

# Customer Support

Please visit the WeCreat Support Center for more setup, maintenance and application tutorials and questions.

<https://support.wecreat.com>

If you need more support, please try one of the following two options. We will get in touch with you as soon as possible.

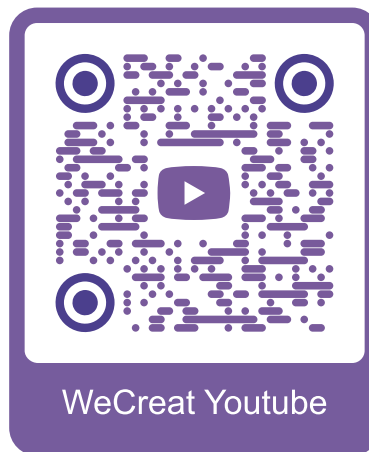
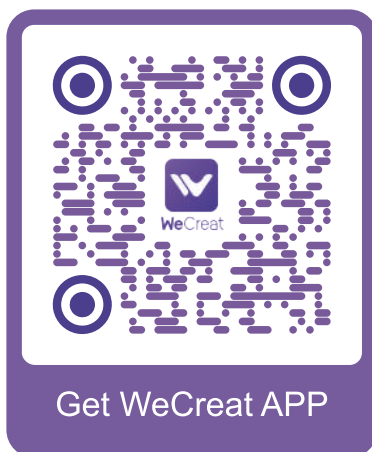
1. Submit a support ticket at <https://support.wecreat.com>.
2. Directly send us an email: [support@wecreat.com](mailto:support@wecreat.com)

## Join Our Community.



## Download WeCreat Makeit!

## Video Quick Start Guide



Let's Create with WeCreat!  
[www.wecreat.com](http://www.wecreat.com)



# WeCreat Lumos

## USER MANUAL



Please review the entire guide before operating the device.

\*Safety Notice: Do not connect to power until setup is complete.

[www.wecreat.com](http://www.wecreat.com)



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# Declaration

The User's Manual (hereinafter referred to as the "Manual") is intended to provide detailed instructions for installing and operating the WeCreat Lumos. Through this manual, users will understand how to operate the laser safely and effectively to ensure optimal use.

Users must install and use according to the guidance of this Manual. The company does not assume responsibility for any damage or malfunction caused by not following the Manual's guidelines. The company is not responsible for any loss caused by unauthorized repair, modification, or improper use.

The compilation of this Manual aims to provide users with clear and accurate installation and usage guidance to promote the correct use of the laser machine, ensuring user safety and effective operation of the device.

The company is committed to continuously optimizing products and improving services. For any questions about the content of this Manual or any issues encountered during the use of the laser, please feel free to contact us for feedback: [support@wecreat.com](mailto:support@wecreat.com)

The copyright of this Manual belongs to the company. This Manual and the information, diagrams, and logos contained herein are protected by copyright law. Without the company's explicit written authorization, no unit or individual may copy, reprint, excerpt, or utilize this Manual in any other form.

The company reserves the right to update this declaration and the content of the Manual at any time without further notice. If there are changes, please refer to the latest information published by the company.

# Safety



Warning: Do not leave the device unattended when in operation.



Turn OFF device before plugging/unplugging.



If the machine operates with setting errors and is left unattended for an extended period of time, or if a mechanical or electrical fault occurs, it may lead to a fire.



Keep explosive and flammable materials away from the device.  
Do not stack materials (such as paper) around the machine.  
They may cause the spread of flames and increase the risk of material ignition.



Avoid eye or skin exposure to direct or scattered radiation visible and invisible laser radiation.

# Safety

## **Please follow the operating principles:**

1. Prior to each use, inspect the machine for any damage. Do not operate the machine if any damage or defects are detected.
2. Ensure that the workspace is clean and level.
3. Unauthorized disassembly or alteration of the machine's structure is strictly prohibited. Do not modify or decompile its operating system.
4. Maintain cleanliness inside the machine. Residues and debris accumulated during cutting and engraving can be hazardous and may cause a fire. Regularly remove chippings and residues.
5. Do not operate the machine when the lid is open. Always ensure the enclosure is closed before operating the machine.

Caution! Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

## **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

# Safety

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

## RF exposure statement

RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of  $d=20$  cm between the device and the human body. To maintain compliance with RF exposure requirements, use product that maintain a 20cm distance between the device and the human body.

This device may be used in each member state.

## Wireless Specifications

### Bluetooth

Wireless Technology: BLE 5.0  
Operating Frequency: 2402-2480MHz  
Transmit Output Power:  $\leq 5\text{dBm}$

Wireless Connectivity: IEEE 802.11b/g/n, up to 40MHz  
Operating Frequency: 2412-2452MHz  
Transmit Output Power:  $\leq 15\text{dBm}$

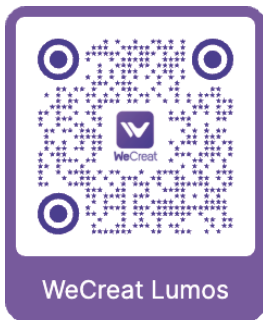
2.4GHz Wi-Fi

## Main Specifications

Laser radiation output: 3W/10W  
Wavelength: 1064/450nm / 645 - 655 nm  
IEC 60825-1: 2014

Dimensions	242*269*312mm (9.53"*10.59"*12.28")
Rated Laser Power	3W/10W
Package Size	385*365*430mm (15.16"*14.37"*16.93")
Max Engraving Speed	4000
Weight	Net Weight: 7kg(15.43lbs) Gross Weight: 11.2kg(24.69lbs)
Working Area	116mm*116mm (255.74"*255.74")
Electrical Requirements	100-240V DC24V 7A 168W
Connection Mode	USB, WiFi

# Meet your WeCreat Lumos



For a video Quick Start Guide, please visit [wecrat.com/learn](https://wecrat.com/learn) or scan this QR code to view.

