

XTOOL

Quick Start Guide

XTOOL



THANK YOU!

Dear xTooler:

Thank you for purchasing xTool D1. We are so grateful for your recognition, and sincerely hope you will enjoy this product!

xTool D1 is a high-accuracy and high-power laser engraver and laser cutter. From novice to expert, from home use to business, xTool D1 is ready to give you the best laser engraving & cutting experience.

Our mission is to make it easier for everyone to create with our machine. We attach great importance to product experience and user suggestions. Please let us know if you have any questions at anytime, we are always here to help. You can join our facebook group which gathers 25000+ innovators like you, to share creative ideas and get inspired by others.

By visiting our online store, you can also find our latest accessories and various materials to maximize the magic of xTool D1.

Thanks again for your support, and we will consistently provide quality products and services in the future.

Sincerely,

 CEO

Official Website: www.xtool.com

Facebook Group: xTool D1 Official Group / Makeblock xTool Official Group

Support Center: support.xtool.com

Technical Support: support@xtool.com

Unbox and check	1
Assemble xTool D1	4
Meet your xTool D1	23
Set up xTool D1	24
Download and install software	26
Connect Rotary Attachment	27

Unbox and check

A



Rear plate

B



Front plate

C



Left plate

D



Right plate

E



Middle plate



Shaft



Power adapter & cable



USB cable



Motor & laser cables



Motor cable



Cable tie pack



TF card



Coupling



Hex key



Screw M4*8



Screw M4*25



Dog tag



Wood board



Aluminum sheet



Lether



Screw M4*16



Laser module



Safety goggles



User manual



Riser
(included only in some packs)

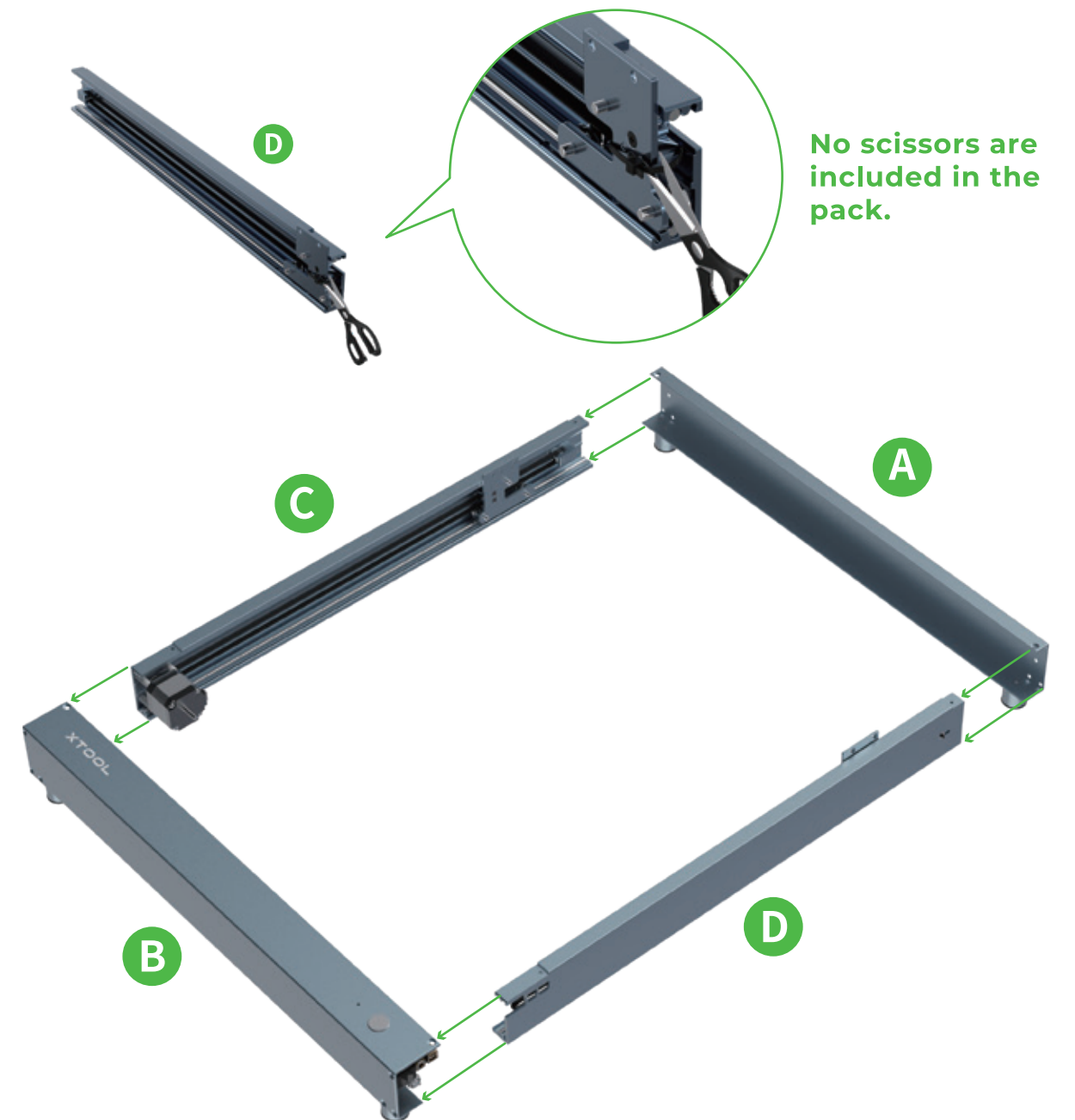


Rotary Attachment components
(included only in some packs)



