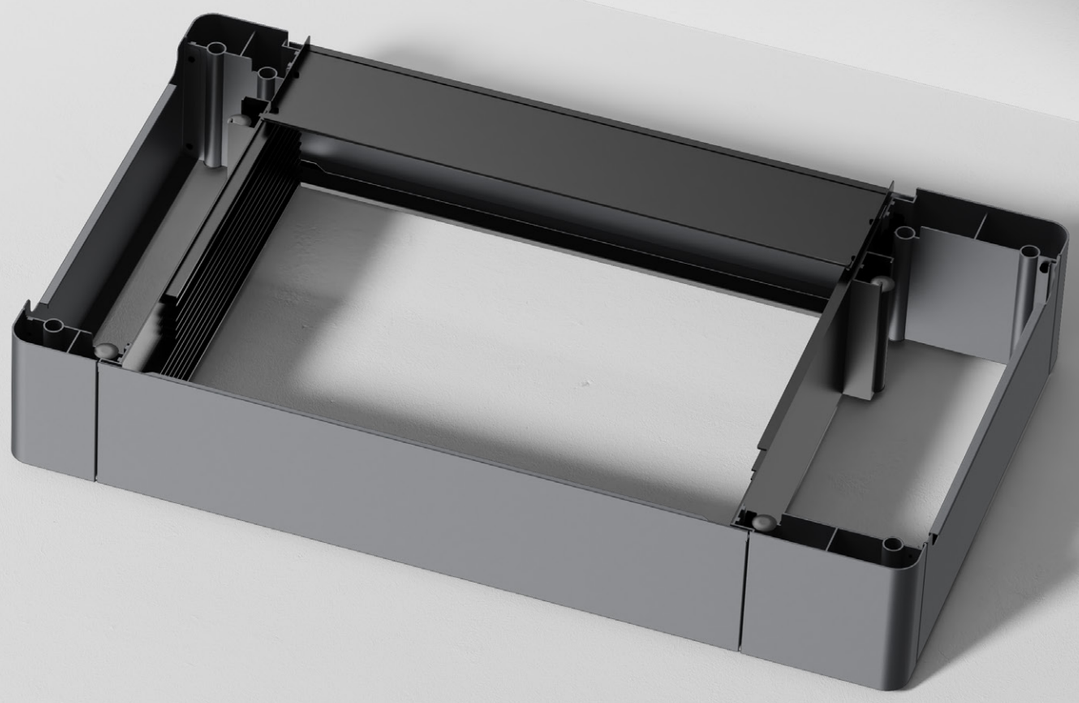
XTOOL

P2 Riser Base

User Manual



XTOOL

D1.2.4_KD010590000

Statement ---- 1

Safety first (important) ---- 1

List of items ---- 2

Meet the riser base ---- 2

Assemble the riser base ---- 3

Use the riser base ---- 8

Preparations ---- 8

Process thick materials ---- 11

Process regular or irregular cylindrical materials ---- 12

Process materials that are too long for xTool P2 ---- 12

After-sales services ---- 13

For online help, visit support.xtool.com.
线上帮助，请访问 makeblock.com/cn/docs/x-tool-accessories/p2-riser-base。

support.xtool.com

makeblock.com/cn/docs/xtool-accessories/p2-riser-base

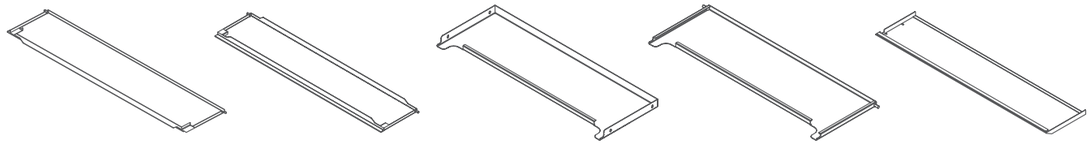
Statement

- Thank you for choosing xTool products!
- If you use the product for the first time, read carefully all the accompanying materials of the product to improve your experience with it. If you do not use the product according to the instructions and requirements of the Manual, or mis-operate the product due to mis understanding, etc., the Company shall bear no responsibility for any loss resulting therefrom.
- The Company has collated the content of the Manual rigorously and carefully, but errors or omissions may remain.
- The Company is committed to continuously improving product functions and service quality, and therefore reserves the right to change any product or software described in the Manual and the content of the Manual at any time.
- The Manual is intended to help you use the product properly and does not include any description of hardware and software configuration. For product configuration, refer to the related contract (if any) and packing list, or consult your distributor. Images in the Manual are for reference only and the actual product may vary.
- Protected by copyright laws and regulations, the Manual shall not be reproduced or transcribed in any way, or be transmitted on any wired or wireless network in any manner, or be translated into any language, or be modified in any way, such as content, image, or layout modification, without the prior written authorization of the Company.

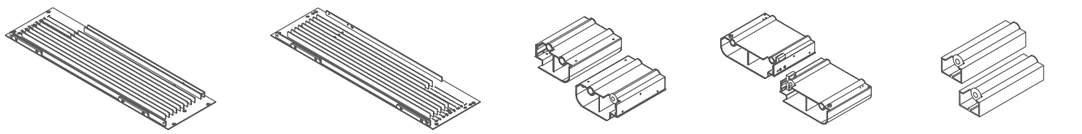
Safety first (important)

- During laser processing, do not put your hands into the riser base, or your skin may get hurt. If you are accidentally burned by laser beams, disinfect the skin with a povidone-Iodine solution immediately and apply burn ointment to the wound. If you are severely burned, go to a hospital and see a doctor as soon as possible.
- To process a material that is too long for xTool P2, you need to open the door panels of the riser base. Diffuse reflection of laser beams occurs, and your eyes may be exposed to the laser beams. Do not look at them directly through the doors of the riser base, or your eyes may get hurt.
- Do not open the door panels unless you are to process a material that is too long for xTool P2.
- Do not engrave or cut any material that contains PVC or vinyl (processing plastics is not recommended). These materials (and other materials containing chlorine/chloride) may generate corrosive vapor that is extremely harmful to the human body and can cause damage to the device. Any damage caused by engraving or cutting any material containing PVC or vinyl is not covered by the Company's warranty.
- Do not engrave or cut any unknown materials. Vaporization or melting of many materials, which include but are not limited to PVC and polycarbonate, may release harmful smoke.