## Start Button

Long press to cancel a project



## Protective Enclosure



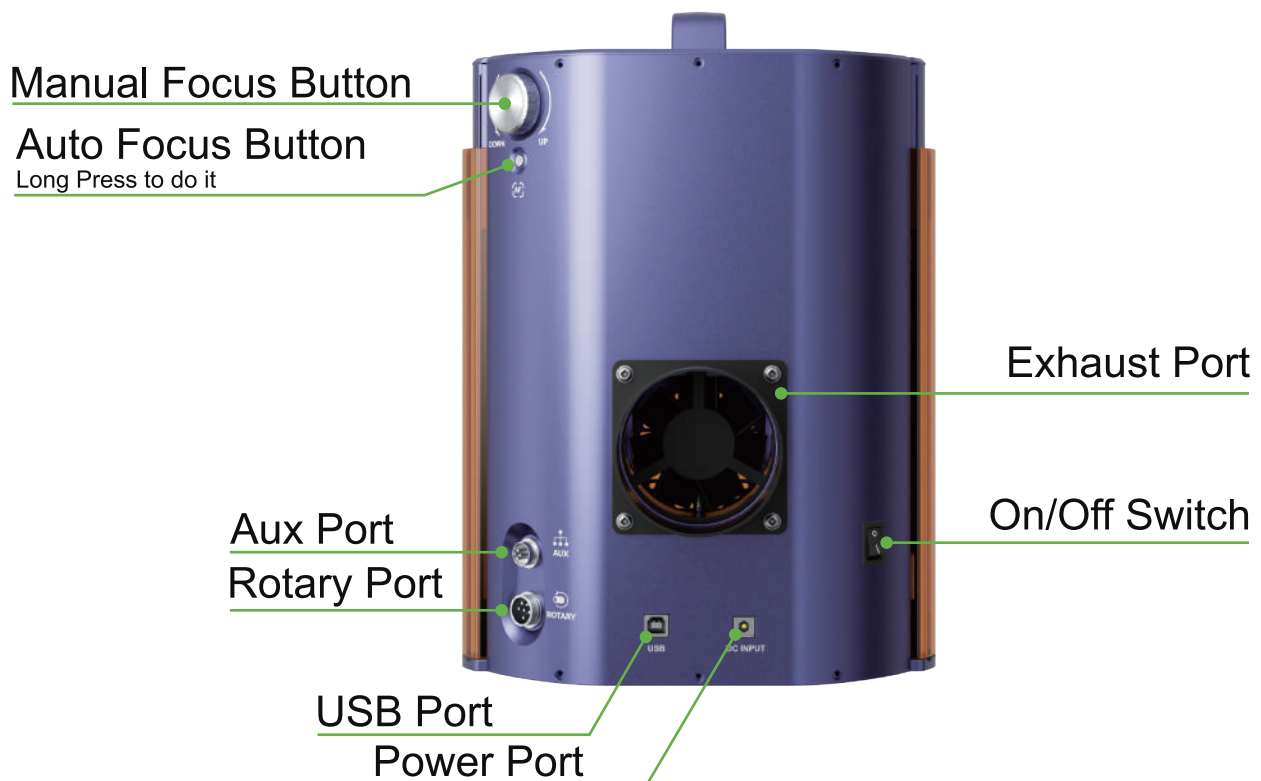
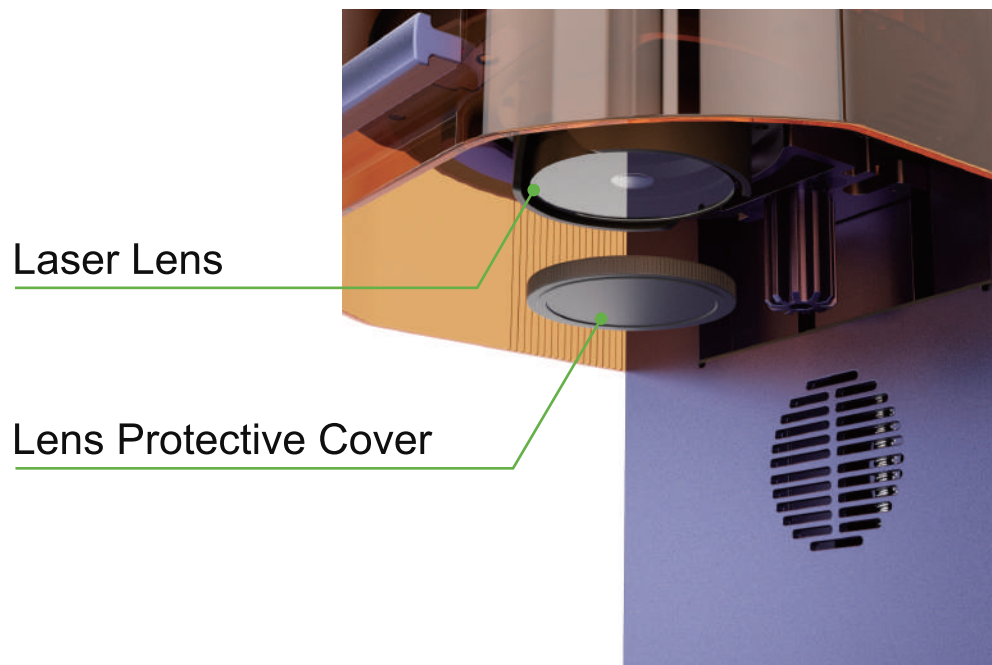
## Handle



## Exhaust Fan

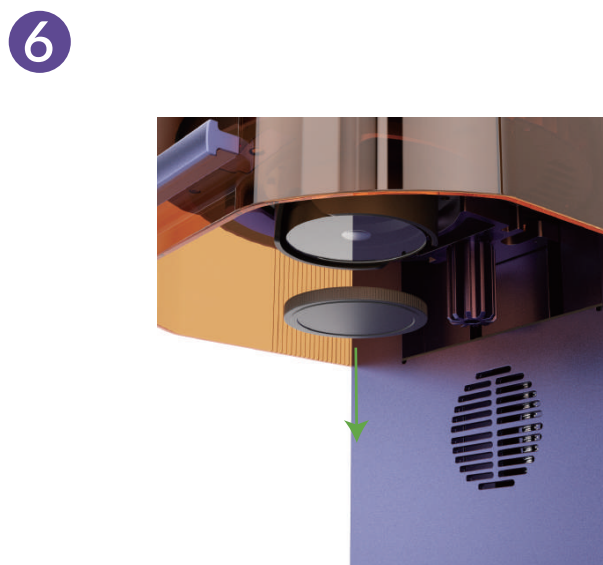
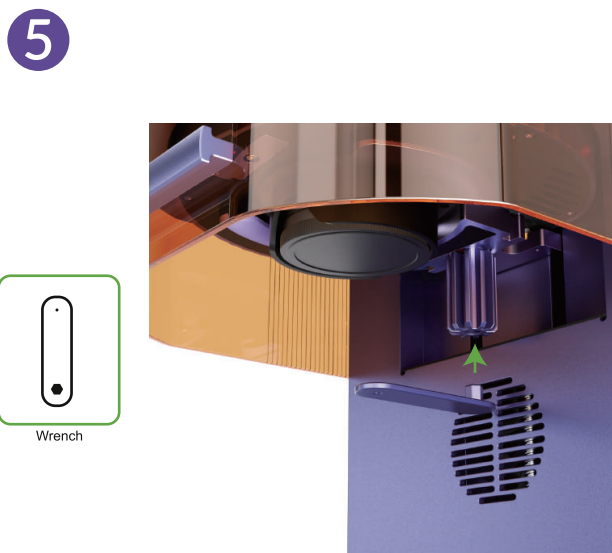
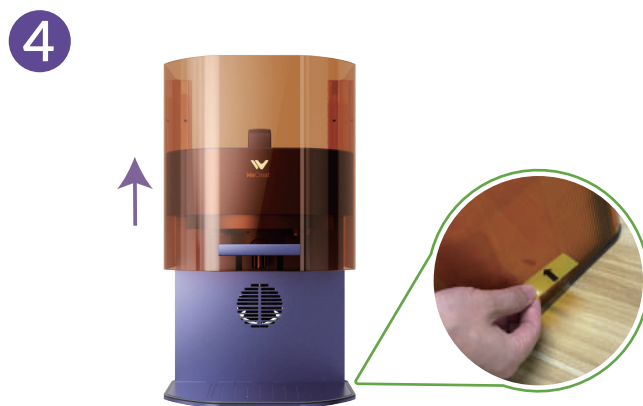
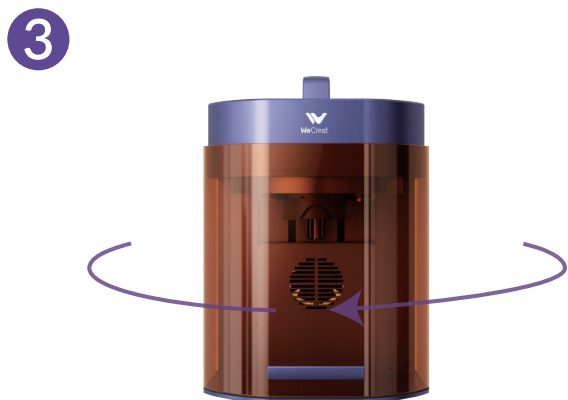
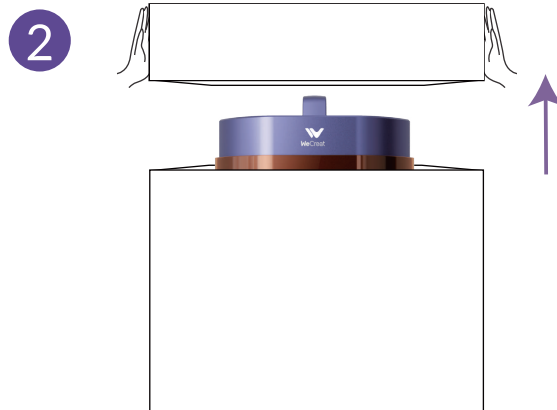
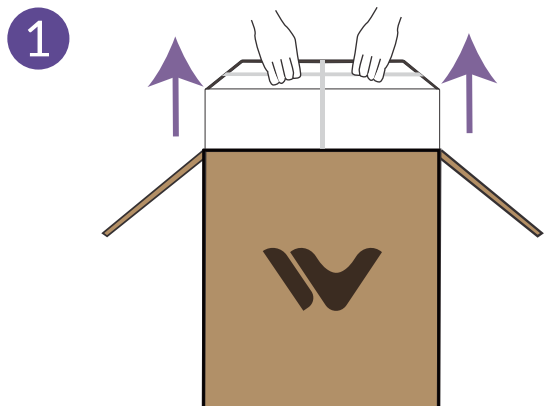
## Removable Laser Bed