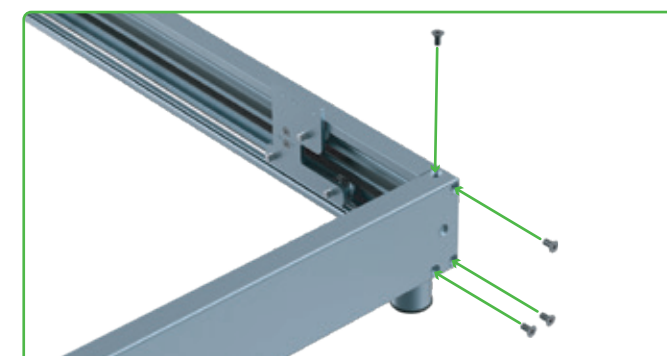
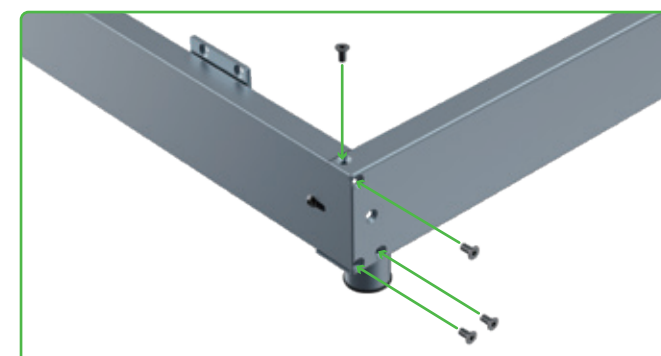
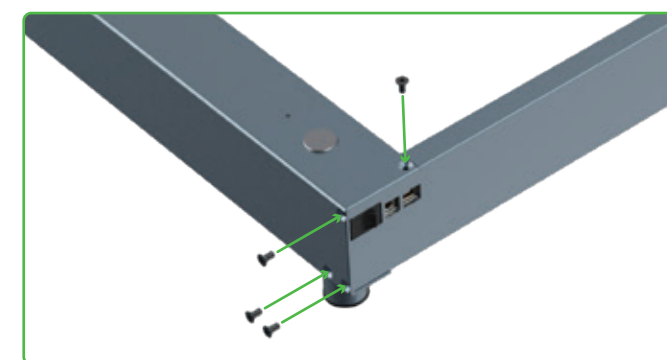
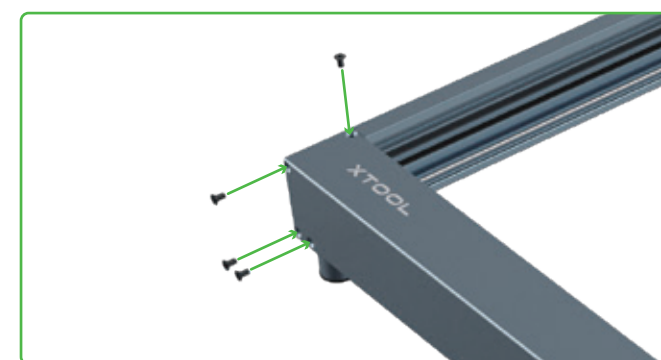
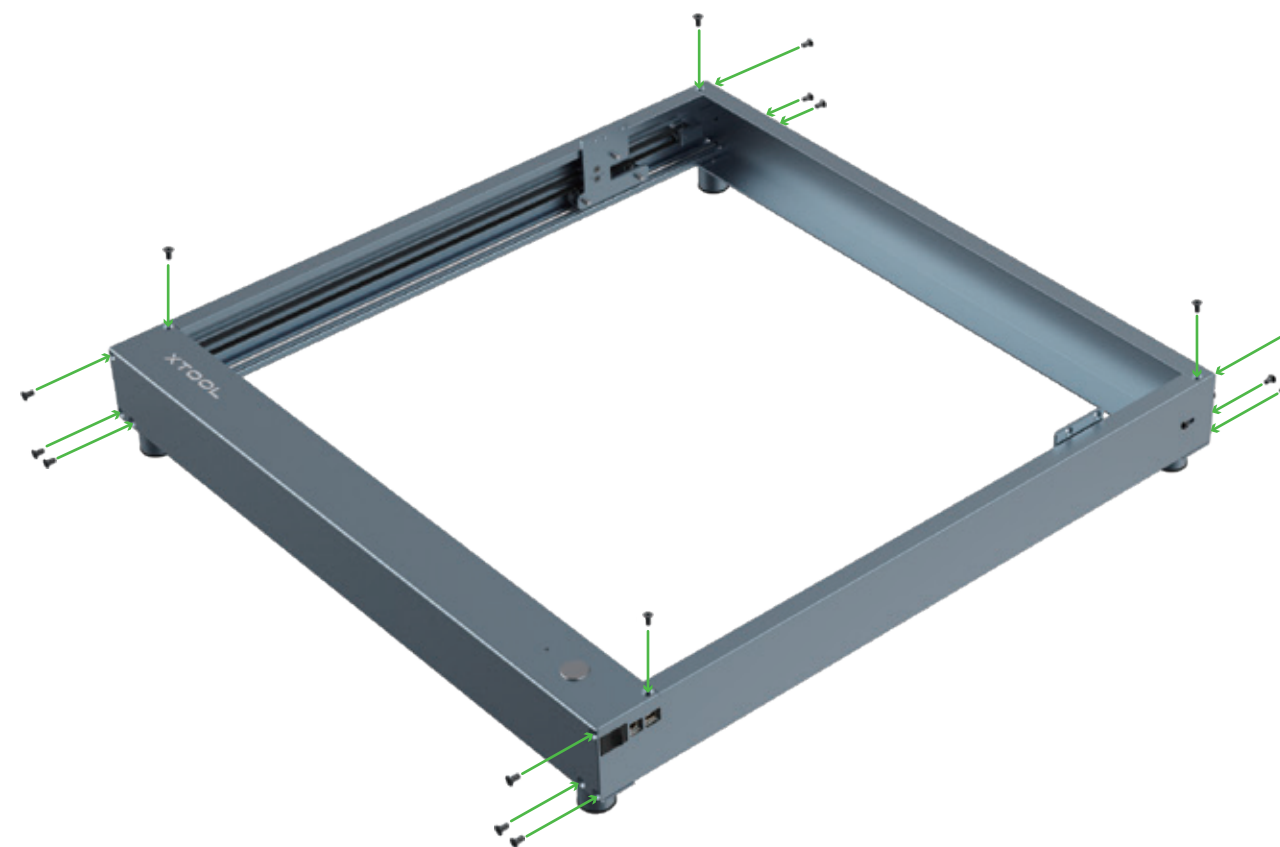
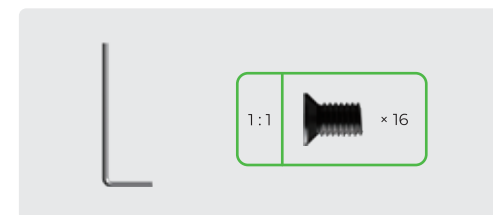
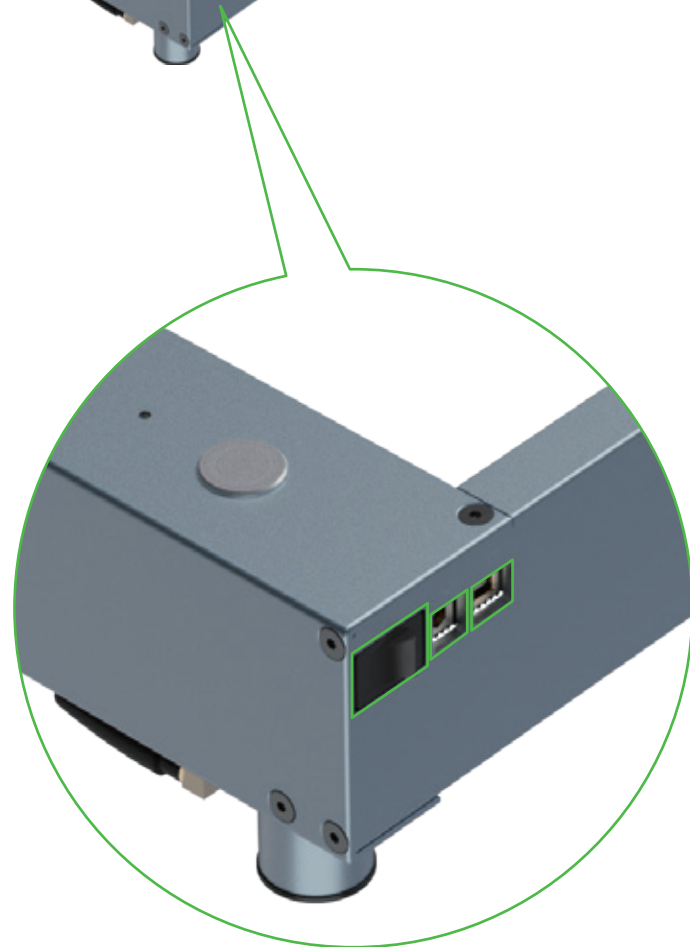
The secret to getting ahead is getting started.
Are you ready to embark on a creative journey?
Let's go!

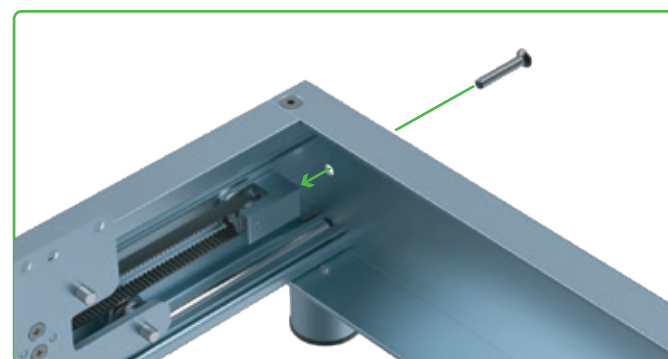
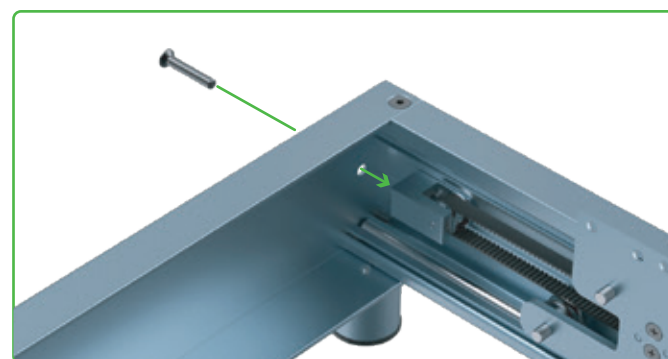
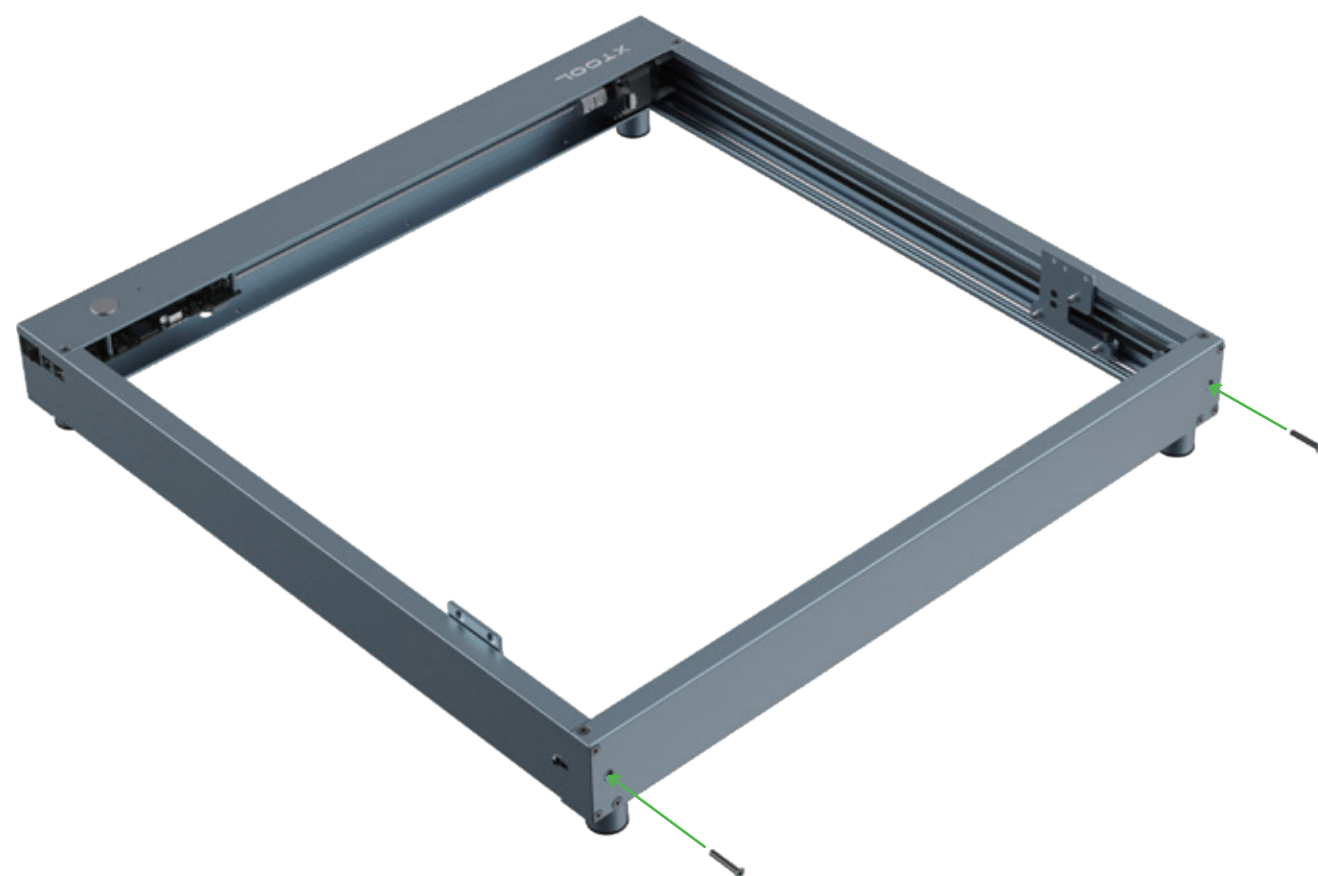
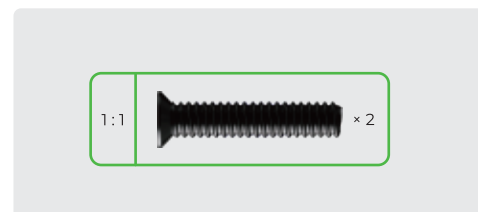
Assemble xTool D1