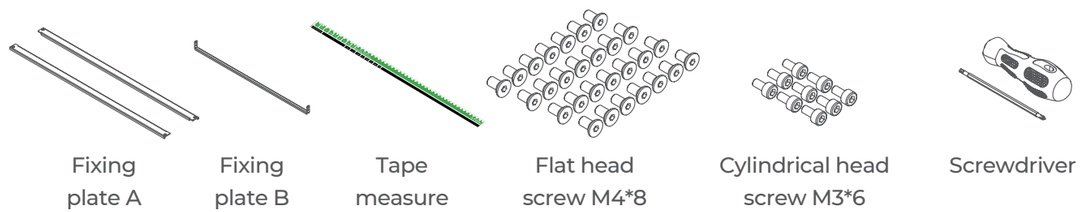
List of items



Front door panel | Rear door panel | Left side panel | Right side panel | Rear cover panel

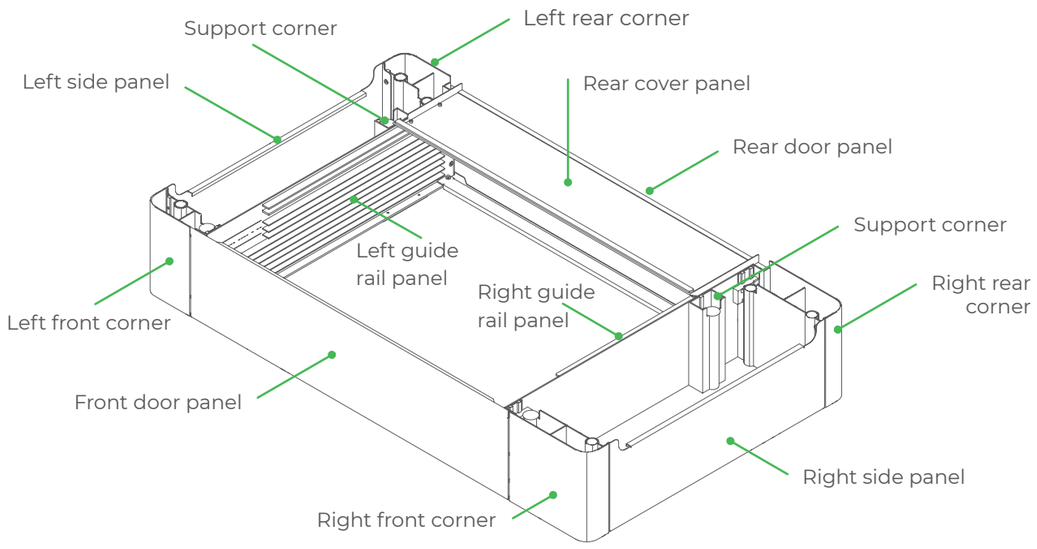


Left guide rail panel | Right guide rail panel | Left corner | Right corner | Support corner



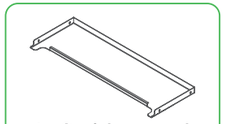
Fixing plate A | Fixing plate B | Tape measure | Flat head screw M4*8 | Cylindrical head screw M3*6 | Screwdriver