# Meet Your WeCreat Vision Pro

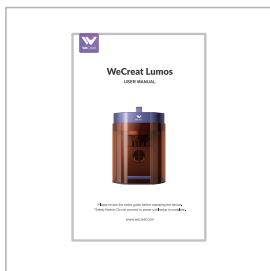


# What's In the Box

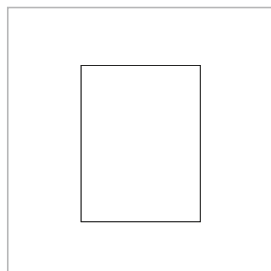
Unpack to take out the WeCreat Lumos and check together with all included parts and accessories. If the product is severely damaged or any part is lost, please refrain from using it and get in touch with WeCreat customer service at [support@wecreat.com](mailto:support@wecreat.com).



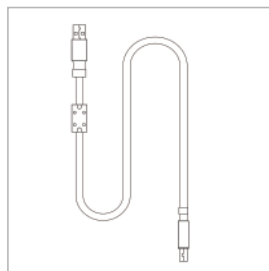
# What's In the Box



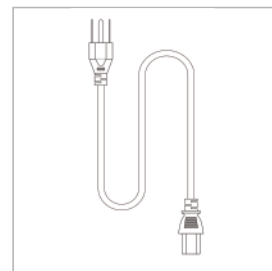
User Manual \*1



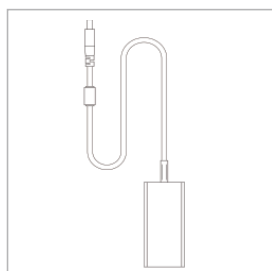
Basswood \*1



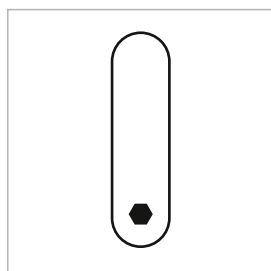
USB Cord\*1



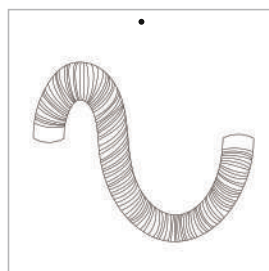
Power Cord \*1



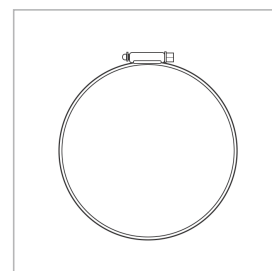
Power Adapter \*1



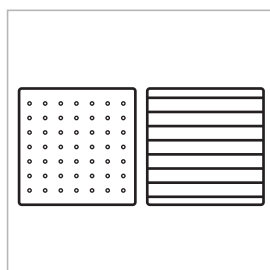
Wrench \*1



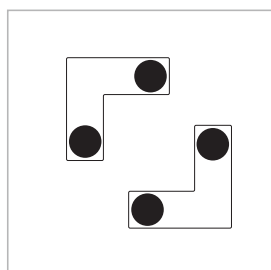
Exhaust Hose \*1



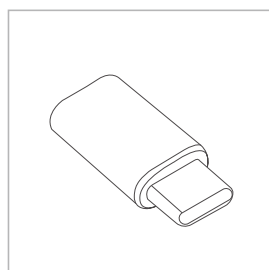
Exhaust Hose  
Clamp \*1



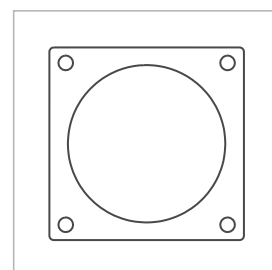
Working Panel\*2



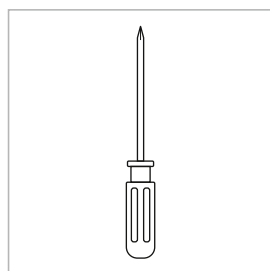
Positioning Piece \*2




USB type-c Converter\*1



Exhaust Hose  
Connector \*1



Screwdriver \*1

 **Save the packaging!** If you would like to move your Lumos, or ship it (for example, for gift or warranty purpose), check this manual or our unboxing video to learn how to pack it in the right way. Only the original boxes and foams can ensure a safe transportation.

# Product Setup

- 1 Connect the exhaust hose. Remove the screws, then install the exhaust clamp to secure the hose.

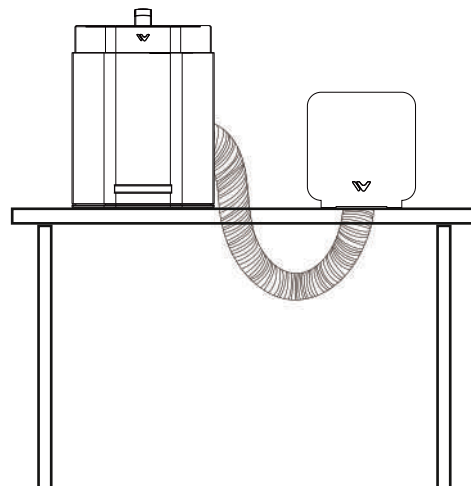
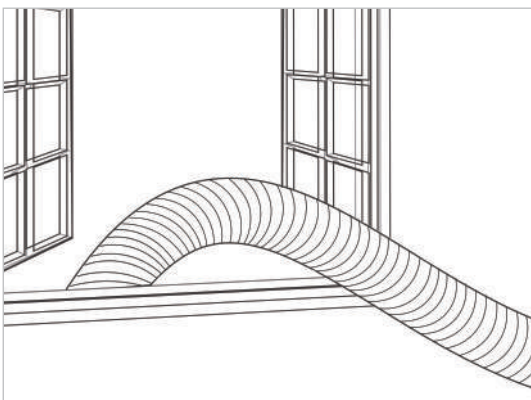


- 2 Put the other end of the hose outside of the window, or connect to the WeCreat Fume Extractor (sold separately).

