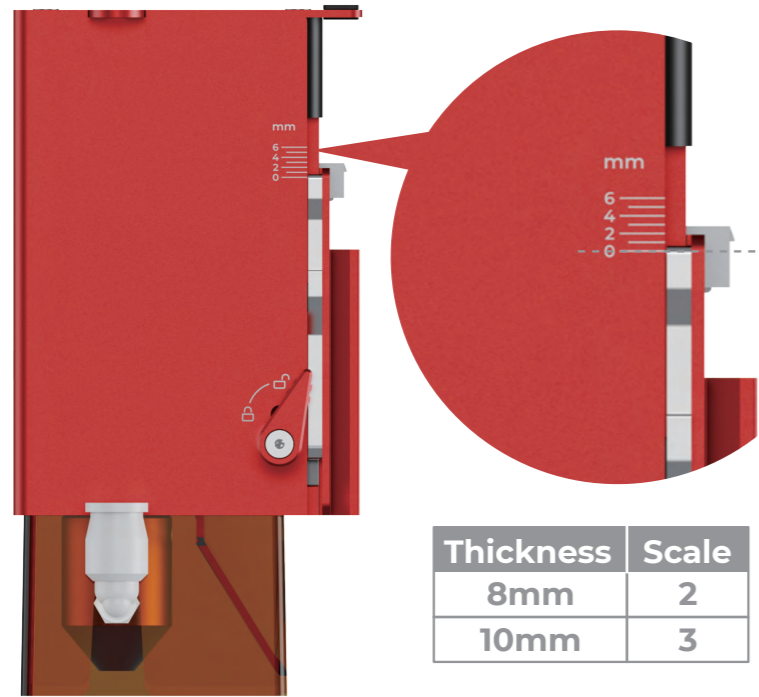
Loosen the thumb screw on the other side and slide the laser module upward or downward



After determining the position, tighten the thumb screw and put the focal length setting bar back

To cut thicker materials, you can adjust the position of the rear plate on the laser module, based on the scale with which the focal length setting bar is aligned, to ensure better cutting performance.

For the 20 W laser module



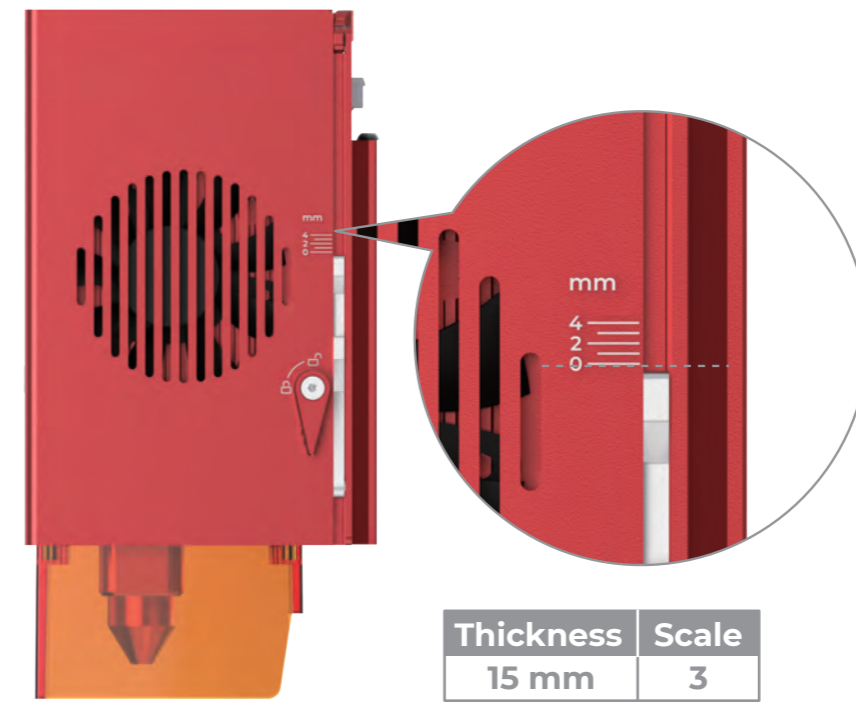
Thickness	Scale
8mm	2
10mm	3

By default, the focal length setting bar is aligned with scale 0. It's recommended that you adjust the position of the rear plate according to the thickness of the material to be processed.



After adjusting the position of the rear plate, you can still use the focal length setting bar to set the position of the laser module.