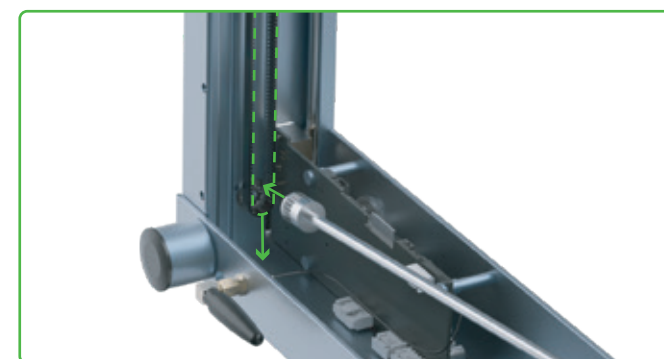
You can visit support.xtool.com or scan the QR code to find the tutorial video.



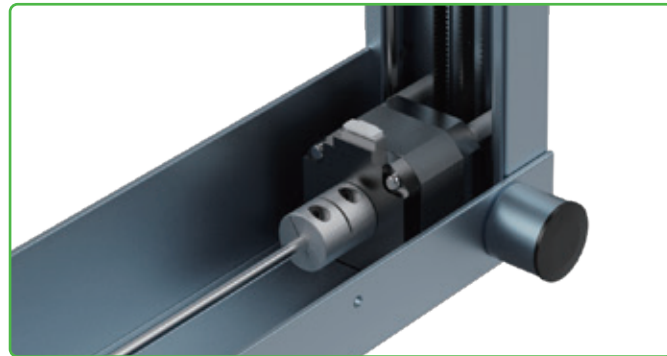
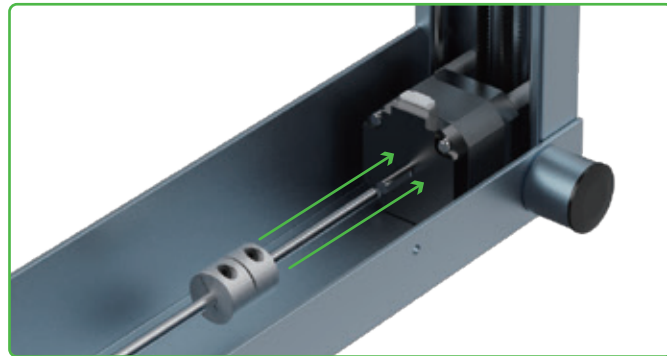




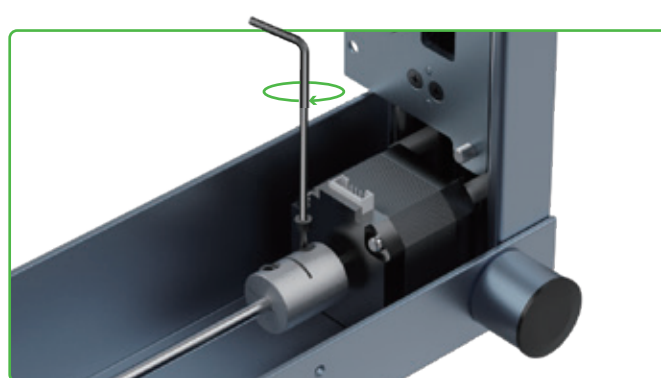
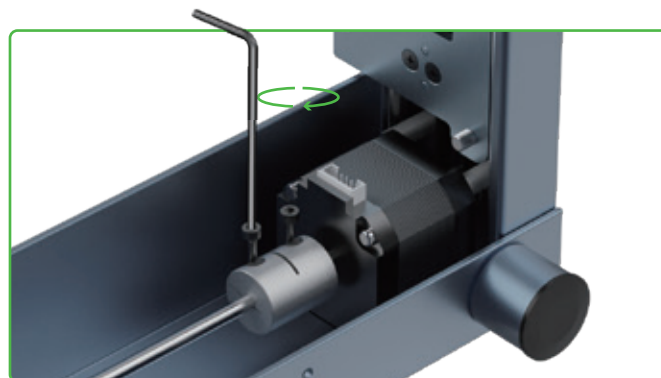
The screws are used to set the tension of the timing belts. Do not fully tighten them. Otherwise, the timing belts may be damaged.



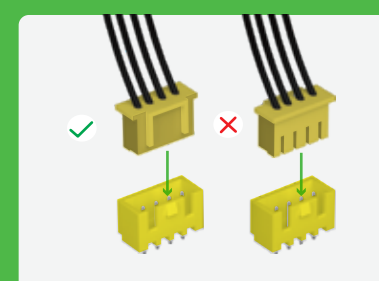
If you can't put the optical shaft through the timing belt, the possible cause is that the timing belt is set too tight. You can adjust its tension by turning the screw.



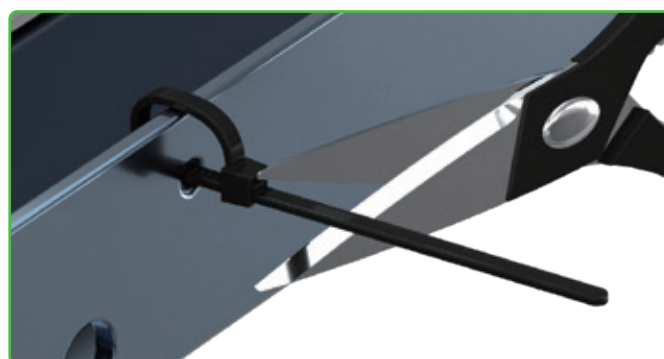
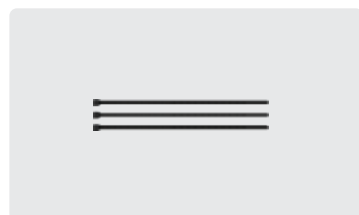
Slide the two sliders down against the front plate.