Meet the riser base

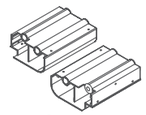


Assemble the riser base

1. Assemble the left structure

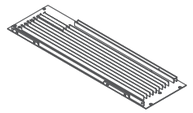


Left side panel

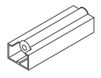


Left corner

Flat head screw M4*8

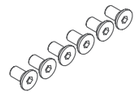


Left guide rail panel

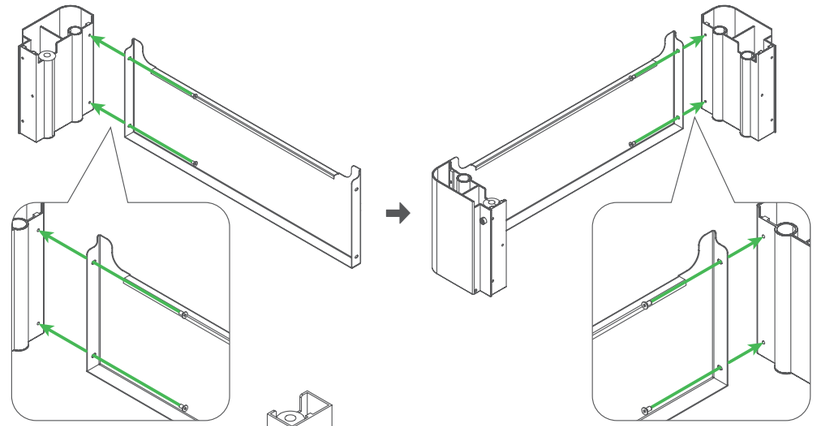


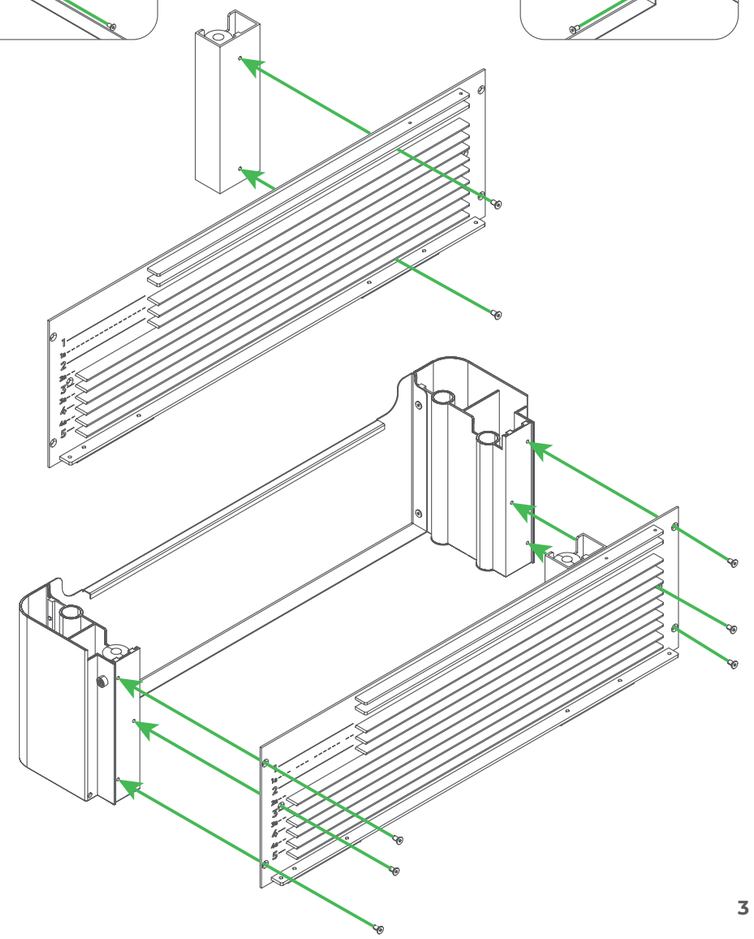
Support corner

Flat head screw M4*8



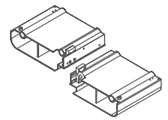
Flat head screw M4*8



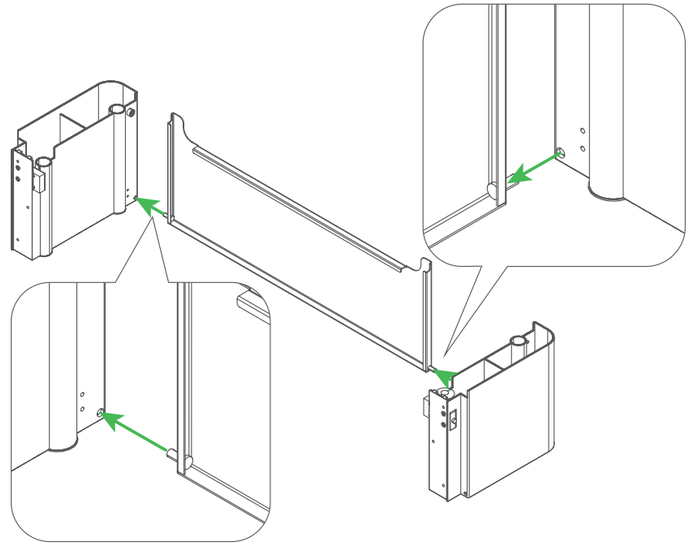


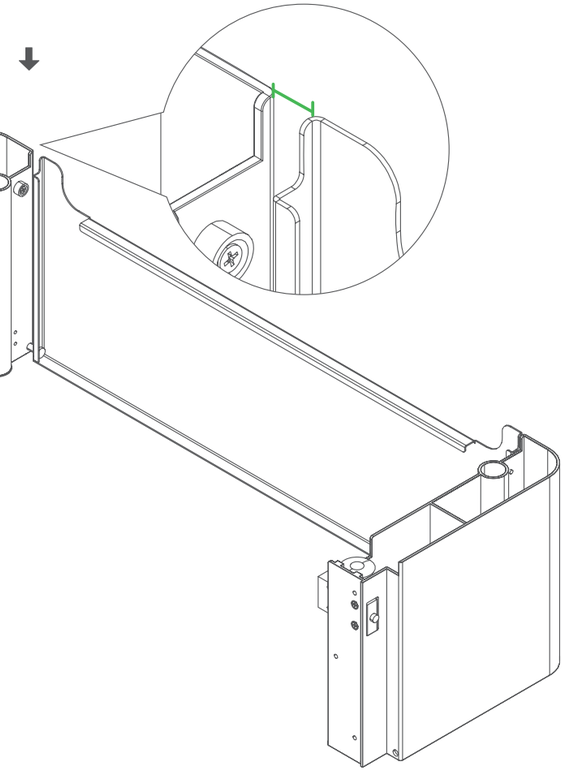
2. Assemble the right structure

Right side panel



Right corner

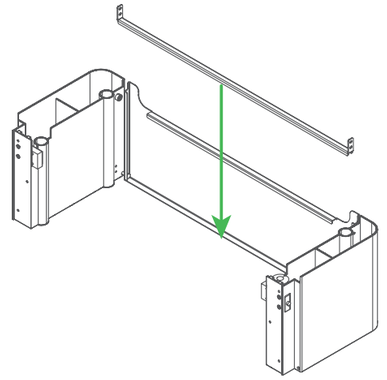


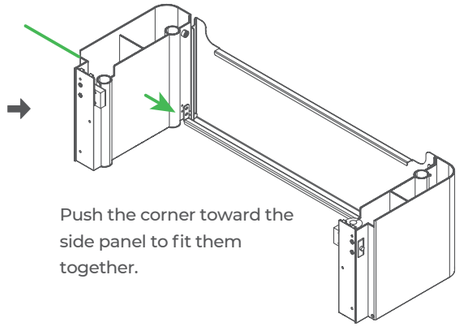


Reserve a spacing so that you can fit the fixing plate in.

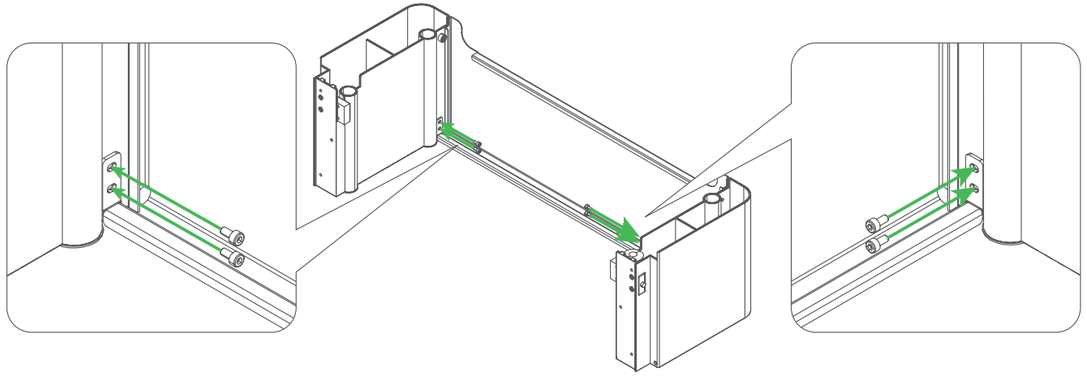
Fixing plate B

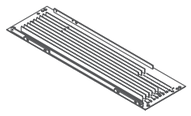
Cylindrical head screw M3*6





Push the corner toward the side panel to fit them together.