For the 40 W laser module



Thickness	Scale
15 mm	3



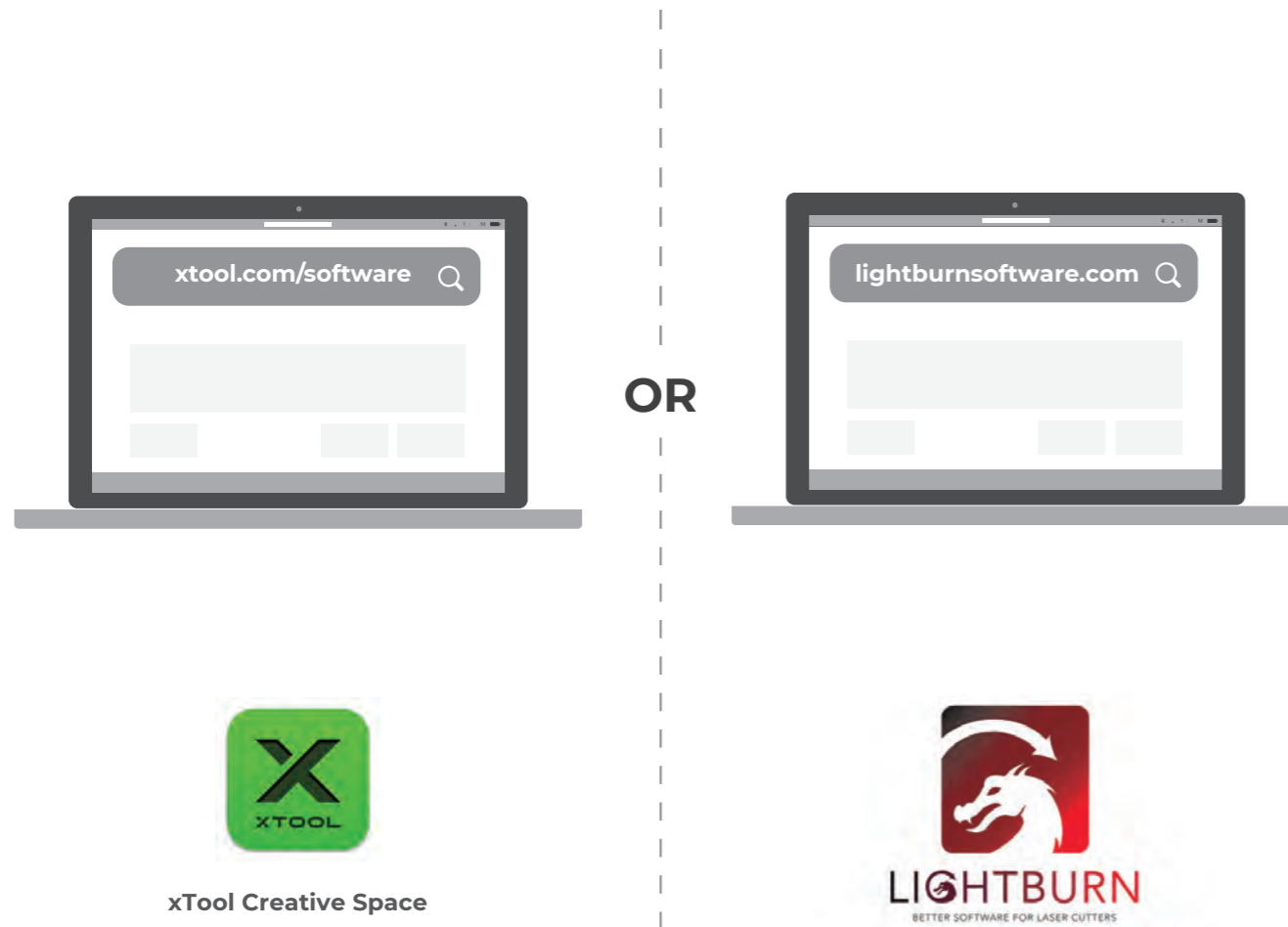
Tips: The settings are tested under a laboratory environment and are for reference only. The setting may vary according to material, so it is recommended you test the materials before starting to process.



Download and install software

You can download xTool Creative Space (XCS) at our official website xtool.com or use the third-party software LightBurn to operate xTool D1 Pro.

Note: You need to purchase LightBurn before using it.