Note: When the WeCreat Lumos is not in use, disconnect the hose from the machine or remove it from the window to avoid moisture/dust come into the machine and cause damage.



Using an exhaust hose extension may weaken the exhausting capacity of the machine, resulting in smoke leakage.

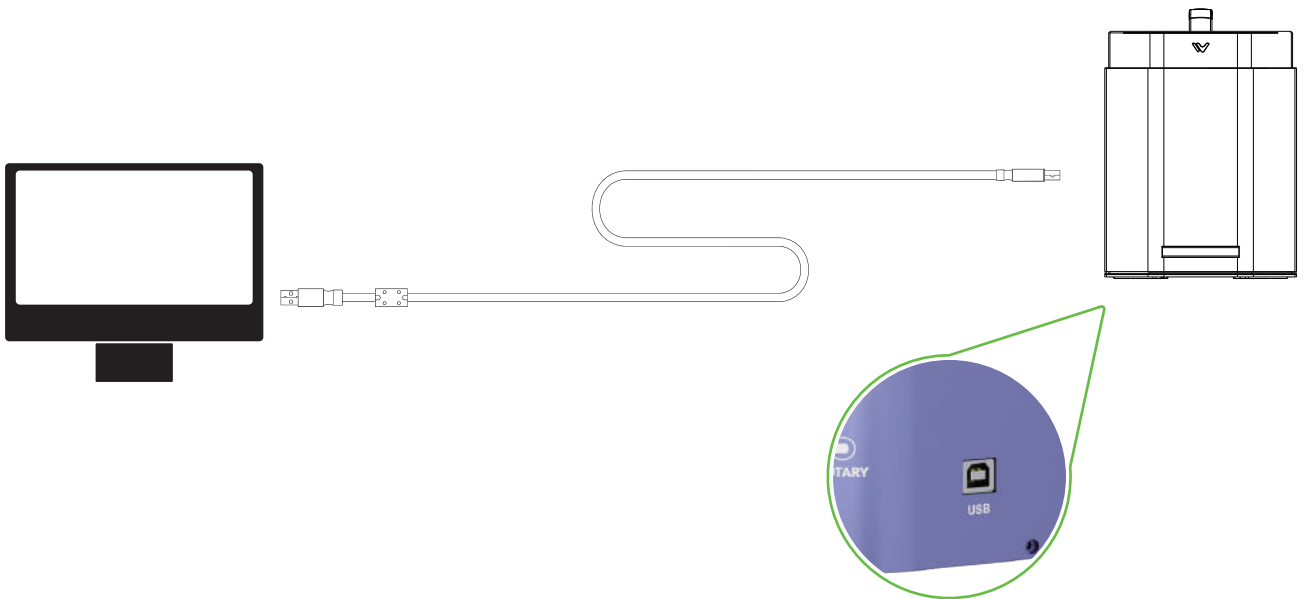


# Product Setup

- 3 — Connect power supply.

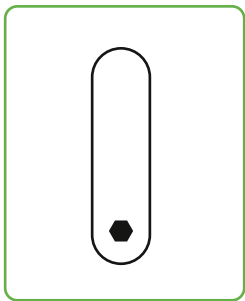
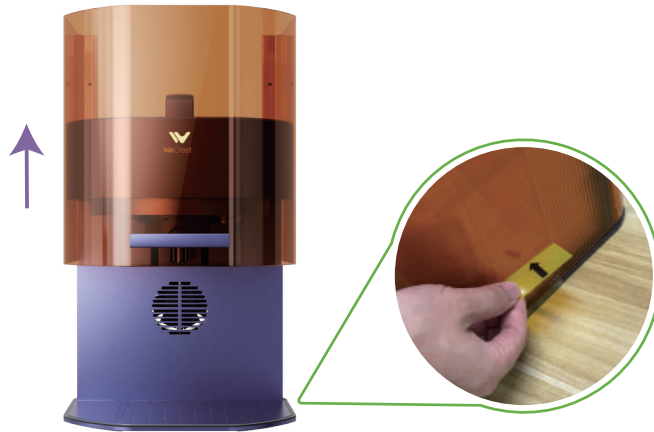


- 4 — Connect the USB cord.

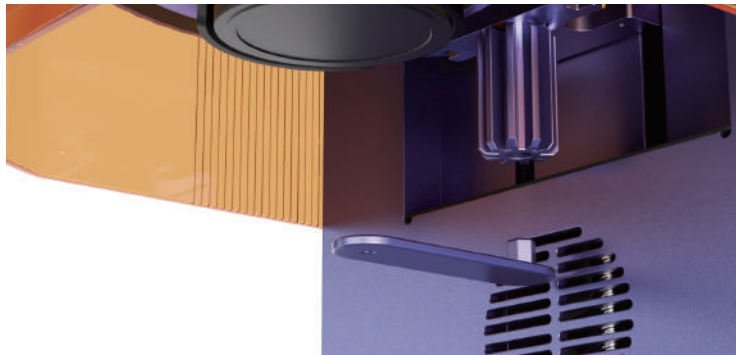


# Product Setup

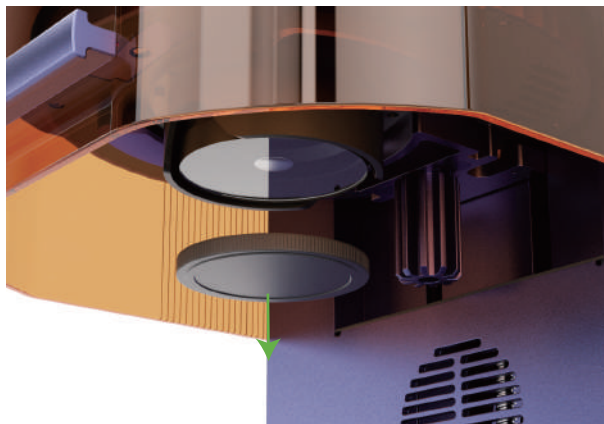
- 5 — Use the included wrench to fasten the laser module.



Wrench



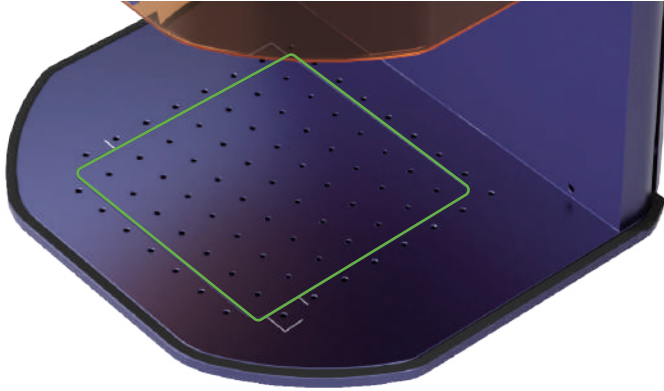
- 6 — Remove the laser lens protective cover.



Note: Inspect the lens itself for looseness and tighten if necessary.

# Product Setup

- 7 — Install the working panel.



Note: for cutting, please install the triangle prism panel.

