



Riser Base

User Manual | Benutzerhandbuch
Manual de Usuario | Manuel d'utilisation

v1.0

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Safety Information

1 General Safety

1. Ensure good ventilation in the workspace to facilitate the discharge of smoke and fumes.
2. Avoid placing flammable materials near the machine (especially organic materials such as paper), as they may cause fire hazards.
3. Do not leave the machine unattended while it is operating. If the machine runs incorrectly for an extended period without supervision, it may overheat and potentially cause a fire.
4. Regularly clean the inside of the machine. Accumulated smoke and dust can increase the risk of fire. Clean the interior area regularly to ensure safe and efficient operation.
5. Make sure there are no flammable or explosive materials (e.g., thinner, alcohol, gasoline, etc.) in the surrounding environment when operating the machine.
6. Use a fire extinguisher and inspect it regularly.
7. When processing materials that emit flammable gases or fumes, ensure proper ventilation. If excessive fumes are released, stop processing immediately.
8. 8. If the laser cover is opened during operation, please wear safety goggles to avoid eye injury from 455 nm or 1064 nm laser beams (depending on the laser model). Avoid direct or reflected laser exposure.
9. Avoid touching the laser-exposed surface or engraved object immediately after operation to prevent burns. If burns occur, seek medical attention.
10. Do not allow untrained personnel or children to operate this equipment under any circumstances.

2 Laser Safety

- During normal operation, the laser is enclosed with the lid. The LX2 is equipped with a safety interlock system; if the lid is opened during operation, the laser will stop emitting light, ensuring that there is no harm to the user.
- It is strictly prohibited to operate the device with any parts disassembled. The absence of any components can pose a laser safety risk and damage the equipment. Do not tamper with the safety mechanisms of the cover.
- Operating lasers or reflecting laser beams can quickly lead to fires, burns, and permanent vision damage. Normally, the laser is shielded by the lid. If the target object cannot be fully covered, such as when using with accessories, safety goggles must be worn to protect the eyes from laser exposure.
- Before operating the equipment, users should be thoroughly knowledgeable about the following aspects: the physical characteristics of laser radiation, the hazard classification of lasers and related health effects, and safety measures.
- Never operate the laser unattended. During operation, closely monitor the device to ensure it is functioning normally.

Package List



Rear Door Panel x 1



Left Side Panel x 1



Front Door Panel x 1



Right Side Panel x 1



M3*6 Screws x 14



M3*12 Screws x 8



Hex Key H2.0 x 1



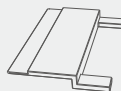
User Manual x 1

Rotary Extension(Optional)

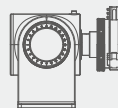


M3*6 Screws x 6
(For instal jaws/stud)

M3*10 Screws x 4
(For instal Rotary Head and Base Plate)