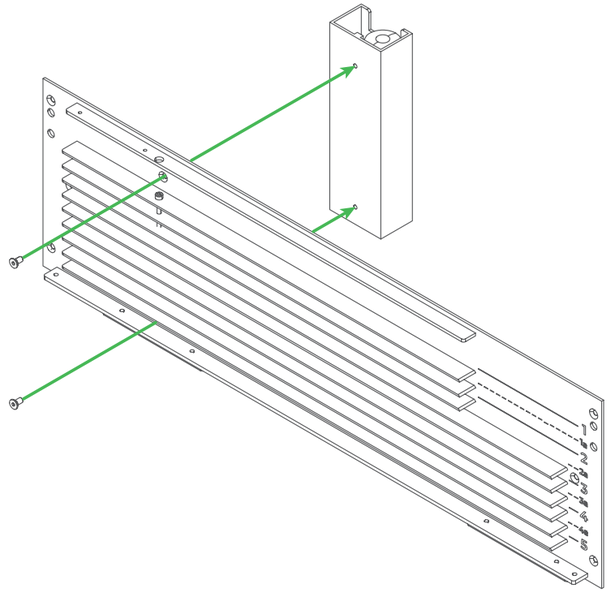


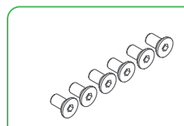


Right guide rail panel

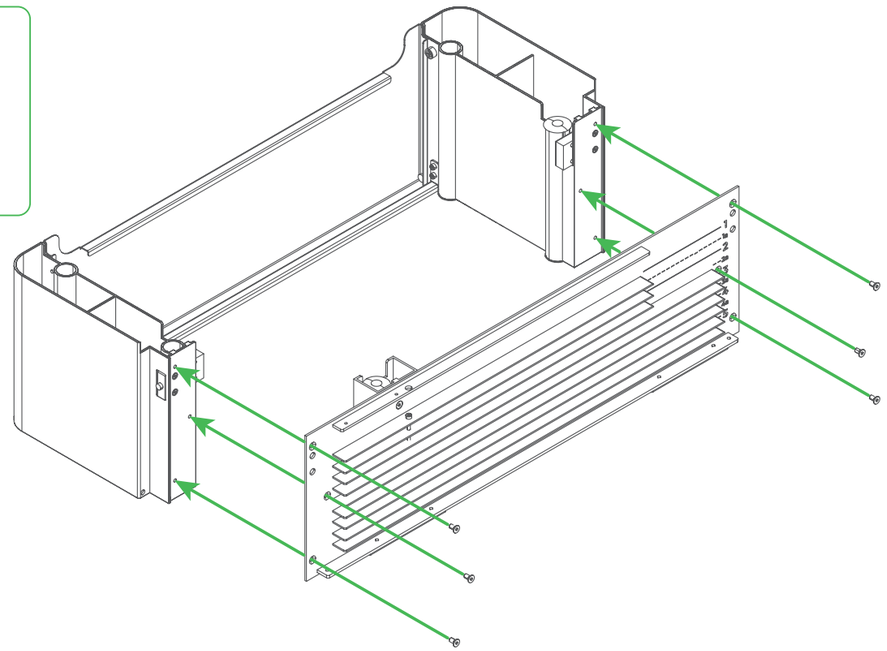
Support corner

Flat head screw M4*8

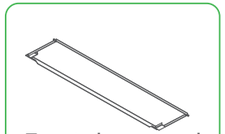




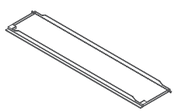
Flat head
screw M4*8



3. Fit the door panels



Front door panel



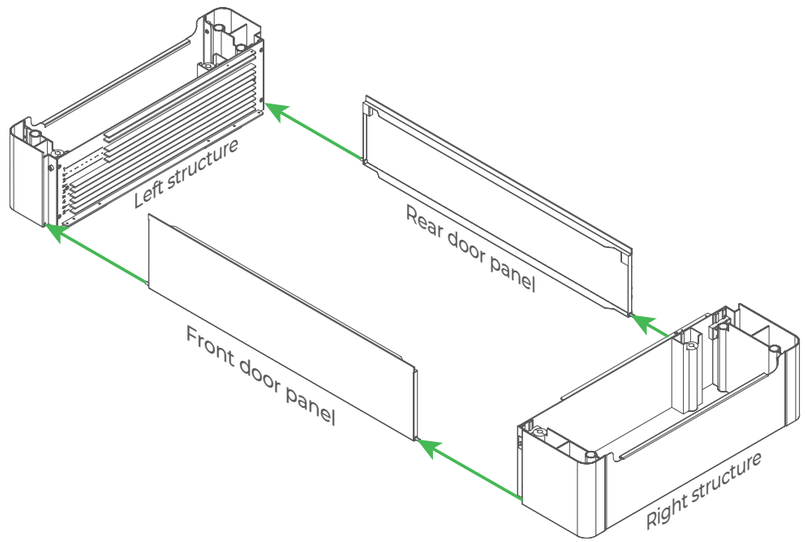
Rear door panel

Fixing plate A

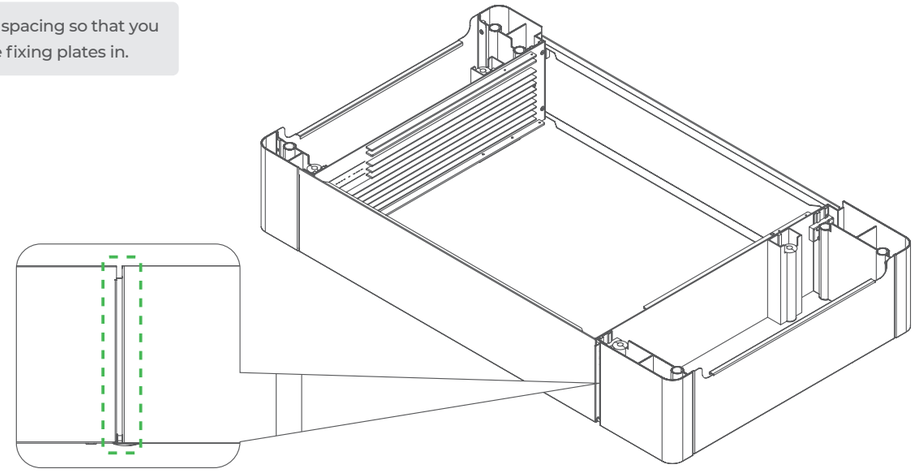