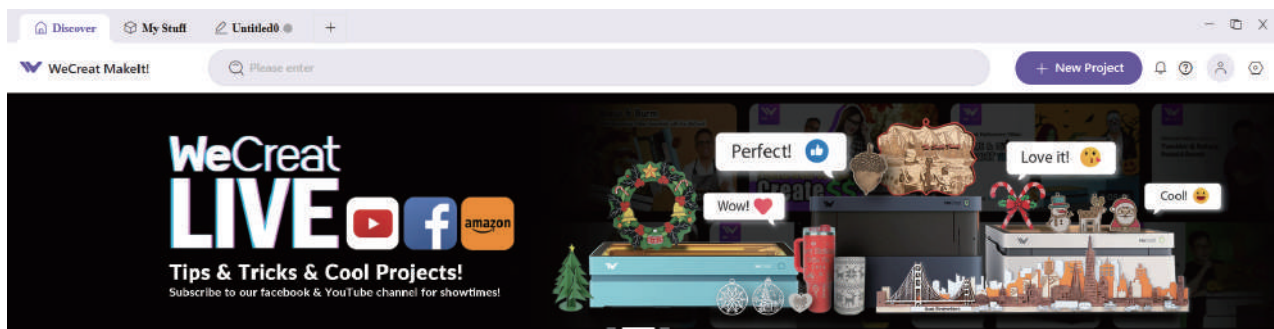
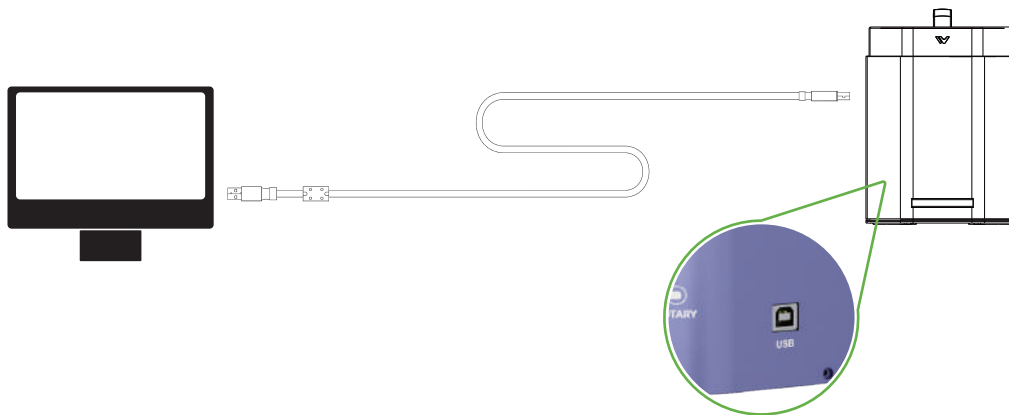


At this point, the hardware setup is now complete and ready for operation.

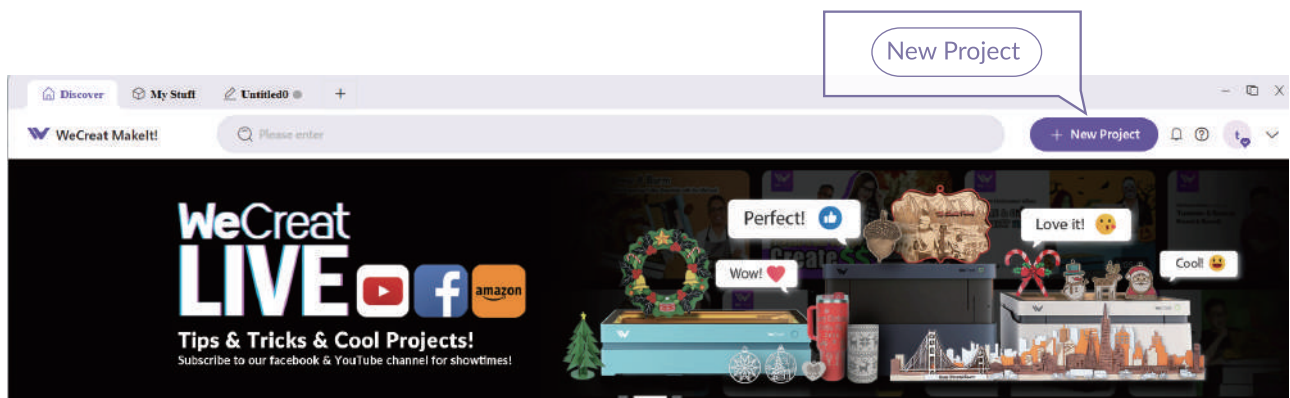
# Software and Network

1. Visit <https://wecreat.com/pages/software> on your computer and download the WeCreat MakeIt! App. Click Yes when you are asked "Do you want to allow this app to make changes to your device?" and then continue the installation as prompted.

2. Use the supplied USB cable to connect the machine to your computer. Open the WeCreat MakeIt! Software and click the 'Profile' button to create or log in to your WeCreat account.



3. Once you have successfully logged in, click the New Project button.

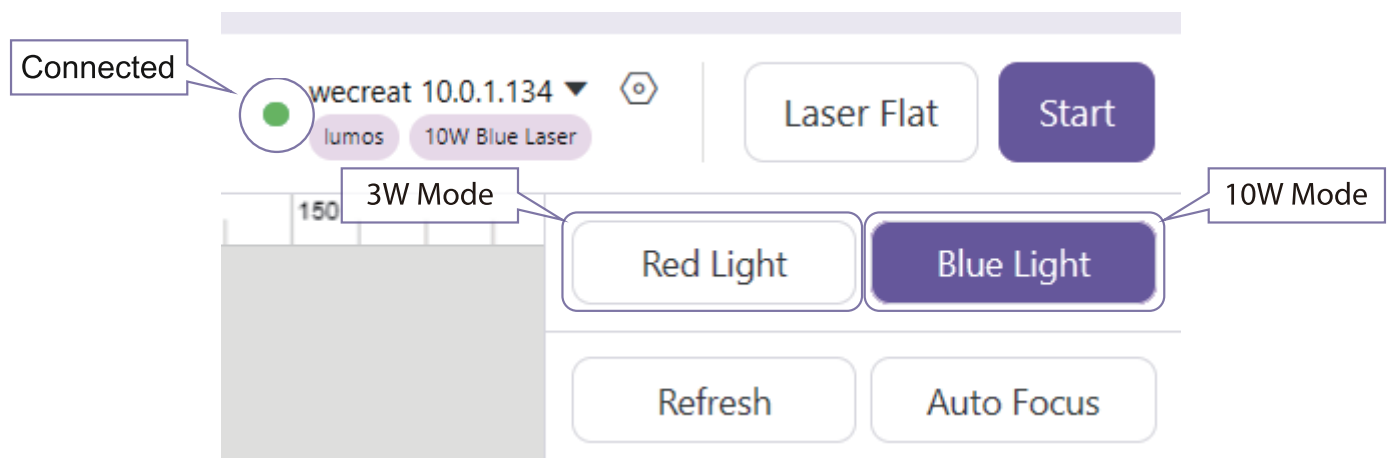


# Software and Network

Note: For Windows operating system, it may ask you to install the USB driver first, please follow the prompts to finish the installation.