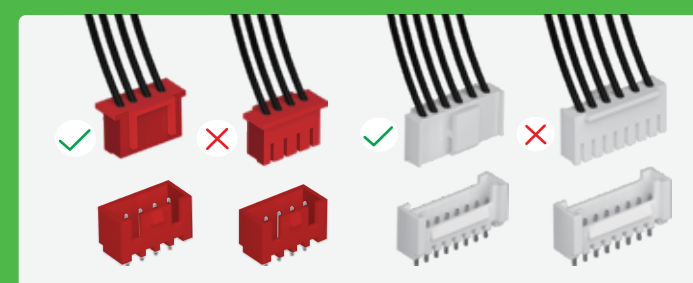
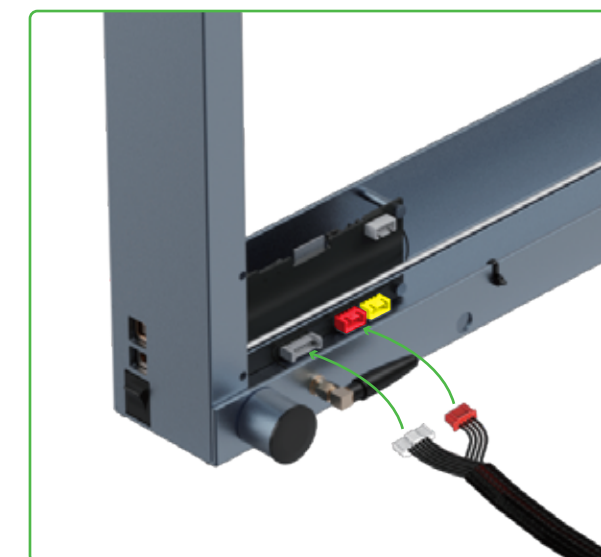
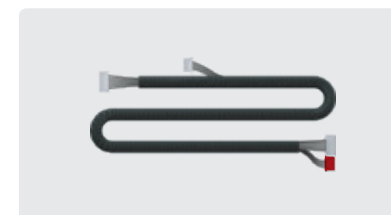
Fully tighten the two screws.



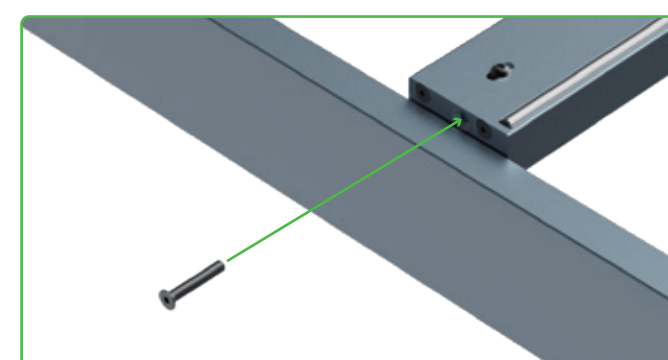
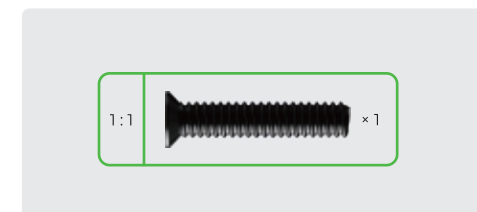
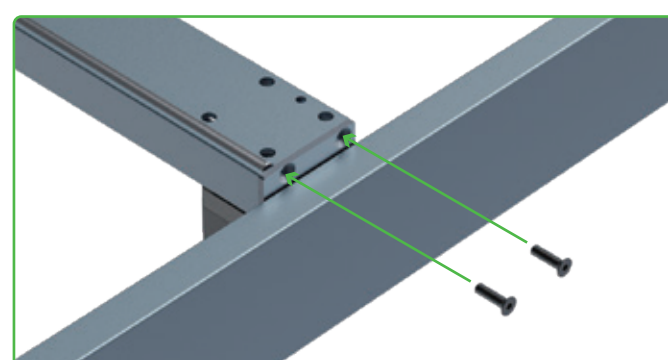
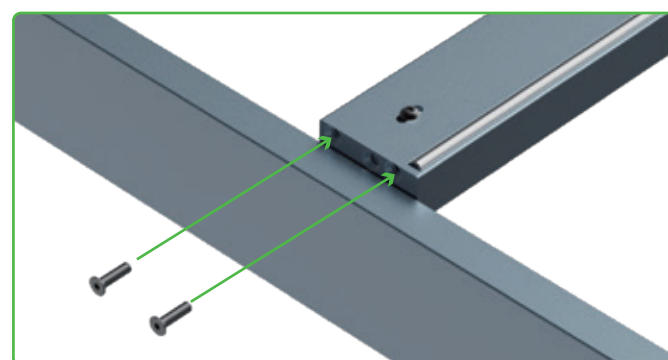
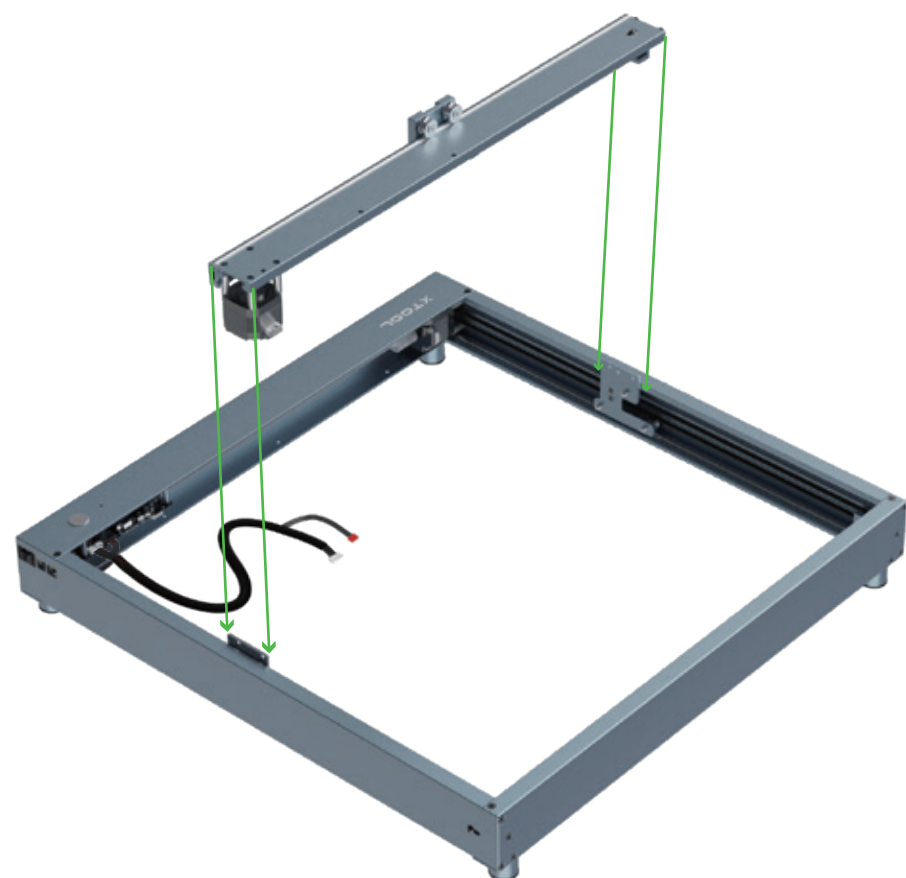
Pay attention to the front and back sides of the connector. Insert it properly.