Flat head
screw M4*8

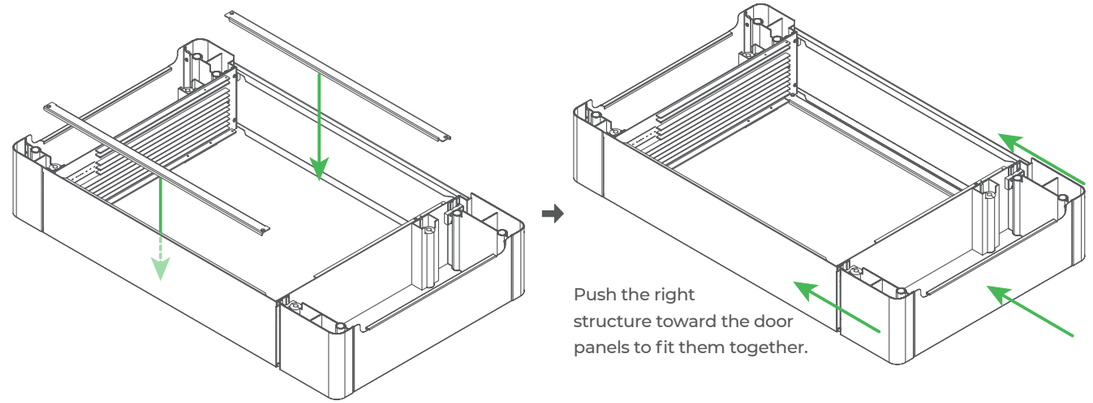
Front door panel	Rear door panel

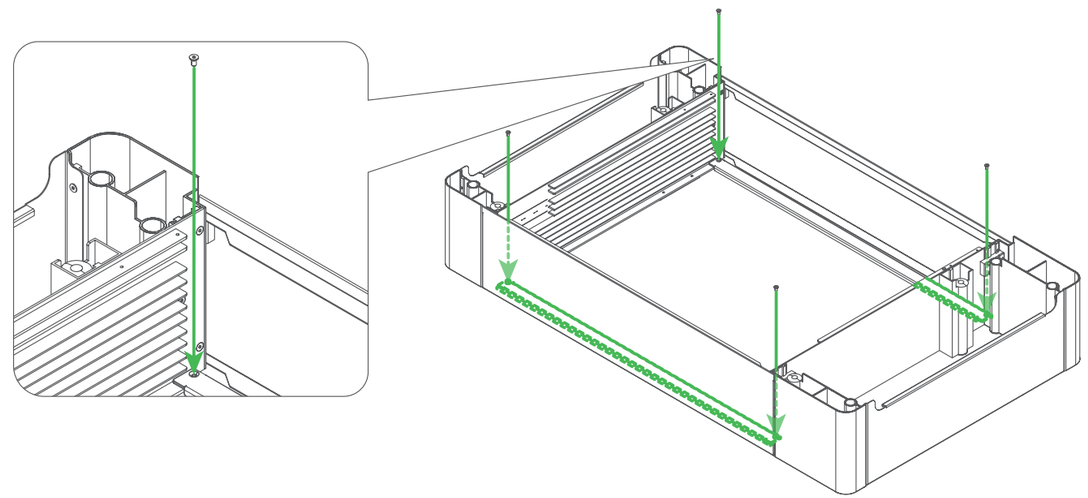
The front door panel is slightly wider than the rear one.



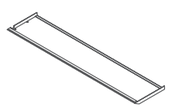
Reserve a spacing so that you can fit the fixing plates in.





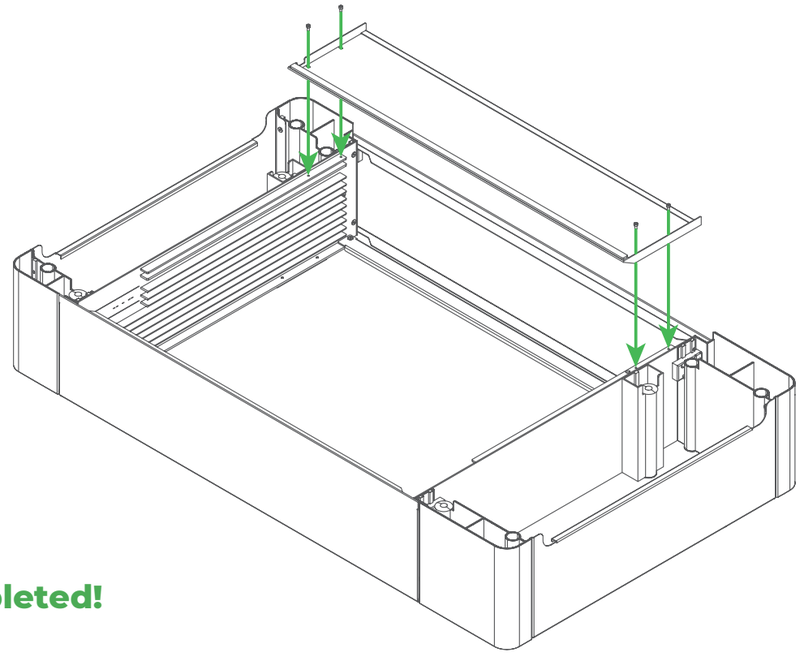


4. Fit the rear cover panel



Rear cover panel

Cylindrical head screw M3*6



Assembly completed!