Positioning
Block x 1



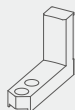
Rotary Head x 1



Base Plate x 1



USB-A to USB-A Cable (25 cm) x 1



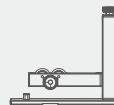
Single-step
Jaws x 3



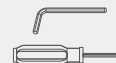
Stud Component x 3



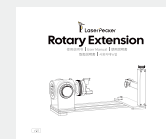
Double-step Jaws x 3



Tailstock x 1

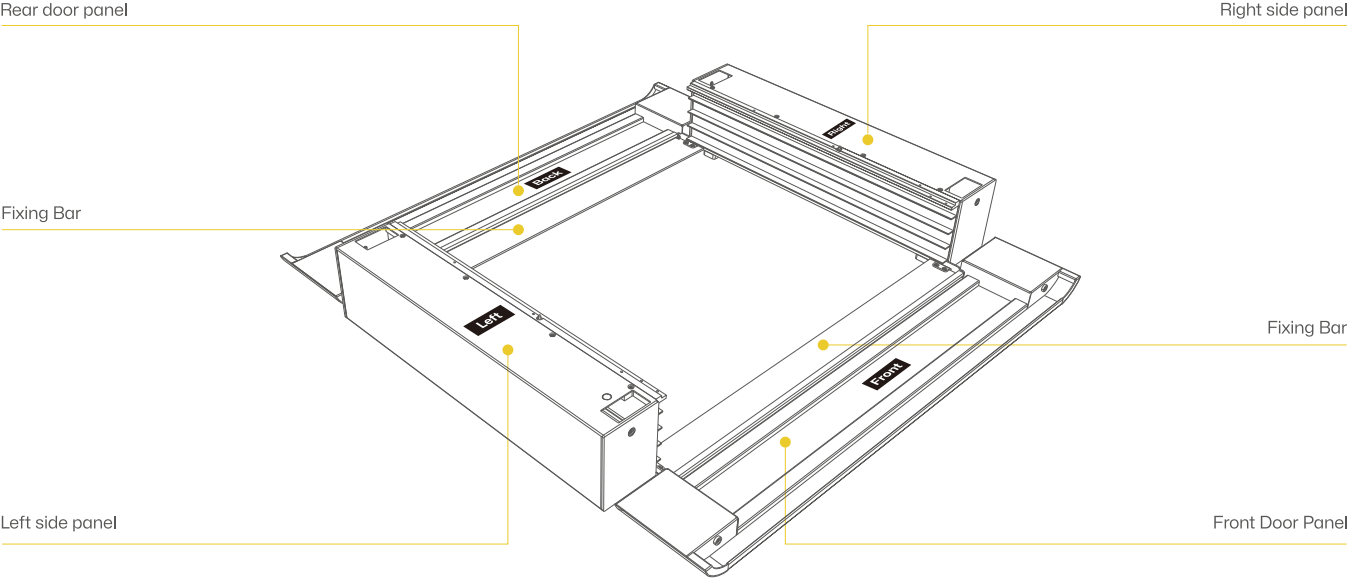


Hex Key H2.5 x 1
H3.0 x 1



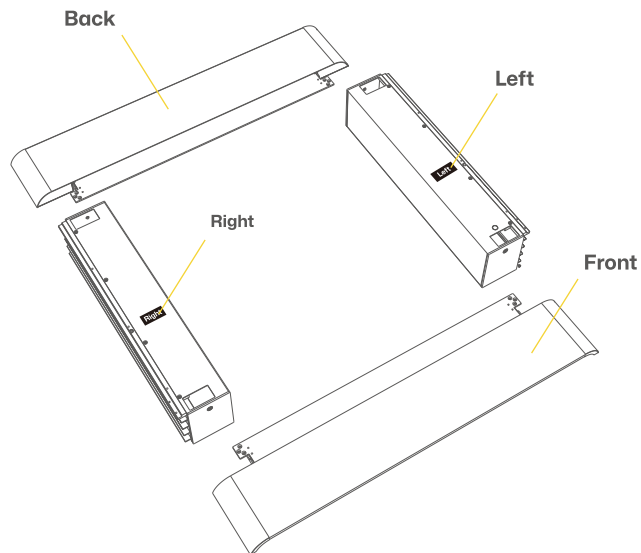
User Manual x 1

Component Introduction

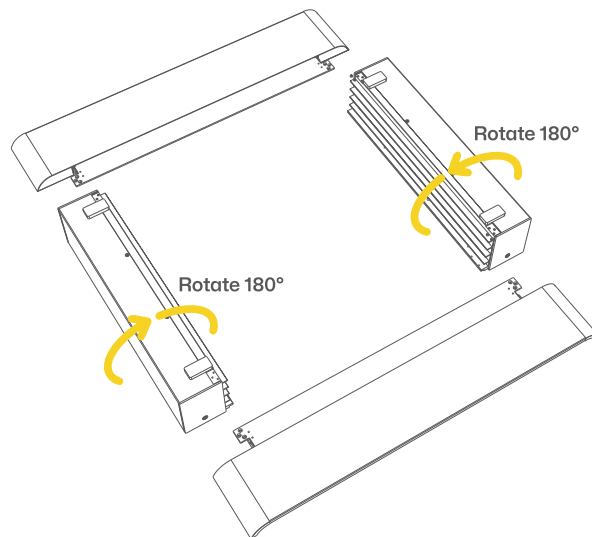


Quick Assembly

1. Place the front and rear panels, as well as the left and right side panels according to the image. (Make sure each panel is oriented correctly.)