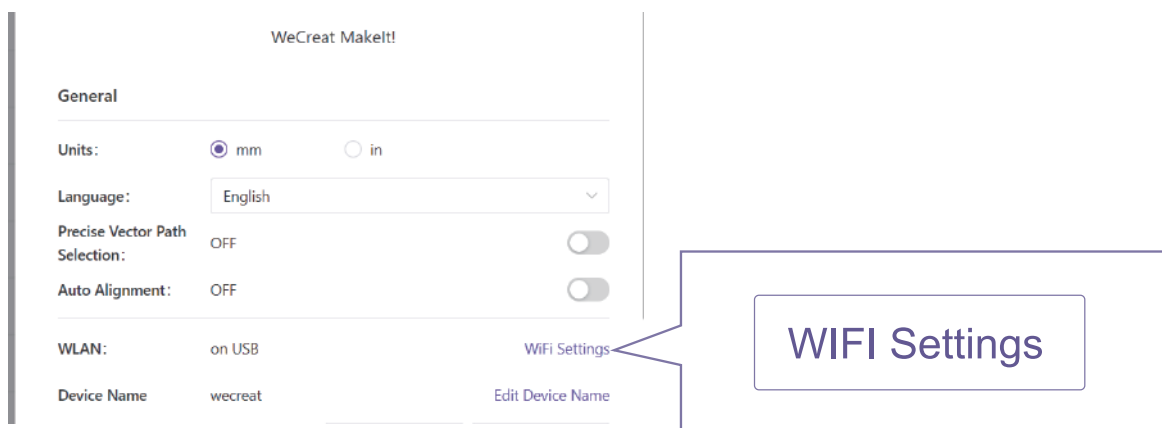
4. In the device list of the on the top right corner, you will see the device name with a USB icon, that means the machine is ready for USB connection, please click on it to establish the connection between the machine and your computer. Then you can start creating new projects.

**3W Mode: Click Red Light button**  
**10W Mode: Click Blue Light button**



5. You may wish to connect the WeCreat Lumos via Wi-Fi instead of a USB cable connection. If so, please click the Settings button on the menu bar, and go to WiFi settings.

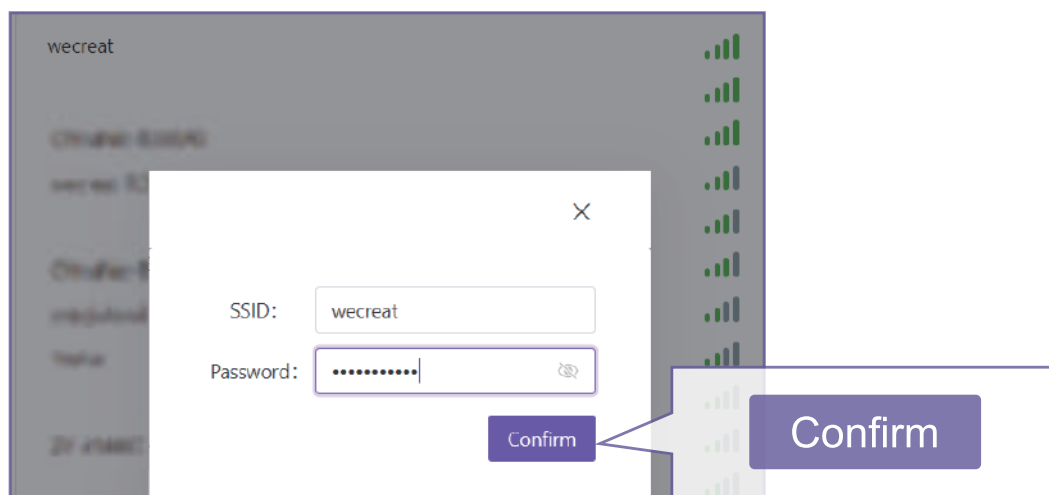
Note: Don't disconnect the USB cable until Wi-Fi setup is complete.



# Software and Network

6. Select your home network and connect to it. Input your Wi-Fi password if required.

Note: This product doesn't support 5GHz Wi-Fi connection. Please ensure your Wi-Fi modem/router supports and has activated the 2.4GHz connection.



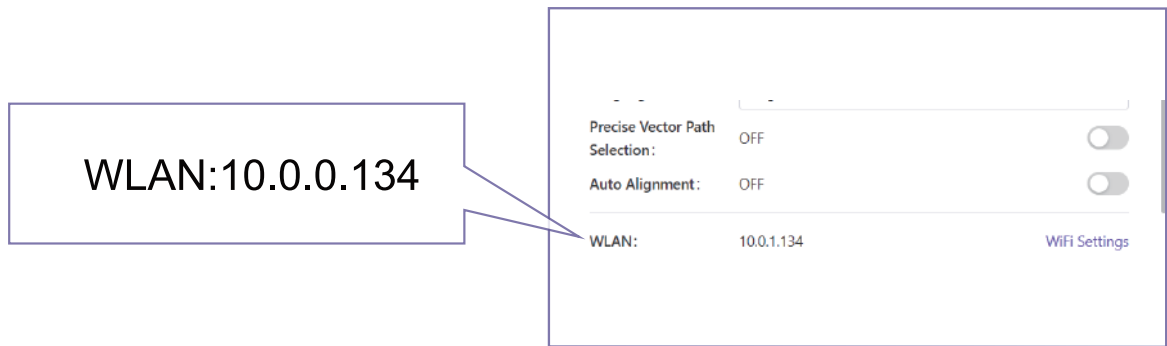
7. When you see the message “Wi-Fi connected successfully”, close the settings window. Then you will see the machine is shown in the device list with a green dot on the right side, which means you are now connected to Lumos wirelessly, eliminating the need for a USB connection.



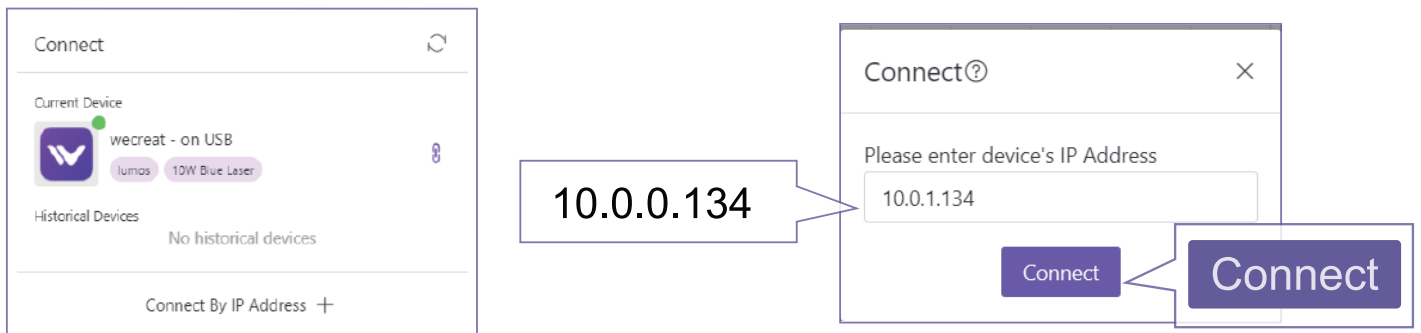
Note: Sometimes due to the compatibility issue with specific Wi-Fi modem/routers, issues may arise with showing the machine's name in the device list, in that case you can manually add the device as follows:

# Software and Network

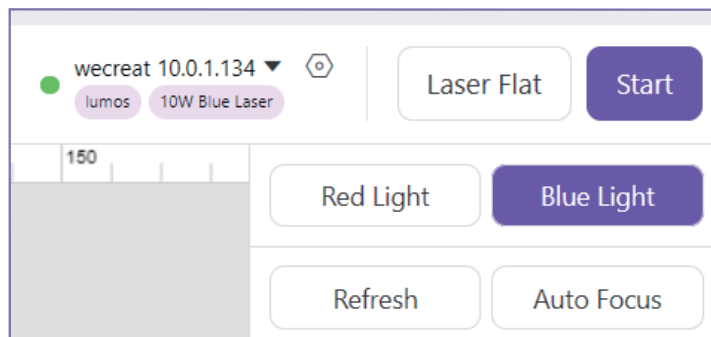
- ① Keep the USB cable connected between your computer and WeCreat Lumos.
- ② Open the Settings window, find the WLAN IP address, and write it down.