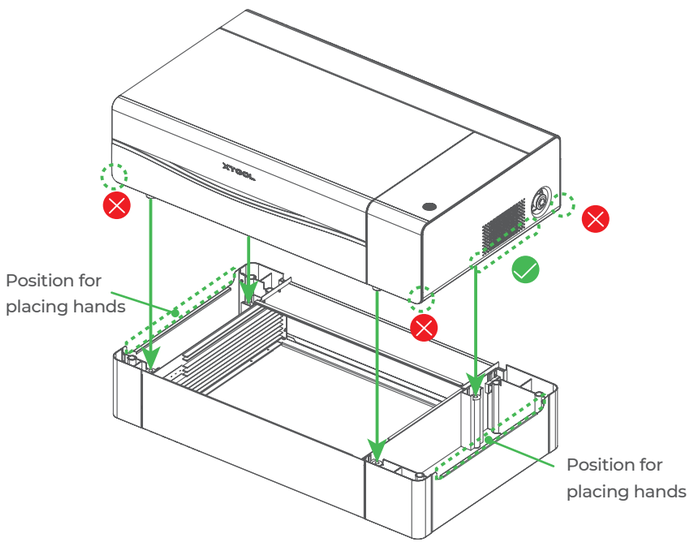
Use the riser base

Preparations

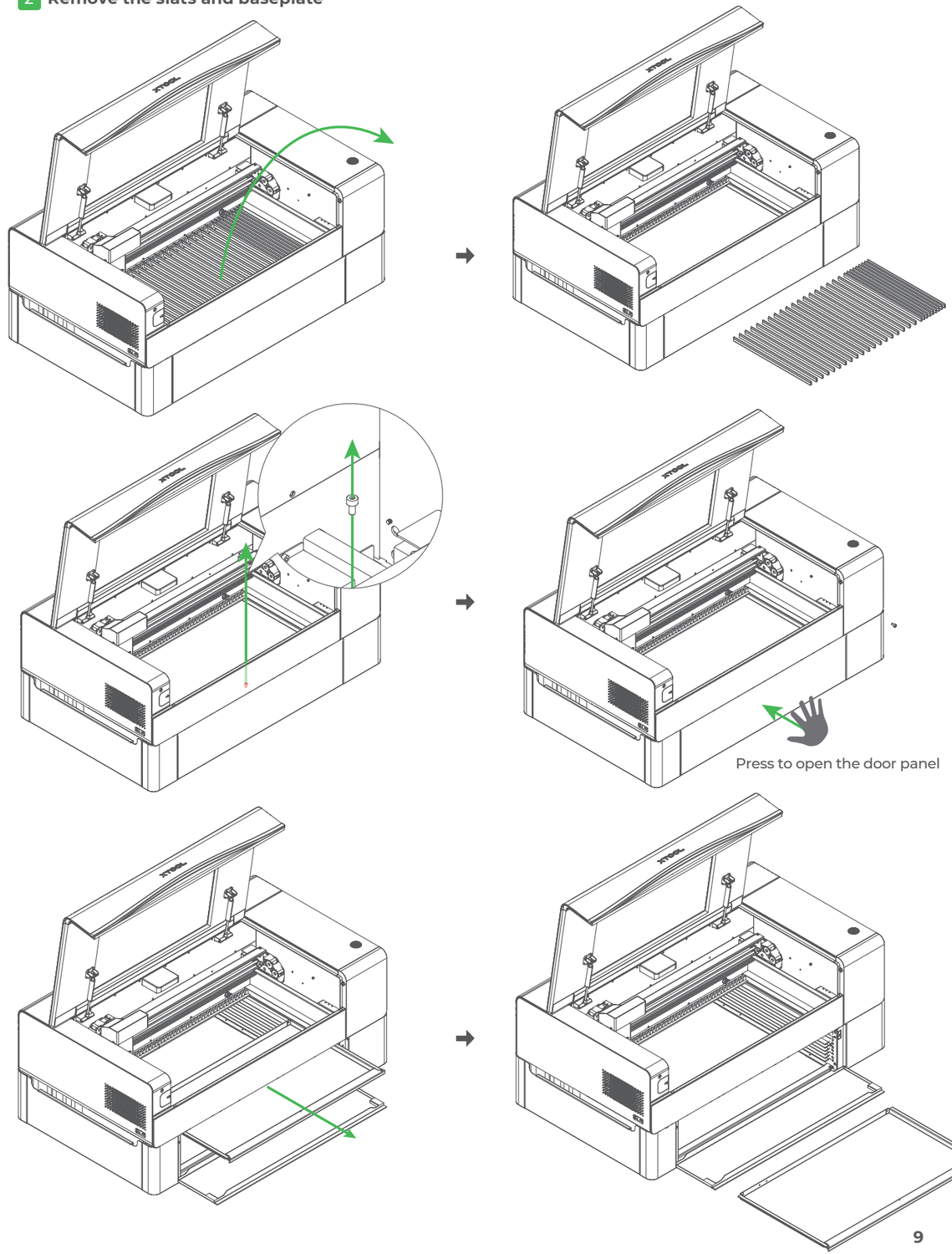
xTool P2 is not included in the pack. You need to purchase it before use.