Create with example projects

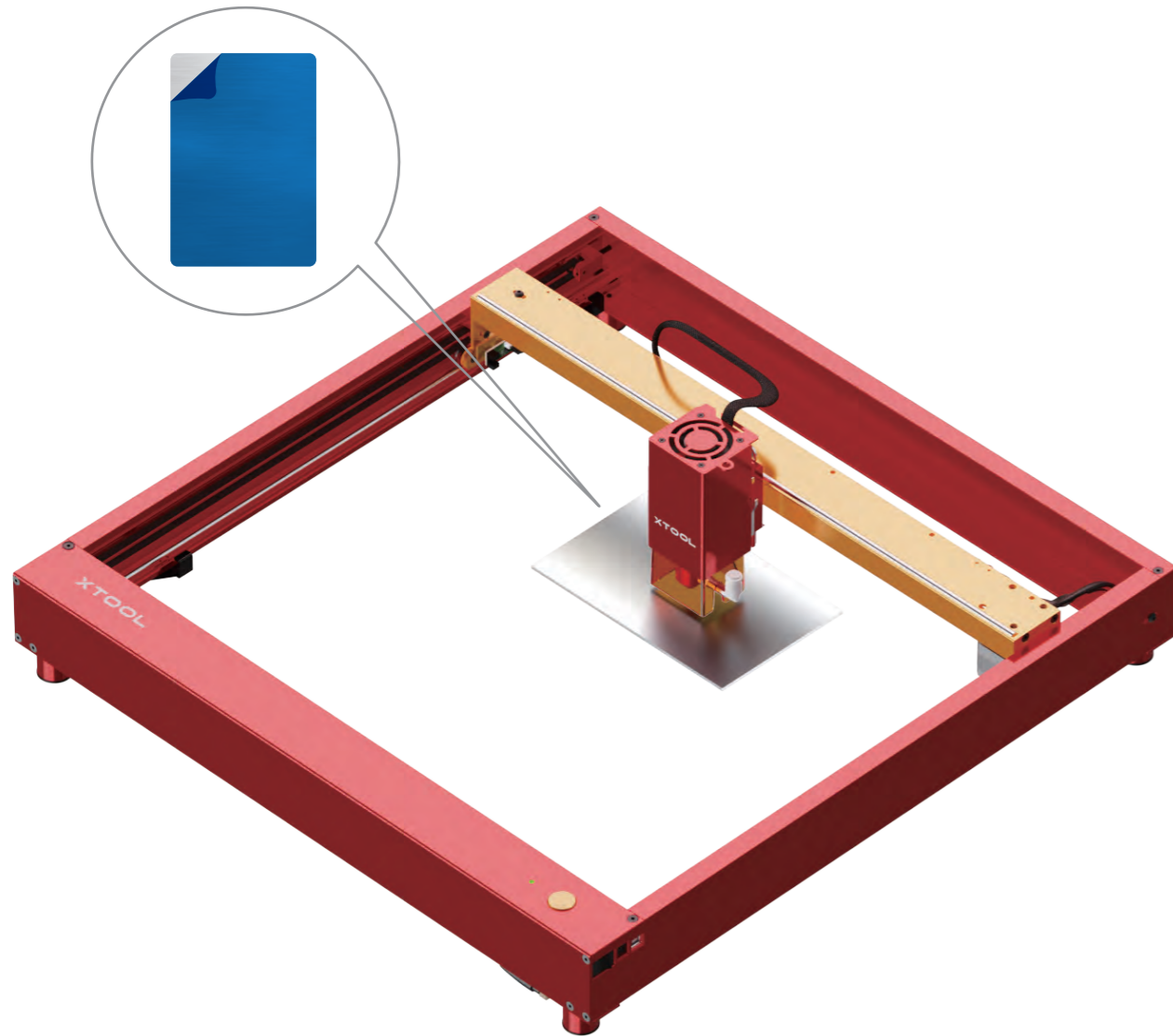


Before starting your creation, you are advised to test the parameter settings and engraving performance first to prevent waste of materials. For example, you can engrave on an area near the edge of a material to see the engraving performance. For valuable items, especially, you can engrave on a substitute for testing.



xTool D1 Pro is delivered with a material pack that allows you to start your creation. Scan the QR code to find example projects and tutorials. Alternatively, you can click **Support** on xTool Creative Space (XCS) and then choose **xTool D1 Pro > xTool D1 Pro Example Project Files & Tutorials**. You can download the example projects and follow the instructions to create your first works.

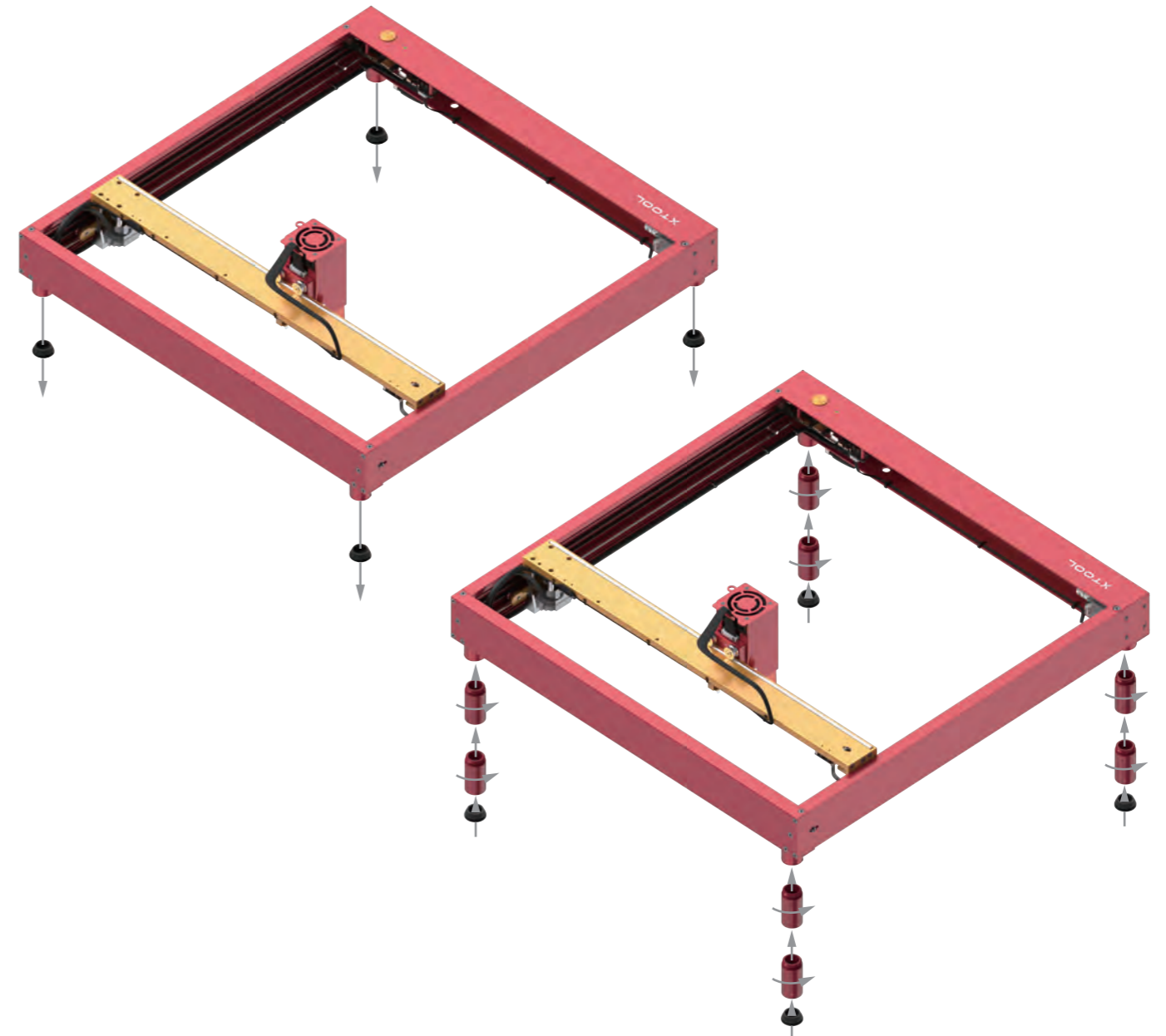
Before creating your works, you can place the aluminum sheet in the working area of xTool D1 Pro to protect your desk or floor from being smoked or burned.