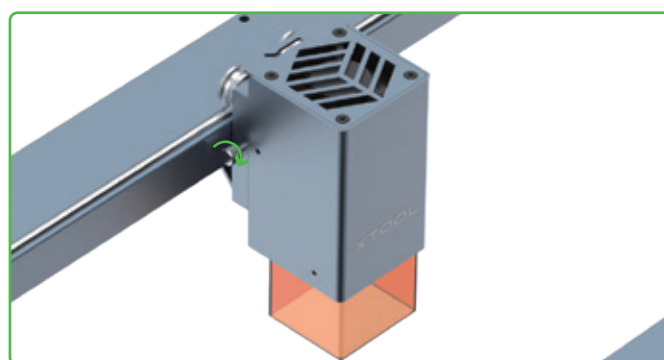
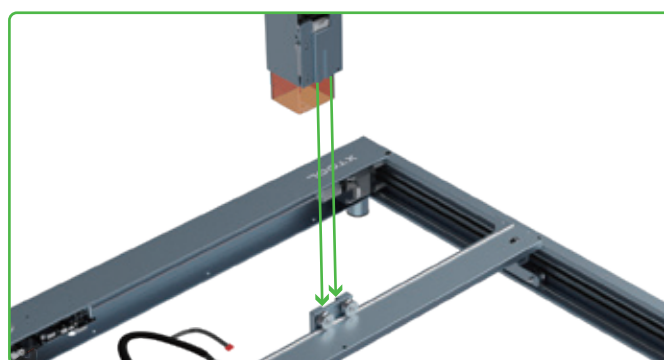
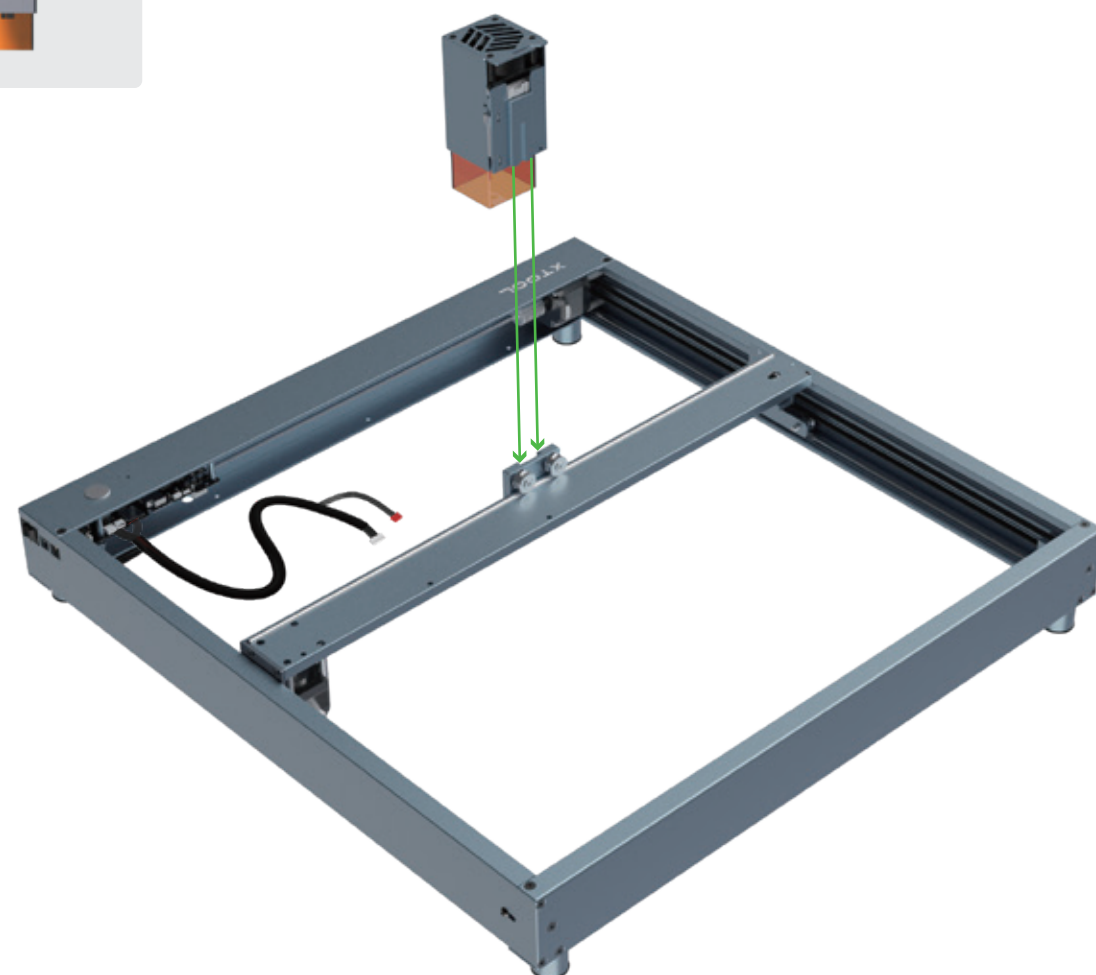
No scissors are included in the pack.



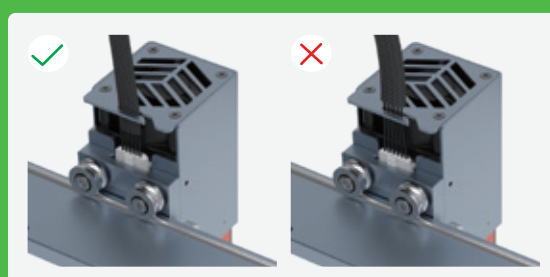
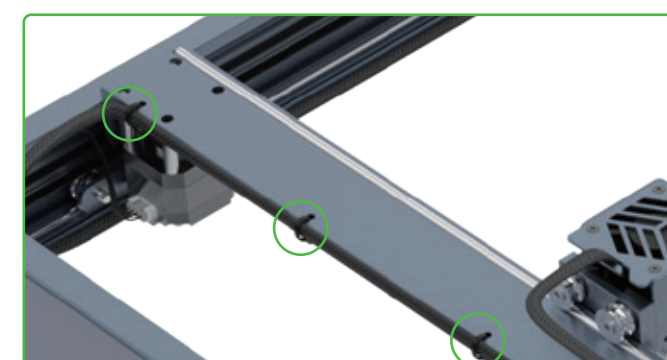
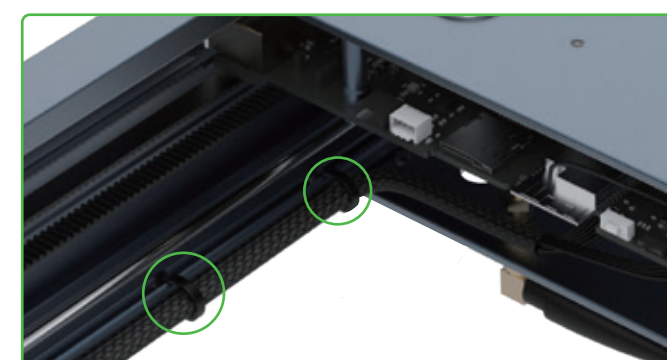
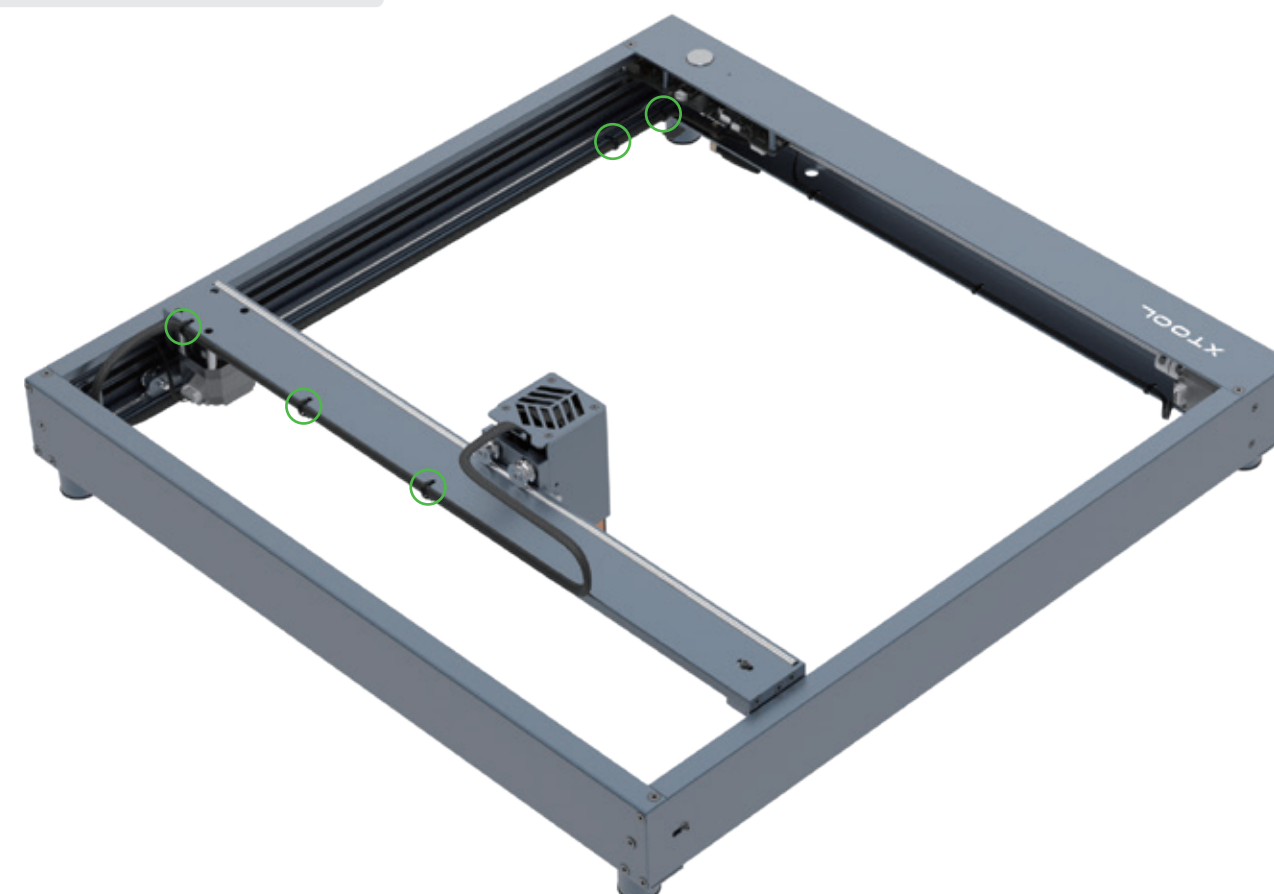
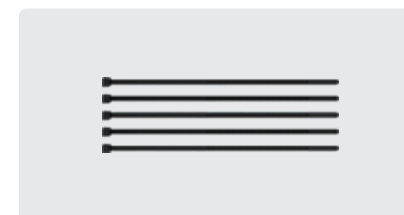
Pay attention to the front and back sides of the connectors. Insert them properly.