1 Place xTool P2

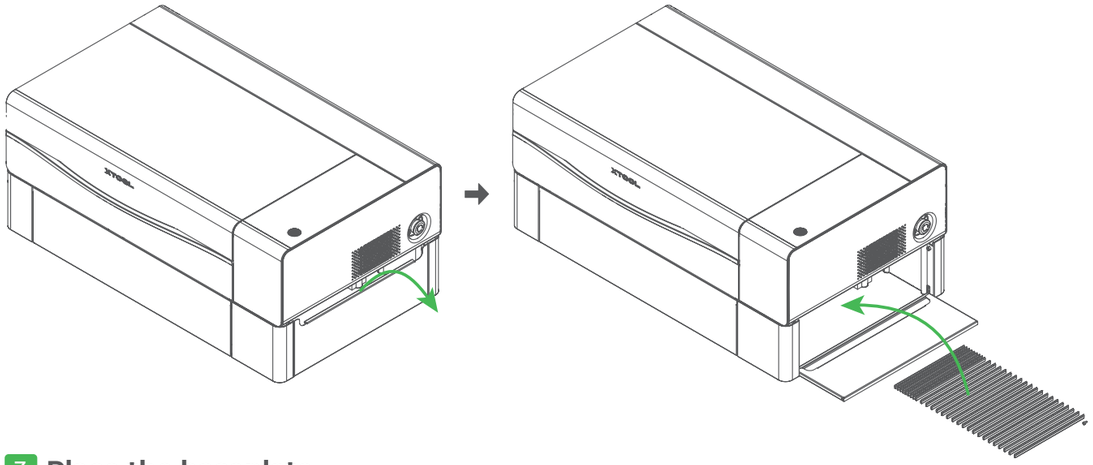
The riser base is designed with positions on the left and right sides for placing your hands. To place xTool P2, hold it on the sides instead of at the corners, so that your hands don't get hurt.



2 Remove the slats and baseplate

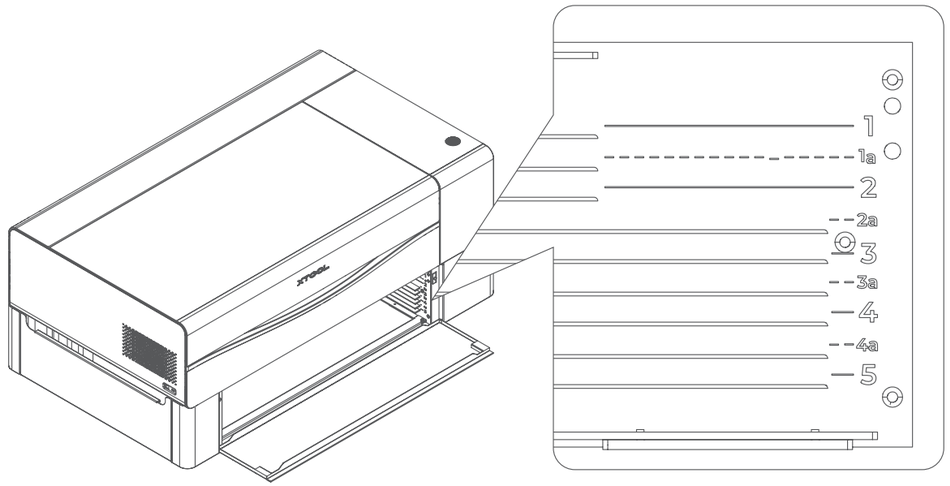


You can keep the removed screw and slats, for subsequent use, in the storage space on the right side of the riser base.



3 Place the baseplate

The riser base is designed with 9 placement levels to adapt to materials of multiple thicknesses. You need to determine the level at which the baseplate of xTool P2 is to be placed based on the processing mode used and the thickness of the material to be processed.

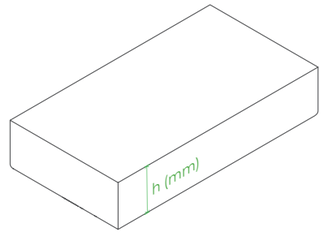


4 Use the tape measure

For details about how to use the tape measure, visit **support.xtool.com/hc/en-us/articles/13280821588631.**

Process thick materials

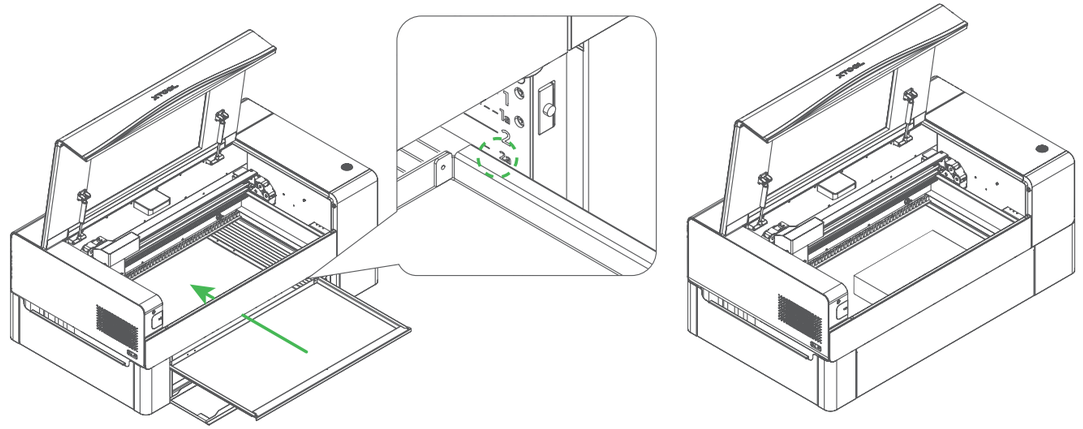
To process a flat material of a thickness greater than 30 mm, you can use **Open plane** processing, and determine the level at which the baseplate is to be placed based on the thickness of the material.