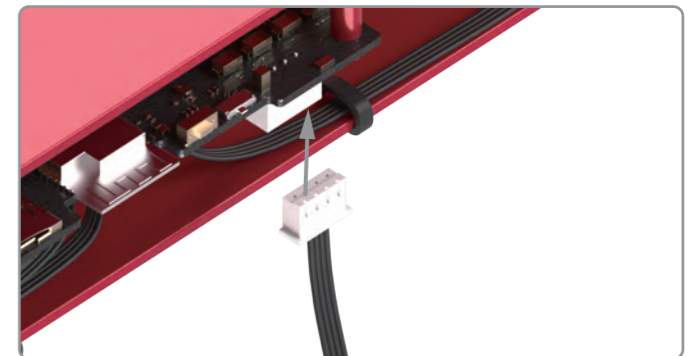
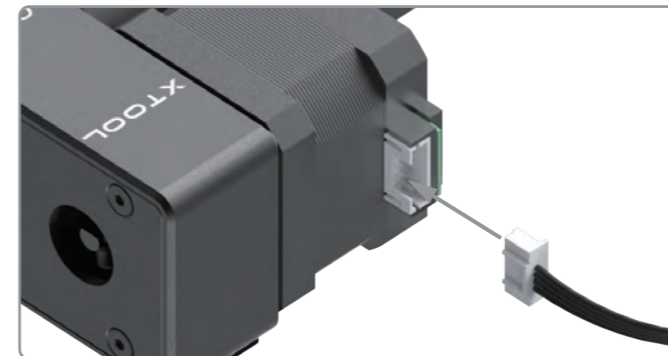
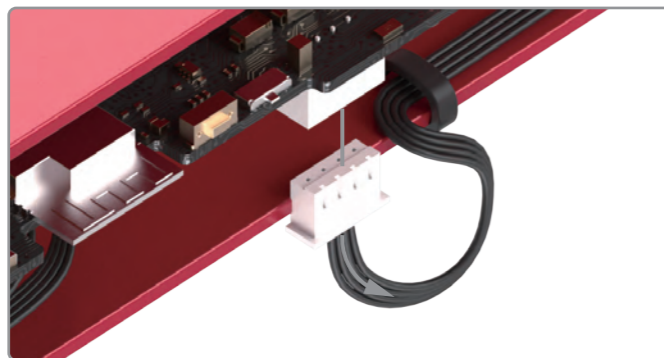