The screw is used to set the tension of the timing belt. Do not fully tighten it. Otherwise, the timing belt may be damaged.



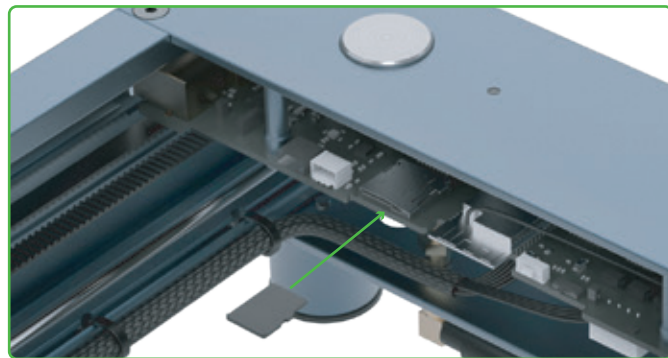
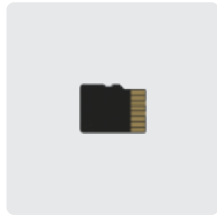
80% done!
Excited to see your laser cutter begins to take shape!
Success is just around the corner!



Tips Ensure that the cable sleeve is placed in the slot.



Reserve a sufficient length of the cable to allow the laser module to slide between the left and right plates.

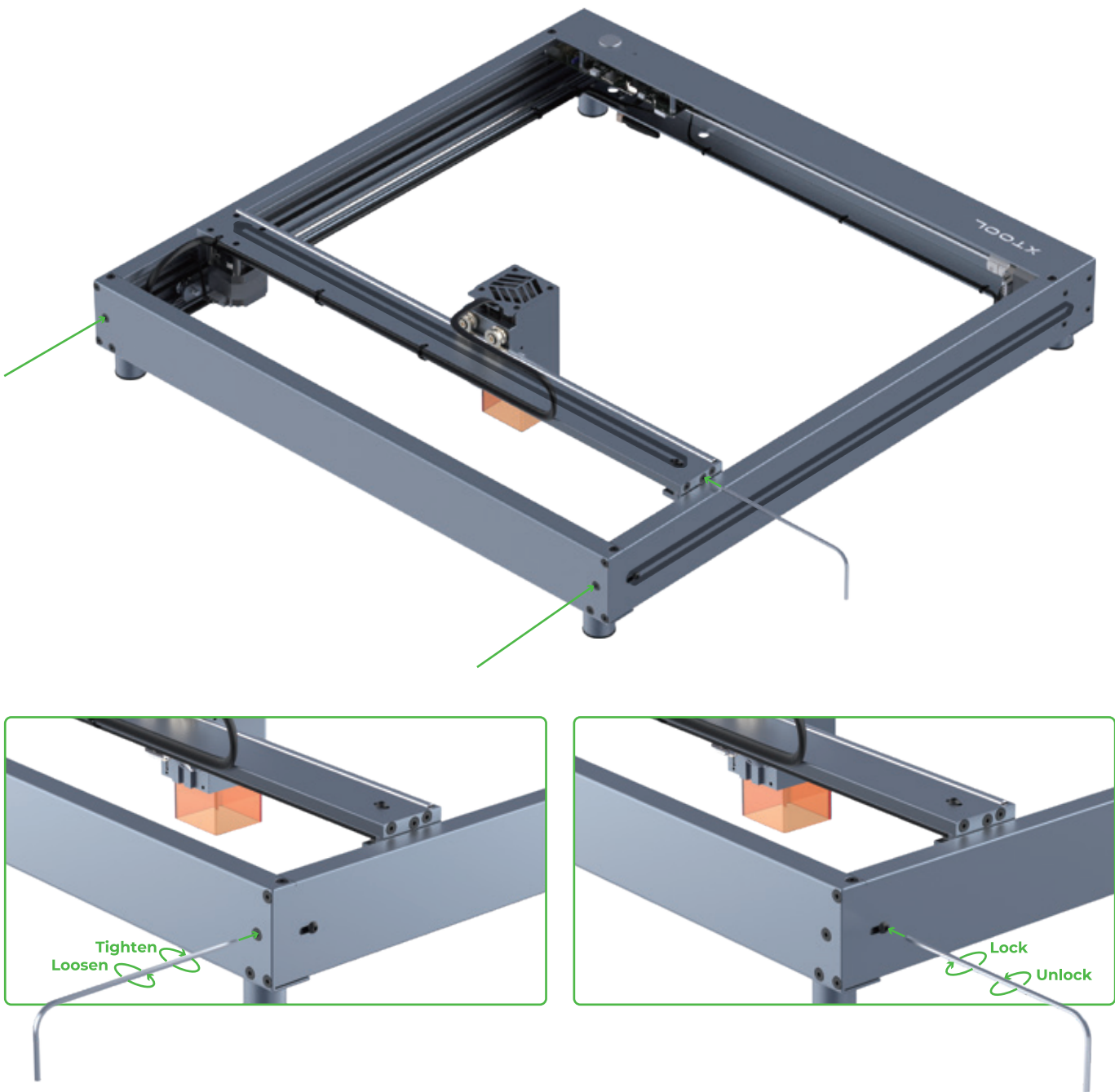
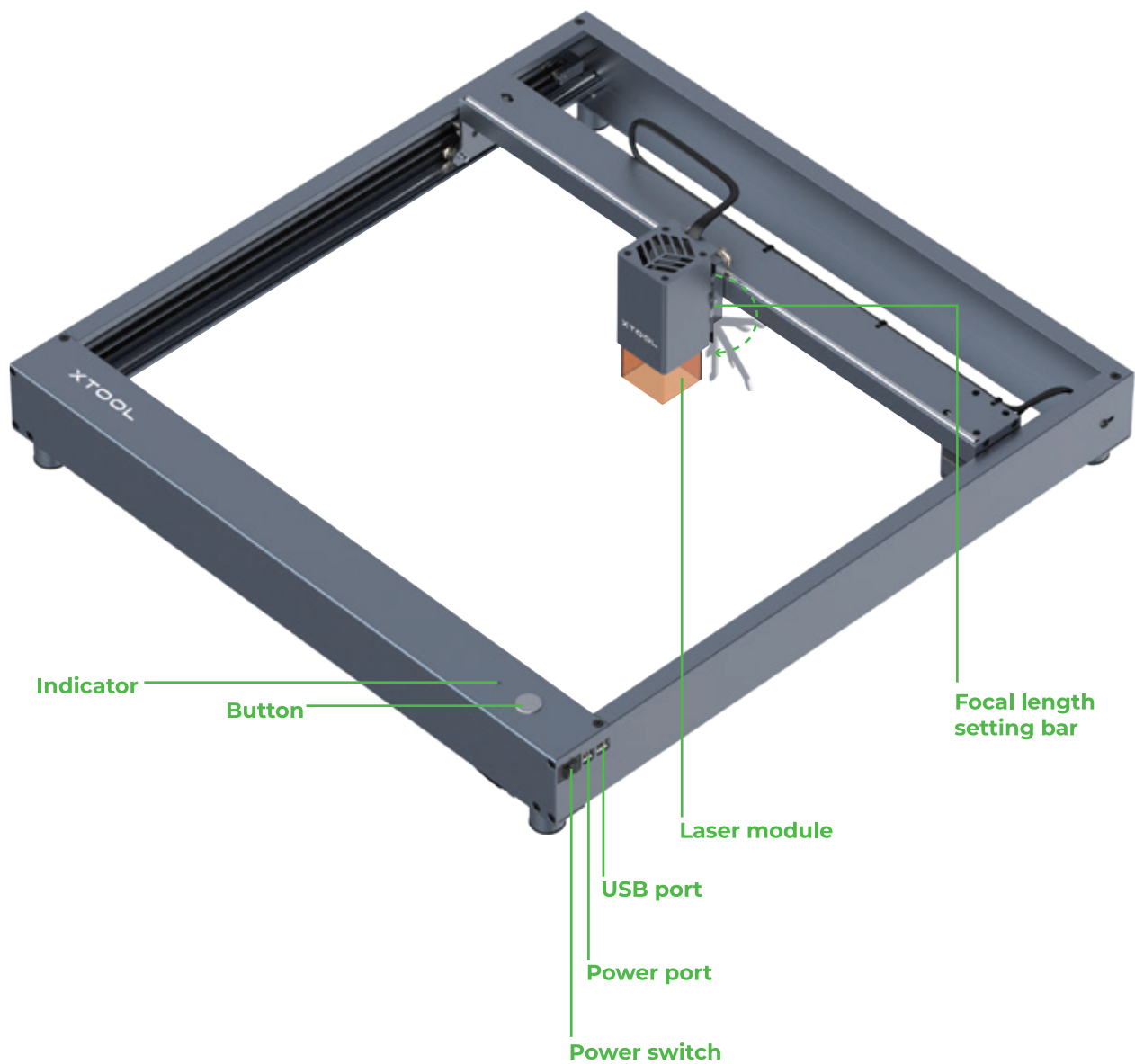


Congratulations!
You have completed the installation!