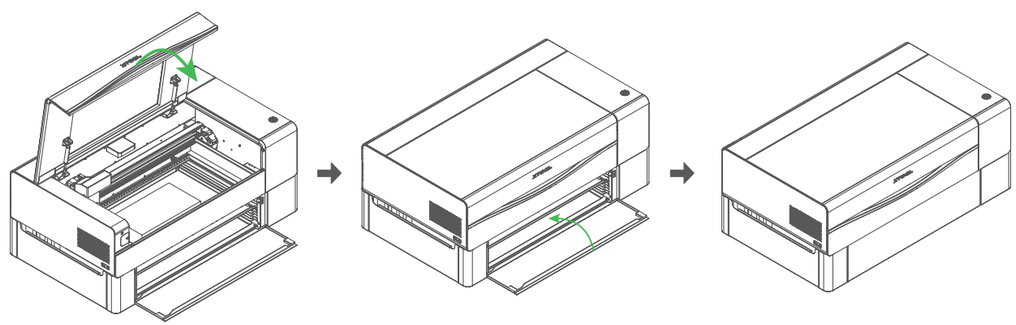
1	30 ≤ h ≤ 102
1a	43 ≤ h ≤ 115
2	55 ≤ h ≤ 127
2a	68 ≤ h ≤ 142
3	80 ≤ h ≤ 154

3a	93 ≤ h ≤ 167
4	105 ≤ h ≤ 179
4a	118 ≤ h ≤ 192
5	130 ≤ h ≤ 200

For example, if a flat material is **130 mm** thick, you can place the baseplate at **level 2a** and then place the material for processing.



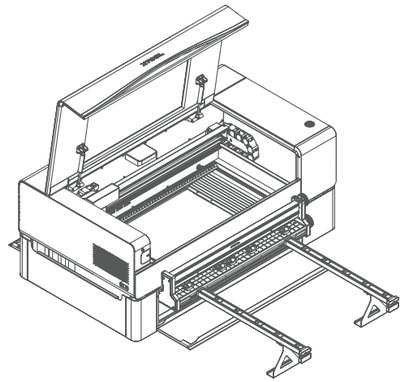
To use **Open plane** processing, you need to close the lid and door panels after placing the baseplate and material.



Process materials that are too long for xTool P2

Conveyor feeder

To use **Conveyor feeder** processing, you need to use the riser base in combination with xTool Conveyor Feeder.



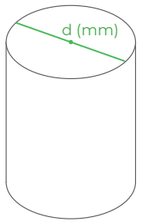
> xTool Conveyor Feeder is not included in the pack. You need to purchase it before use. For details about how to use it, see the user manual delivered with it.

Process regular or irregular cylindrical materials

To process a cylindrical material of a diameter greater than 42 mm, you need to use the riser base in combination with xTool Rotary Attachment and use **Laser cylindrical** processing. You can determine the level at which the baseplate is to be placed based on the diameter of the material.

> xTool Rotary Attachment is not included in the pack. You need to purchase it before use.

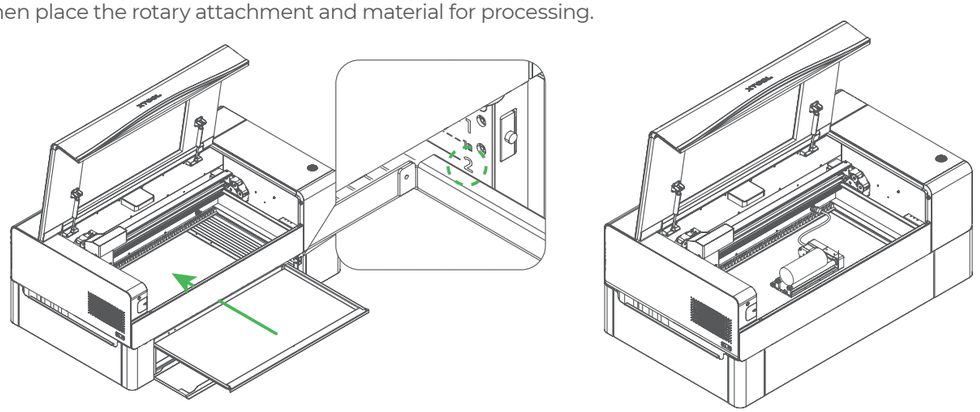
1 Roller mode



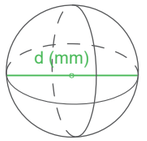
1	42 ≤ d ≤ 83
1a	54 ≤ d ≤ 94
2	67 ≤ d ≤ 104
2a	79 ≤ d ≤ 115
3	92 ≤ d ≤ 126

3a	104 ≤ d ≤ 139
4	117 ≤ d ≤ 150
4a	129 ≤ d ≤ 163
5	142 ≤ d ≤ 174

For example, to process a material of **diameter 90 mm** in roller mode, you can place the baseplate at **level 2** and then place the rotary attachment and material for processing.

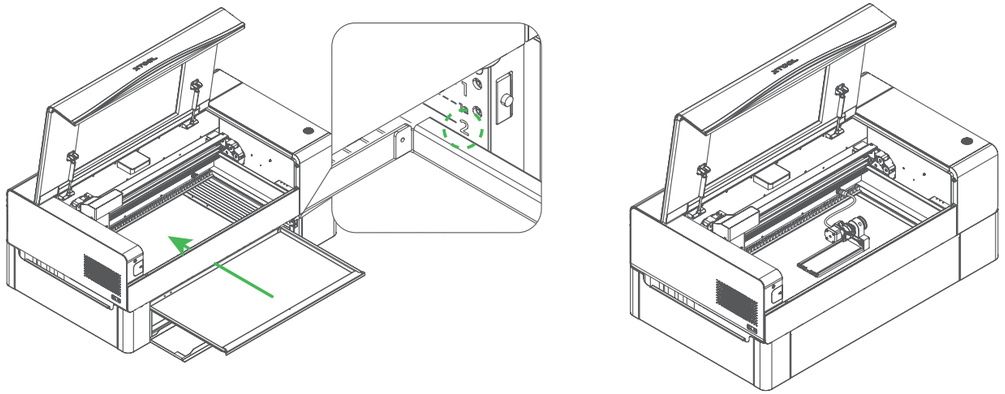


2 Chuck mode



1a	0< d ≤ 90
2	90 ≤ d ≤ 100

For example, to process an irregular cylindrical material of **diameter 95 mm** in chuck mode, you can place the baseplate at **level 2** and then place the rotary attachment and material for processing.



After-sales services

For technical support, contact us at support@xtool.com.
For more information about after-sales services, visit support.xtool.com.

售后服务

更多产品信息，可访问 makeblock.com/cn/docs。

如需技术支持，可通过以下方式联系我们：

- QQ 技术支持：800182013
- 技术支持热线：400-893-0004
- 微信公众号：童心制物售后