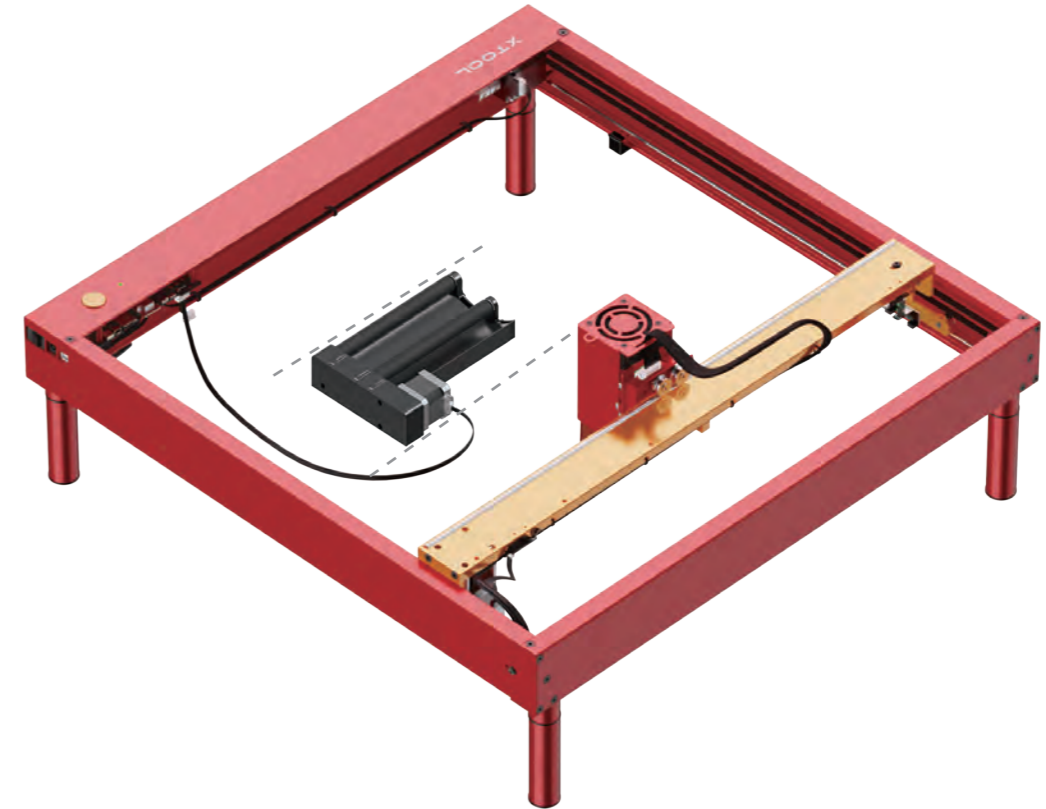
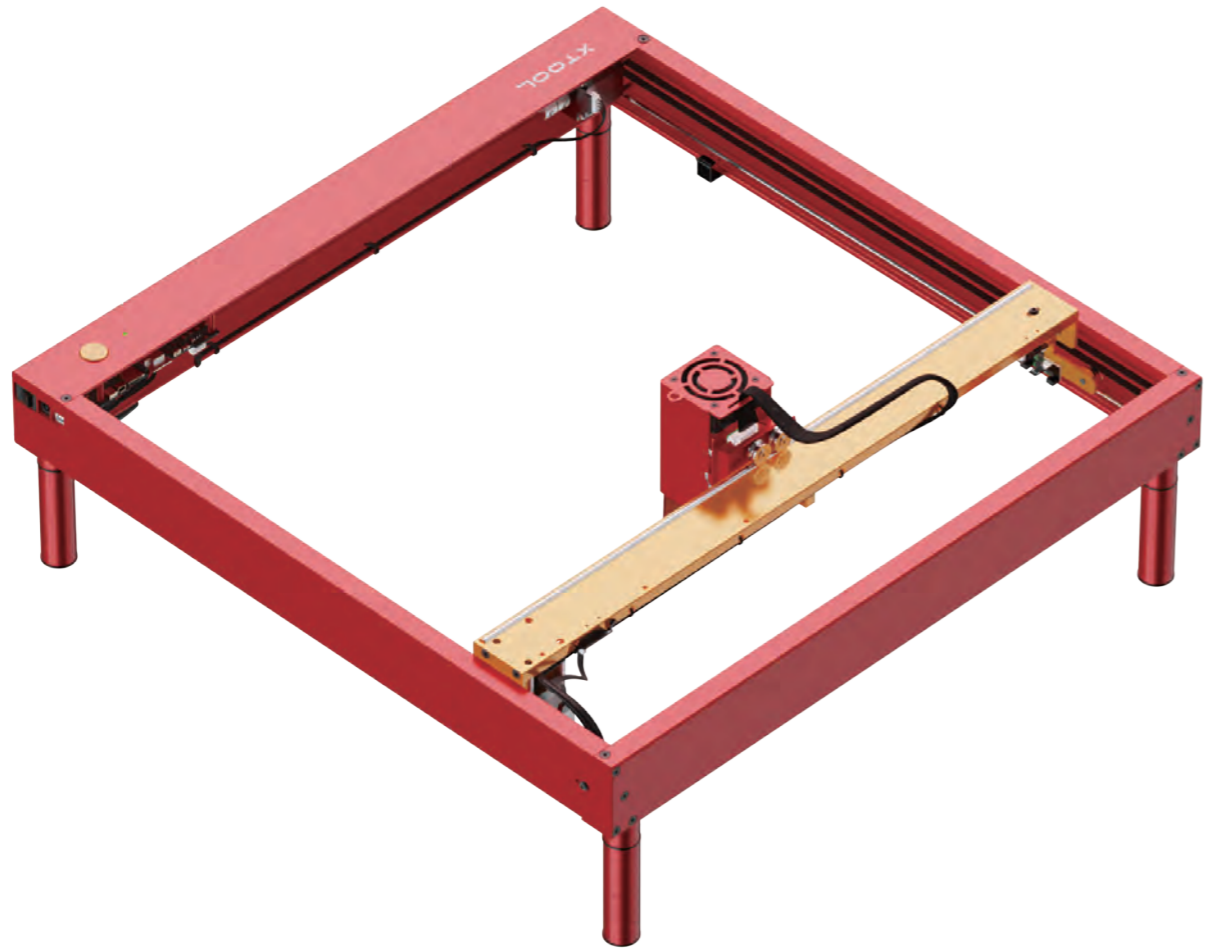
Use Rotary Attachment 2