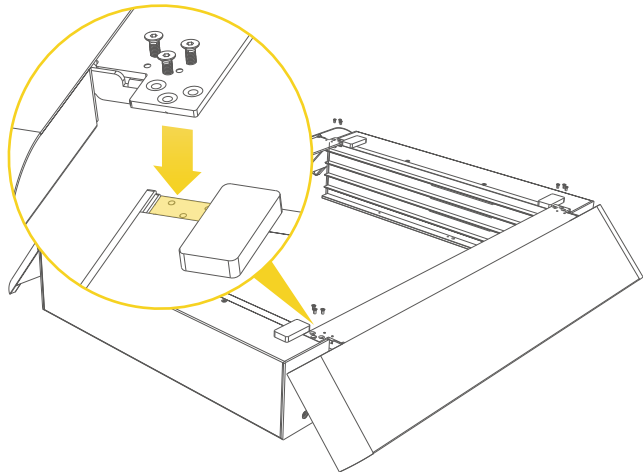


2. Flip the left and right side panels as shown in the image.

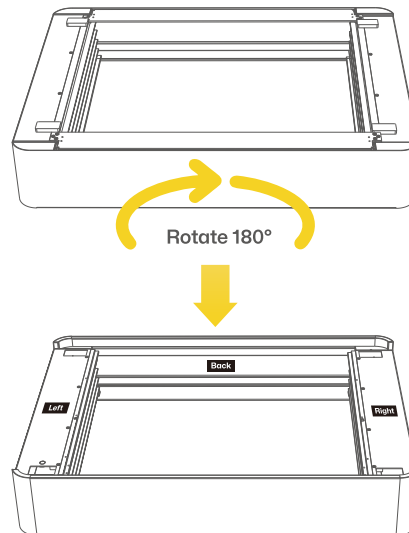


Quick Assembly

3. Align the front and rear panels with the slots on the side panels, then secure them using the H2.0 hex key to fix all twelve M3*6 screws.

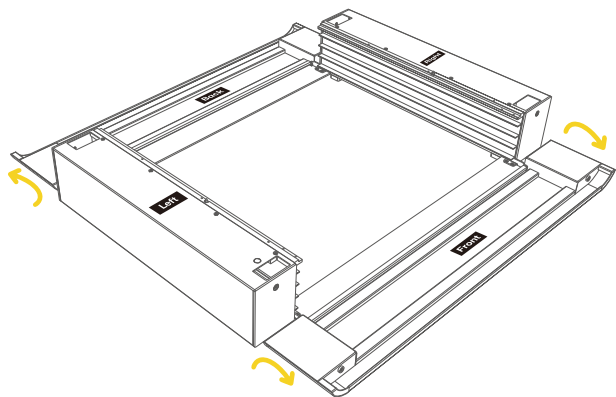


4. Flip the entire riser base 180° from left to right to complete the assembly. (Ensure the final assembly matches the image.)