- ③ Navigate to the right side menu bar, click on the device list and click +. In the pop-up window, put in the IP address which you have just written down, then click Connect.



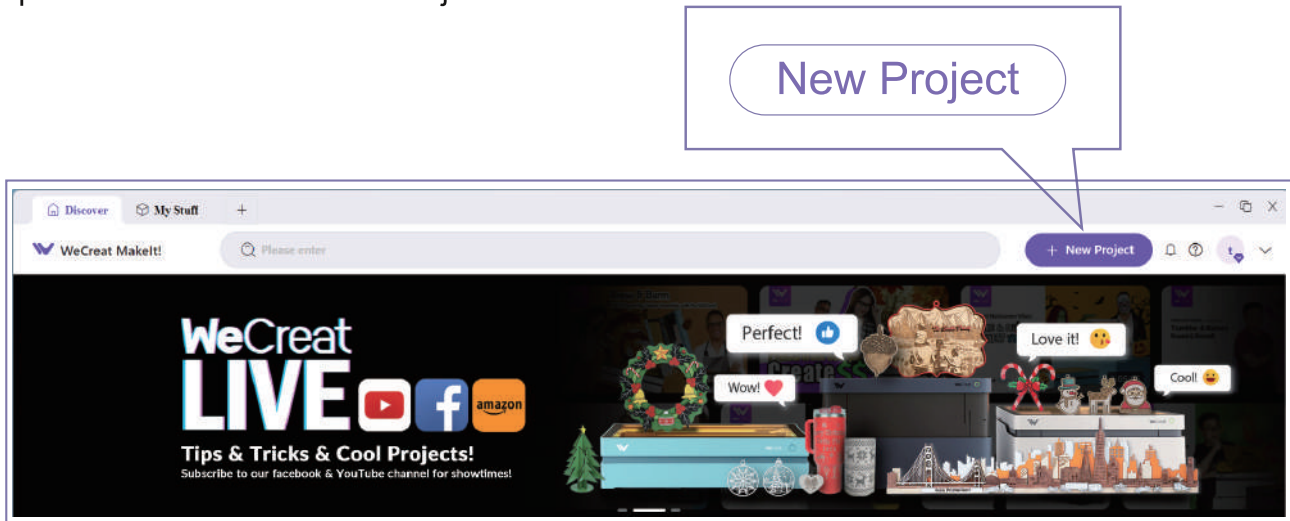
- ④ Now please check if the wireless connection is established.



If you still encounter issues with establishing the Wi-Fi connection, please feel free to contact us at [support@wecreat.com](mailto:support@wecreat.com), our helpful and friendly support engineers are just one click away!

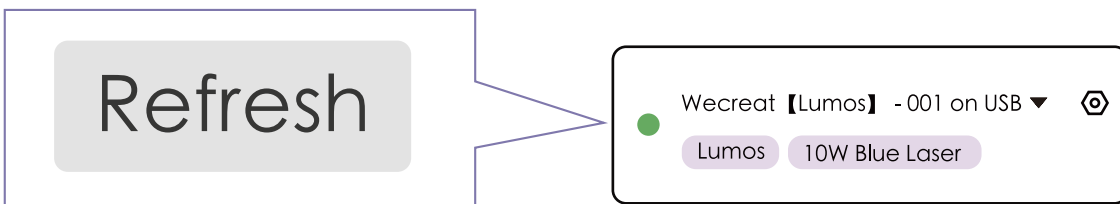
# First Project

1. Open Makelt and click New Project.

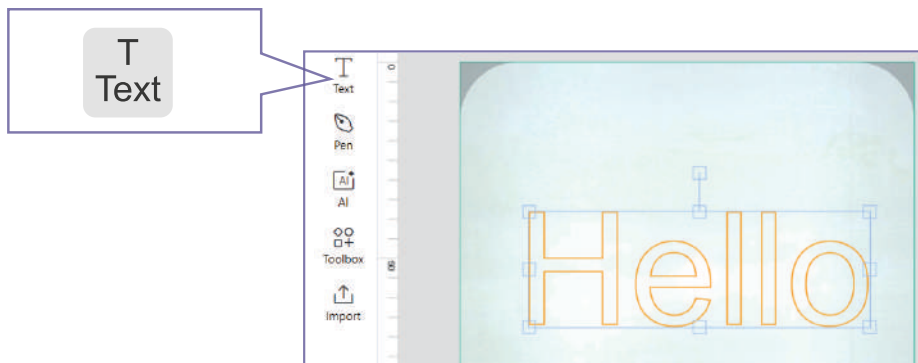


2. Open the lid and place the 3mm small wood that comes with the package. Switch to 10W Blue Light Mode. Click on refresh to show the wood position.

\*Ensure the laser is connected either via USB or WiFi and you should be able to see a green dot on the right status bar.

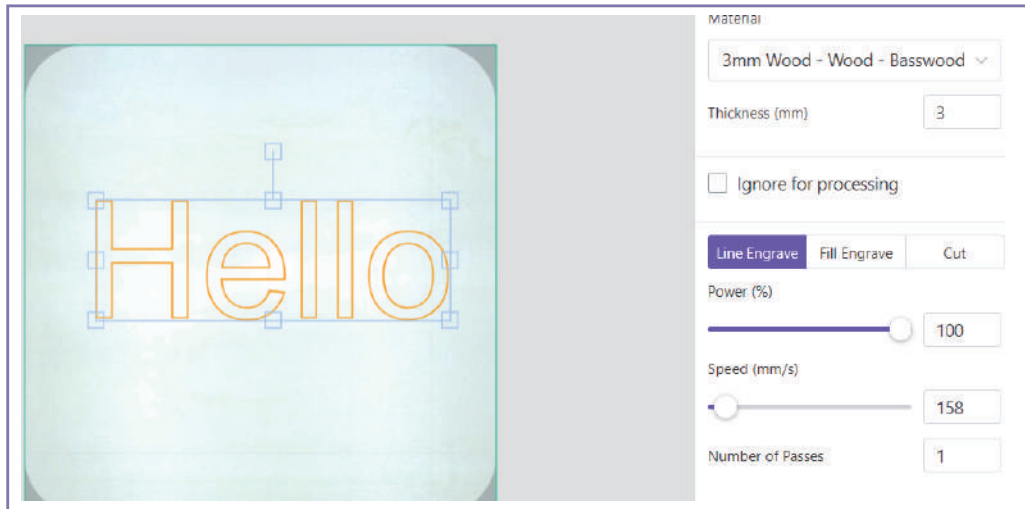


3. Select Text in the left side menu, then click on the canvas to insert the text. You can double-click the text area to edit it, or drag it to zoom in/out and adjust its position.