You can connect xTool D1 Pro to Rotary Attachment 2 to engrave cylindrical or irregular materials. Rotary Attachment 2 needs to work with a device and software. For details about how to use it, visit support.xtool.com.



If the aluminum sheet is not flat due to film removing, you can use masking tape to stick it on your desk or floor.




Place Rotary Attachment 2 parallel to the working area of xTool D1 Pro.
 Before you connect it to xTool D1 Pro , you may need to set its level based on the diameter of the material to be processed.

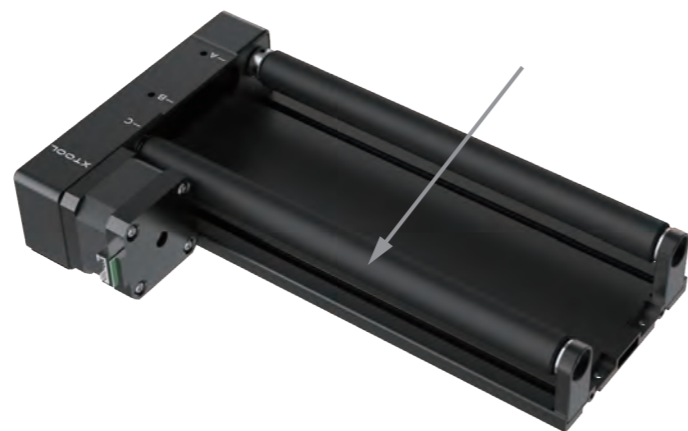
Level reference



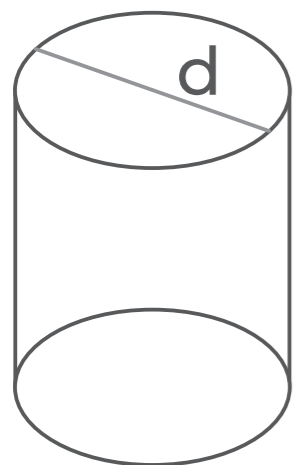
Level A: $3 \text{ mm} \leq d \leq 50 \text{ mm}$



Level B: $45 \text{ mm} \leq d \leq 60 \text{ mm}$

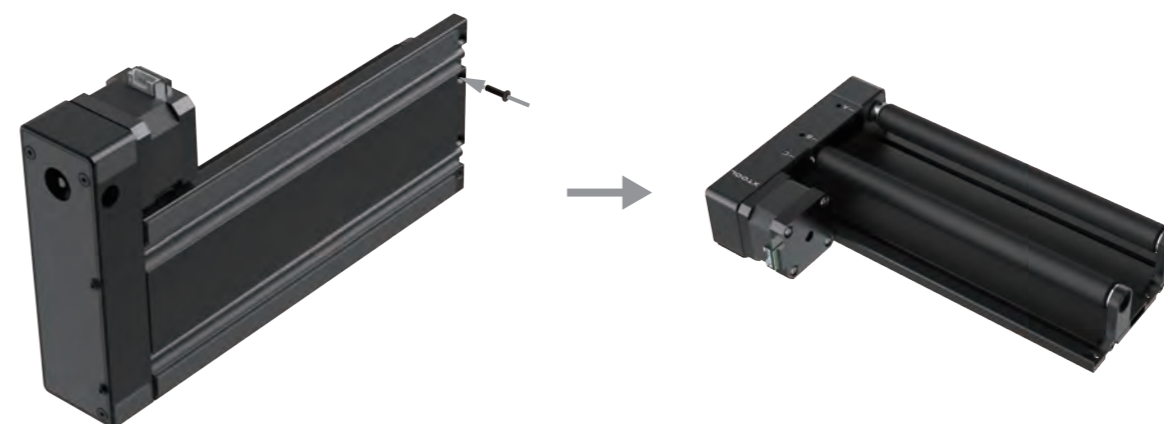
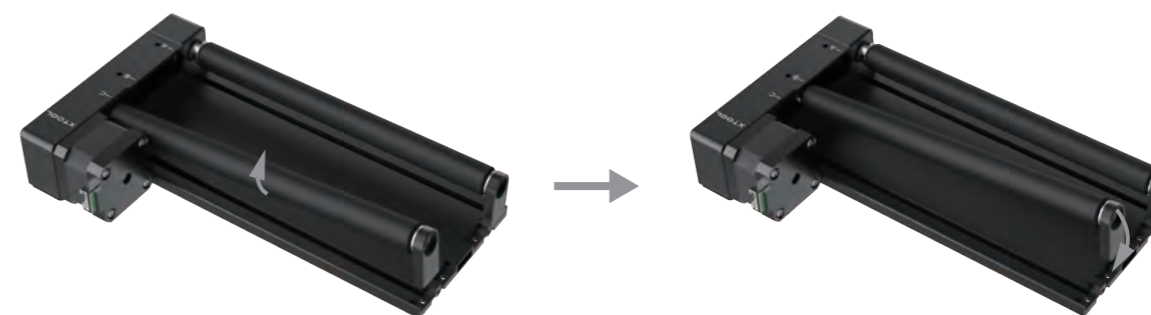
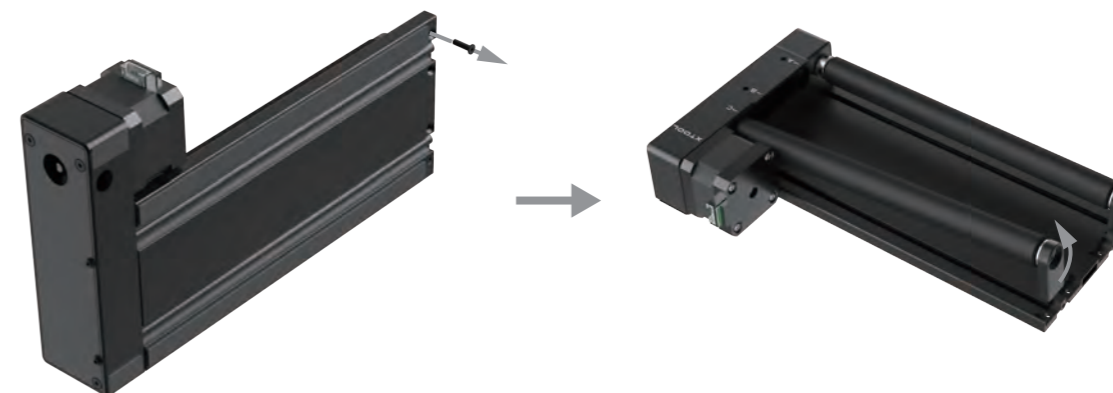