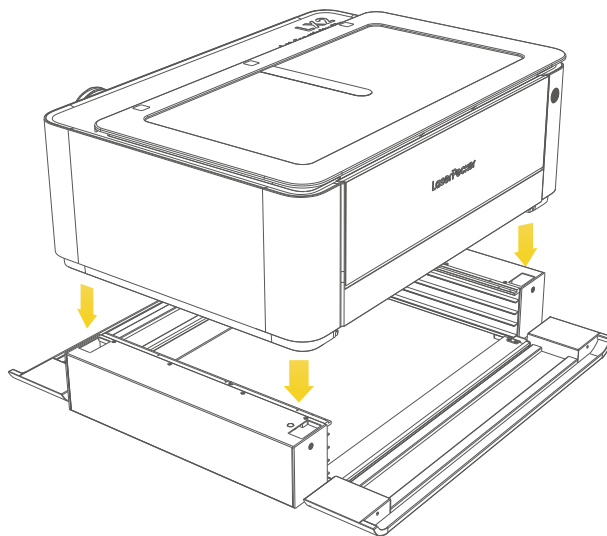


Quick Assembly

5. Open the front and rear door of the riser base.

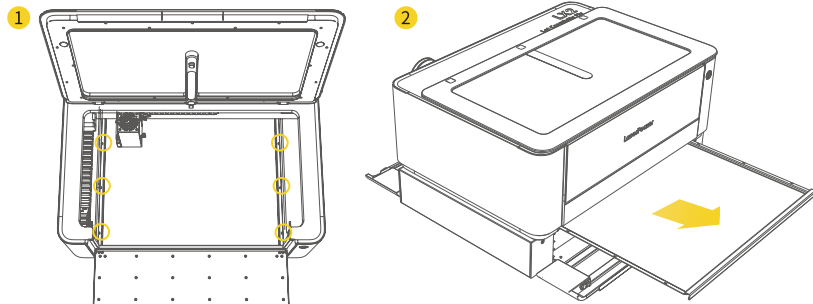


6. Place the LX2 onto the riser base.
(Mind your hands during the process)

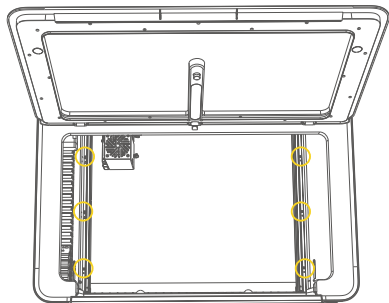


Quick Assembly

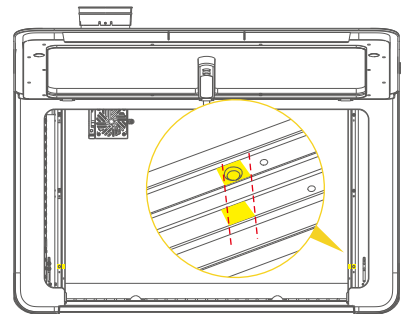
7. Then, using the H2.5 hex key (included in the LX2 toolbox), remove the six M3*6 screws securing the base plate of the LX2. Once removed, pull the base plate out from the bottom of the unit.



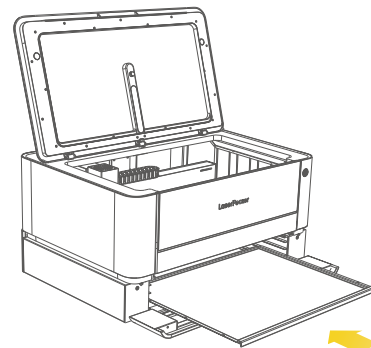
9. Use the H2.0 hex key to tighten the six M3*12 screws.



8. Ensure the left and right frames are aligned, and white alignment blocks are correctly positioned.

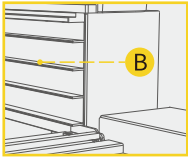
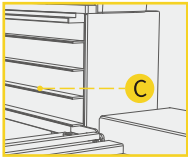
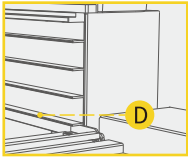


10. Insert the base plate into the appropriate slot according to material thickness.



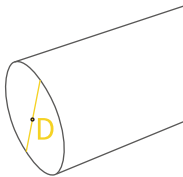
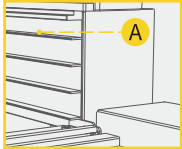
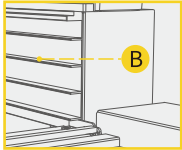
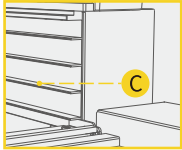
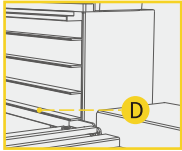
Height Level Settings

The riser base provides four levels to support materials of varying thicknesses.