Meet your xTool D1

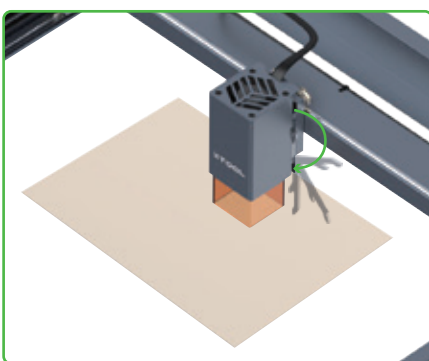
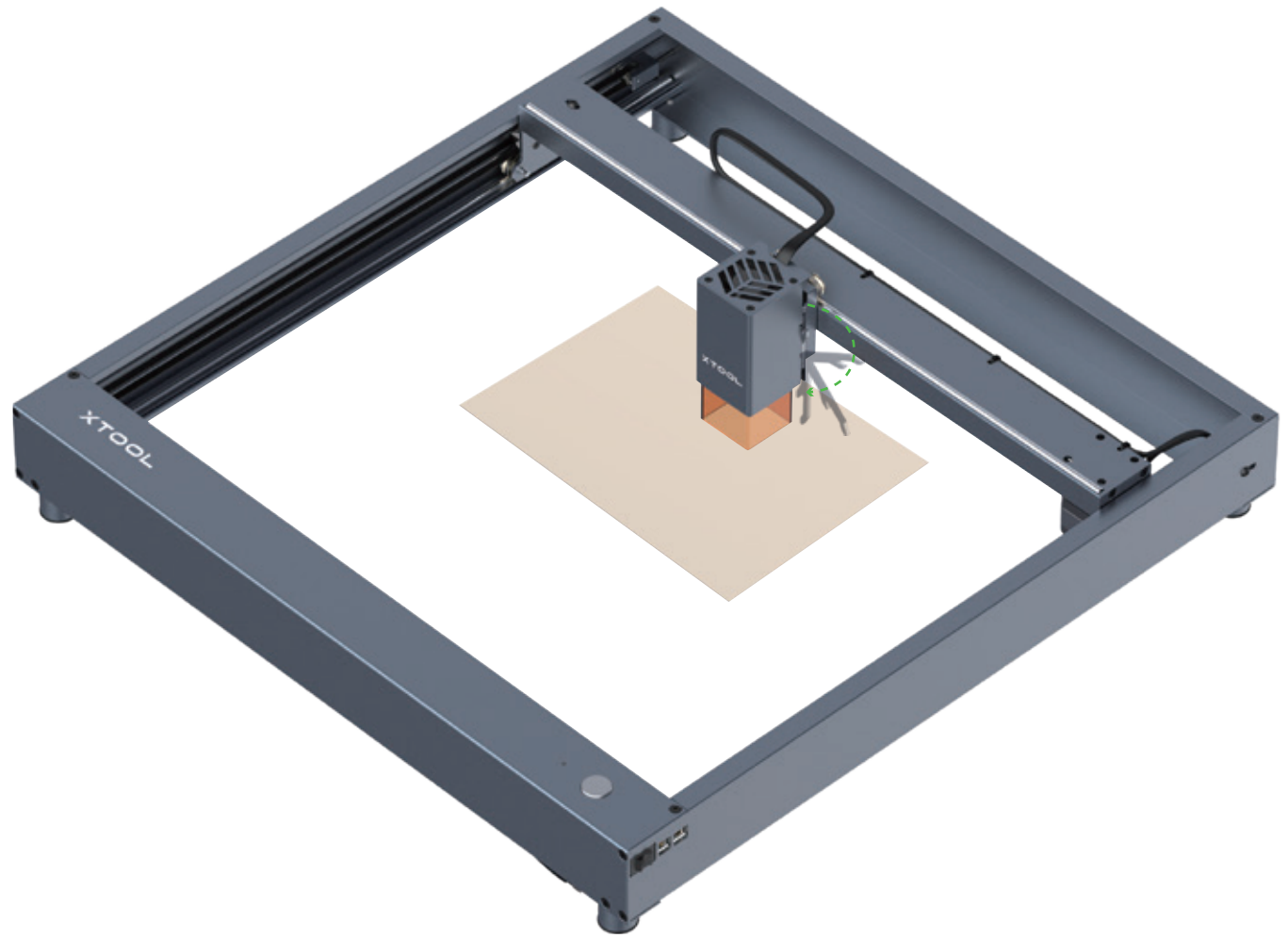
Set up xTool D1

Adjust the tension of the timing belts

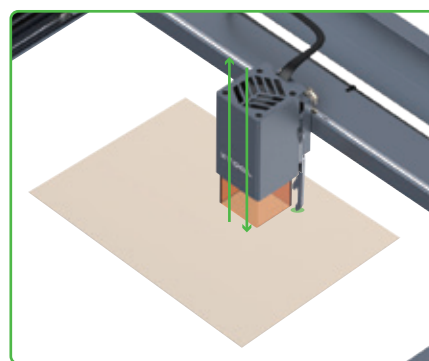


Try to set the timing belts on the right and left plates to the same tension, so that xTool D1 can cut and engrave materials properly.

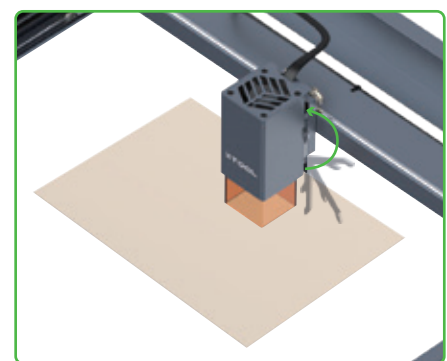
Set the position of the laser module



Put the focal length setting bar down



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

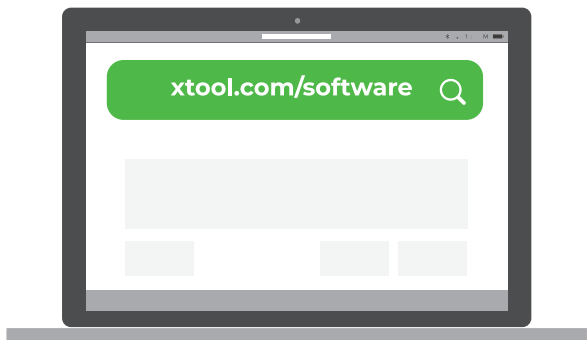


After determining the position, tighten the thumb screw and put the focal length setting bar back

Download and install software

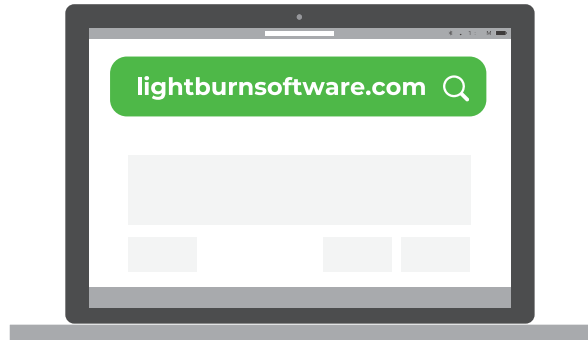
You can operate xTool D1 by using our official software or the third-party software LightBurn.