Level C: $d > 60 \text{ mm}$



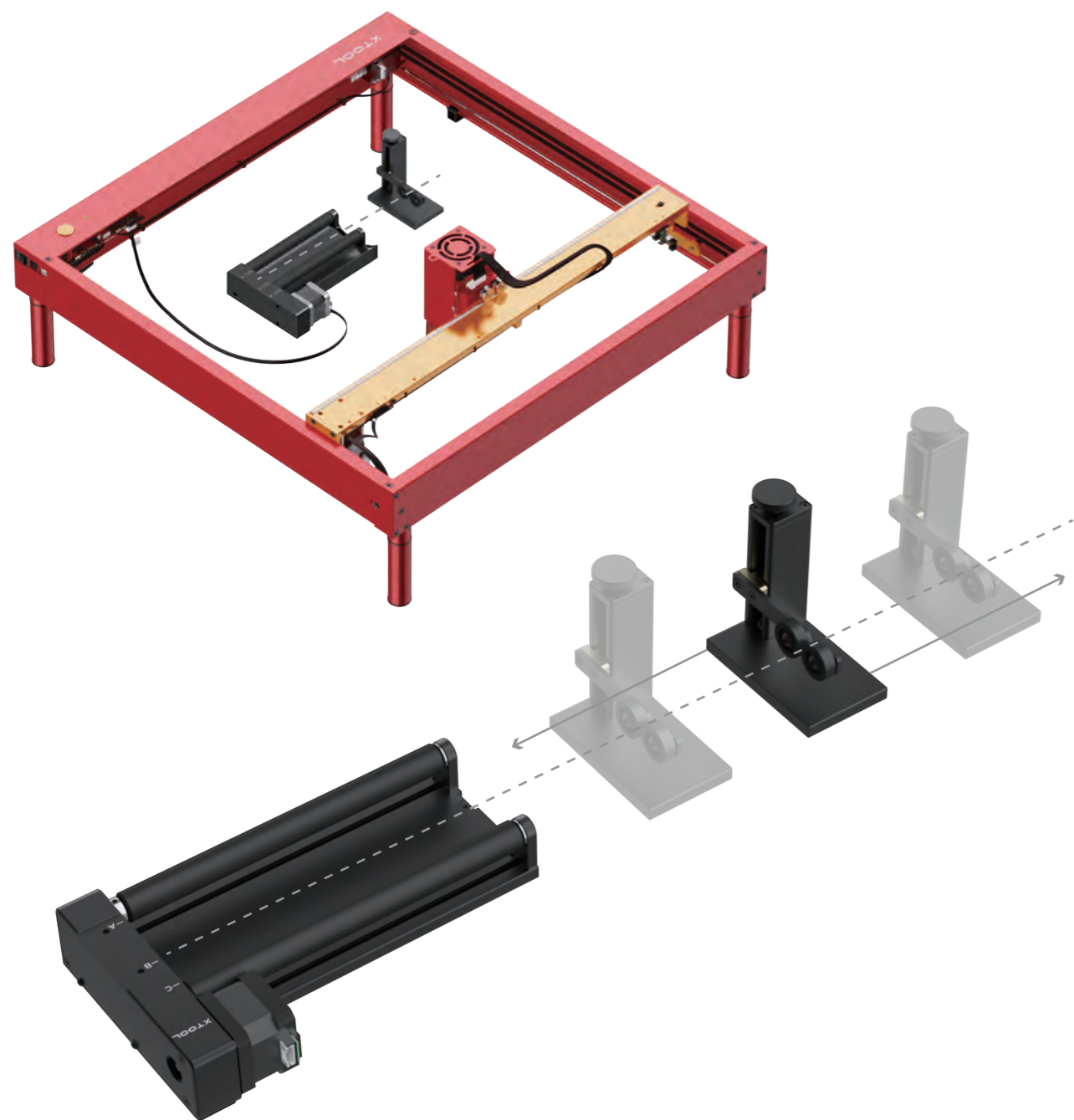
Set the level

Use the changing of the level from C to B as an example.