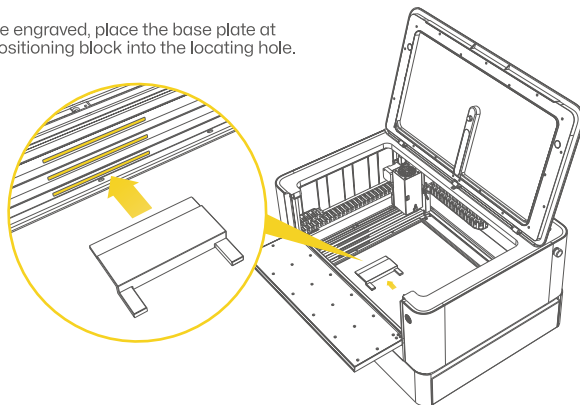
Level 1: Supported material height: 16.5~76.5 mm	
Level 2: Supported material height: 41~101 mm	
Level 3: Supported material height: 65.5~125.5 mm	
Level 4: Supported material height: 90~150 mm	

Using the Rotary Extension (Optional)

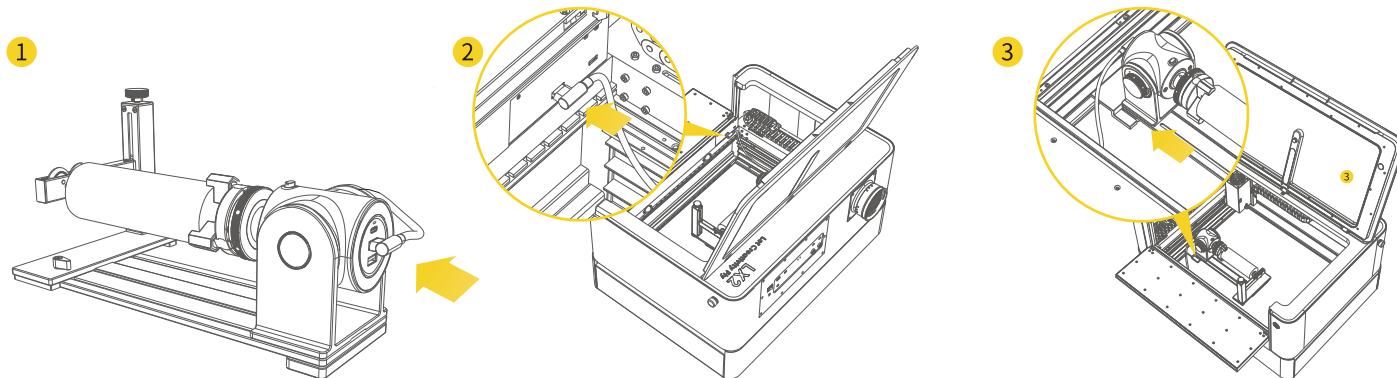
When using the rotary extension to engrave cylindrical or spherical objects, select the appropriate riser level based on the object's size.

Object Diameter	Supported Diameter: up to 130 mm	Height Levels
	Level 1: Cannot be used with the rotary extension.	
	Level 2: Supports $\varnothing 0\text{ mm} < d < 55\text{ mm}$	
	Level 3: Supports $\varnothing 0\text{ mm} < d < 104\text{ mm}$	
	Level 4: Supports $\varnothing 33\text{ mm} < d < 130\text{ mm}$	

1. Based on the height of the object to be engraved, place the base plate at the appropriate level, and insert the positioning block into the locating hole.



2. Insert one end of the USB-A to USB-A Cable (25 cm) into the rotary extension, and the other end into the machine's USB port. Then attach the rotary extension into the positioning block.



Technical Specifications

Product	LaserPecker Riser Base
Model	LX-RB
Product Dimensions	762 × 555 × 142 mm (30.0 × 21.9 × 5.6 in)
Package Dimensions	815 × 345 × 205 mm (32.1 × 13.6 × 8.1 in)
Net Weight	11 kg (24.3 lbs)
Gross Weight	With rotary extension: 14.7 kg (32.4 lbs) Without rotary extension: 13 kg (28.7 lbs)

Getting Help

Technical Support

If you encounter any issues, please do not hesitate to reach out to our customer support team at support@laserpecker.com.
YouTube: @LaserPecker



Statements

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