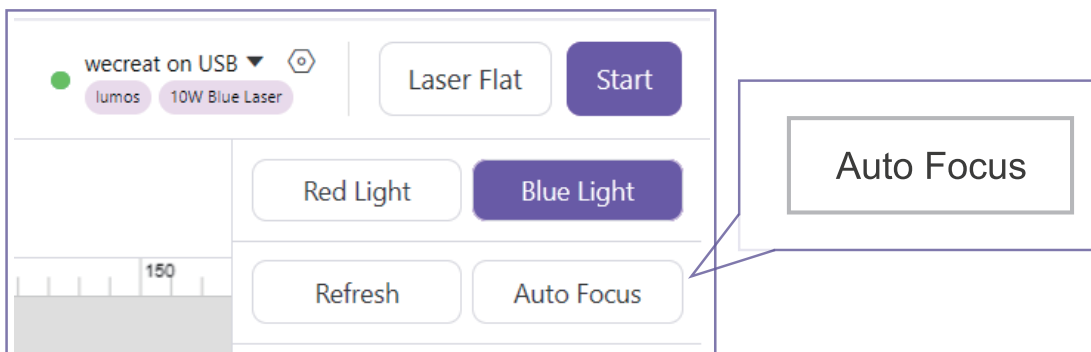


# First Project

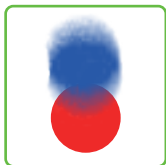
4. Drag the mouse to select the text, choose Line Engrave on the right side menu, adjust the Power and Speed settings accordingly, or simply keep the default settings.



5. Then click the Auto Focus.



## Note



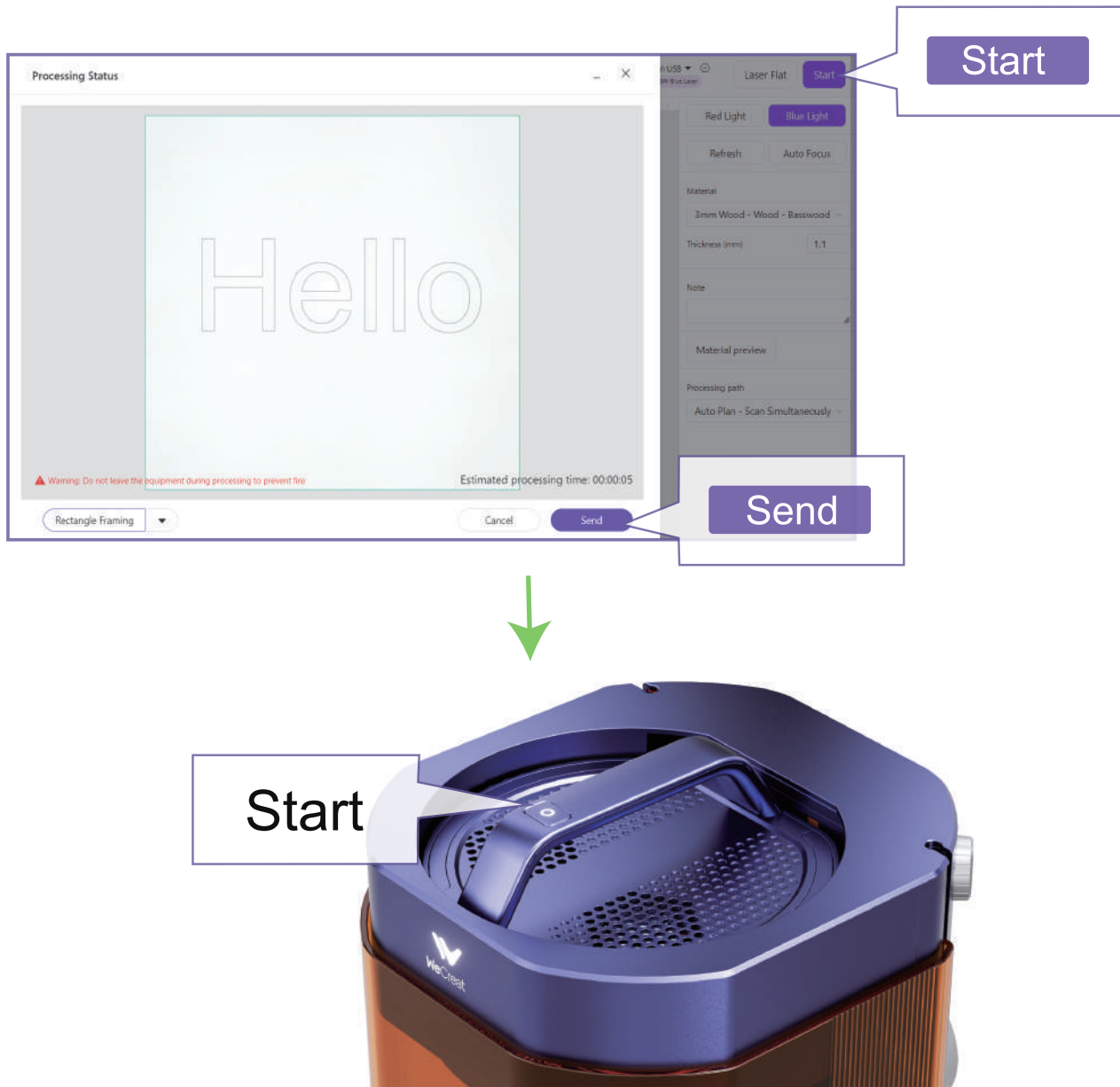
If you prefer manual focus, gently turn the knob to adjust the laser module height. When the red and blue light spots align perfectly, your manual focus is complete.

You may also long press the physical button to achieve auto-focus.



# First Project

6. Click the Start button, check the preview and estimated processing time in the pop-up window and click Send. Then, when you are ready to begin engraving or cutting, press the physical button on the machine to start the job.

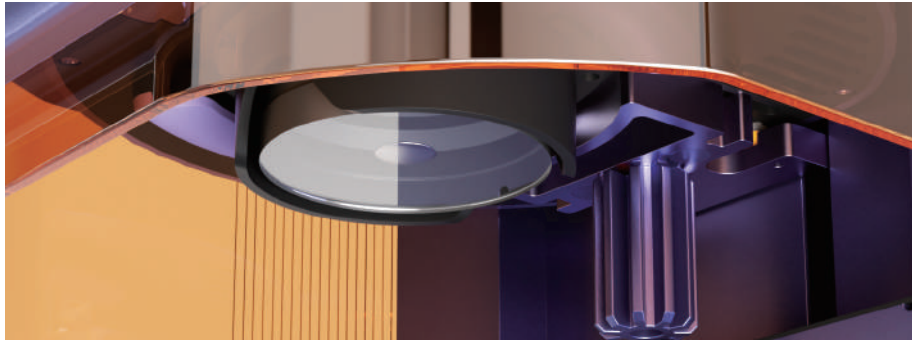


7. Wait until the task is finished, then lift the enclosure to meet your first project.

If you'd like to learn more about how to create advanced projects, please visit our online learning center at [wecreat.com/learn](https://wecreat.com/learn)

# Maintenance

1. If you notice reduced cutting/engraving performance (e.g., faint patterns or incomplete cuts), the field lens may need cleaning. Gently wipe the lens with an alcohol-moistened, lint-free cloth.



2. If you notice dust accumulation on interior surfaces or viewing windows, please clean it with the lint-free cloth moistened with alcohol.



3. If you notice smoke lingering in the workspace or weakened airflow from the exhaust port, the fan may be blocked, please use a cotton swab or a compressed air blower to clean it.



# Appendix

## After-Sales Services

On a mission to make laser engraving easier to everyone, WeCreat group is here to help.

For after-sales services, WeCreat can be reached via

Telephone: +1 425-939-3933 Mon- Fri, 9 am - 6 pm EST

Email: [support@wecreat.com](mailto:support@wecreat.com)

Website: [www.wecreat.com](http://www.wecreat.com)

## Warranty

Within the initial one-year warranty period, we offer comprehensive technical support for any issues you may encounter.

Please click on the link below for more details. This limited manufacture's warranty does not affect any statutory warranty provided by law.

<https://wecreat.com/pages/warranty-policy>

V1.0 (20250508)