Use the support module

The support module is applicable to the processing of irregular objects or objects that are too long for Rotary Attachment 2.



Set the support module



Turn the knob clockwise to move the support wheels upward



Turn the knob counterclockwise to move the support wheels downward



You can place the support module as required.

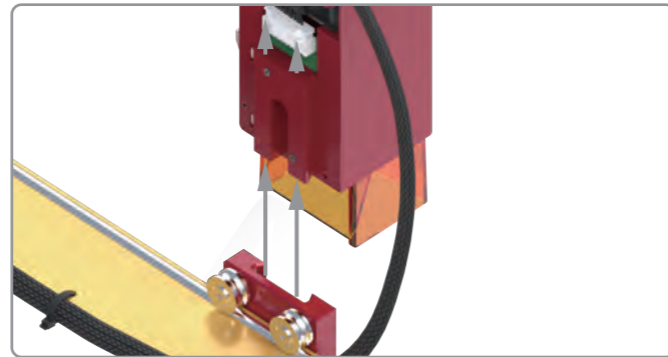
Clean the laser module



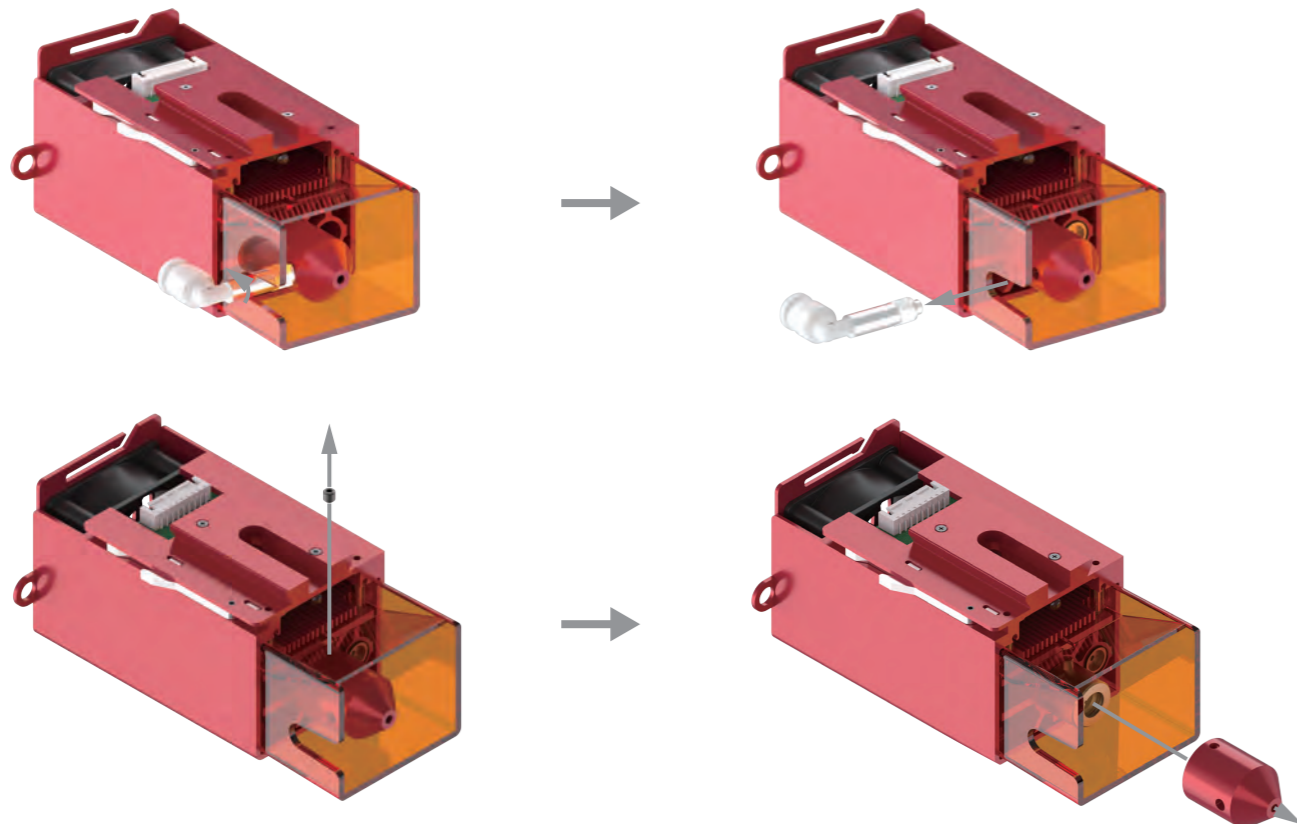
For the 20W laser module, you are advised to clean it, including the inner and outer frames of the light shield, lens, and red light outlet, every time after it has been used for one consecutive hour.

When the light shield is dirty or laser beams can't cut a material, you need to clean the laser module.

1. Turn off the device and remove the laser module from the device.



2. Remove the nozzle and its connector from the laser module.



3. Clean the inner and outer frames of the light shield with tissues or dust-free cloth moistened with alcohol; and clean the lens and red light outlet with a cotton swab moistened with alcohol.