Note: You need to purchase LightBurn before using it.



xtool.com/software

OR



lightburnsoftware.com



Laserbox Basic

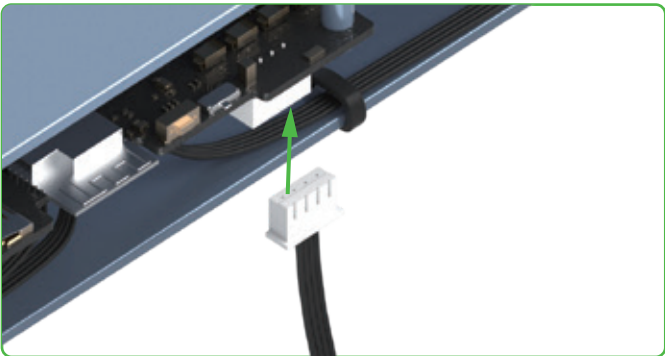
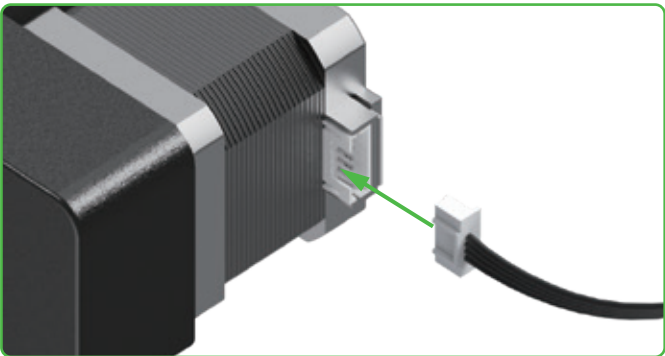
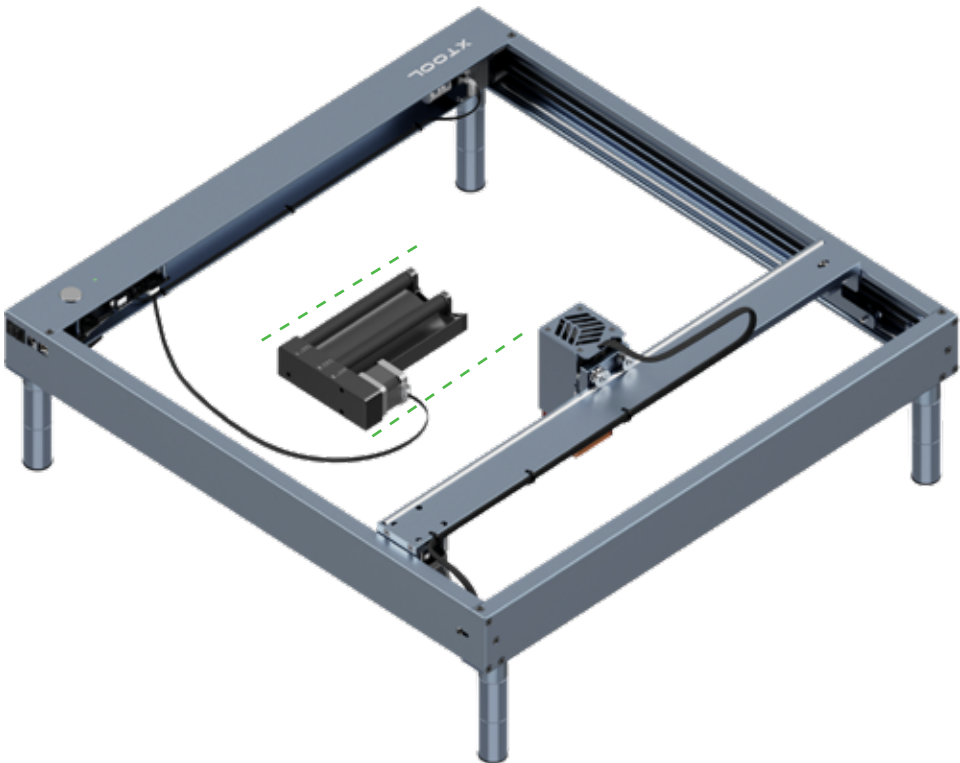
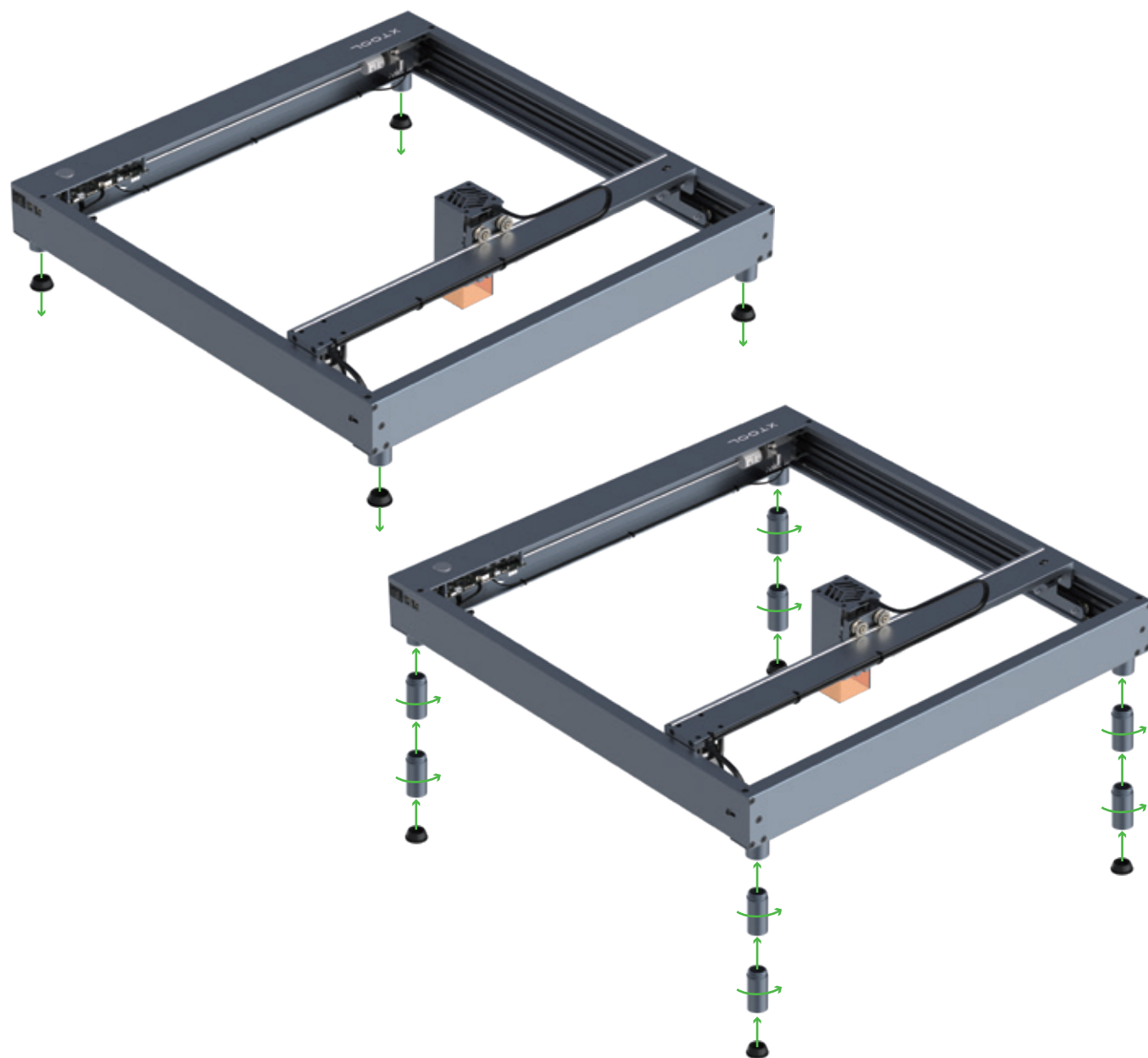


LIGHTBURN
BETTER SOFTWARE FOR LASER CUTTERS

Connect Rotary Attachment

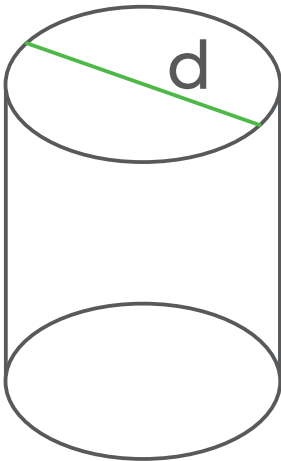


You can connect xTool D1 to Rotary Attachment to engrave cylindrical object.
Rotary Attachment needs to work with a device and software.
For details about how to use it, visit support.xtool.com.

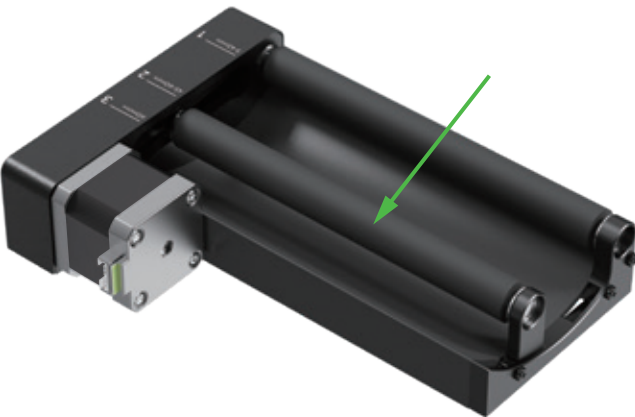


Place Rotary Attachment parallel to the working area of xTool D1.
Before you connect it to xTool D1, you may need to set its level
based on the diameter of the material to be processed.

Level reference



Level 1: $3\text{mm} \leq d \leq 50\text{mm}$



Level 2: $45\text{mm} \leq d \leq 60\text{mm}$



Level 3: $d > 60\text{mm}$

Set the level

Use the changing of the level from 3 to 2 as an example.

