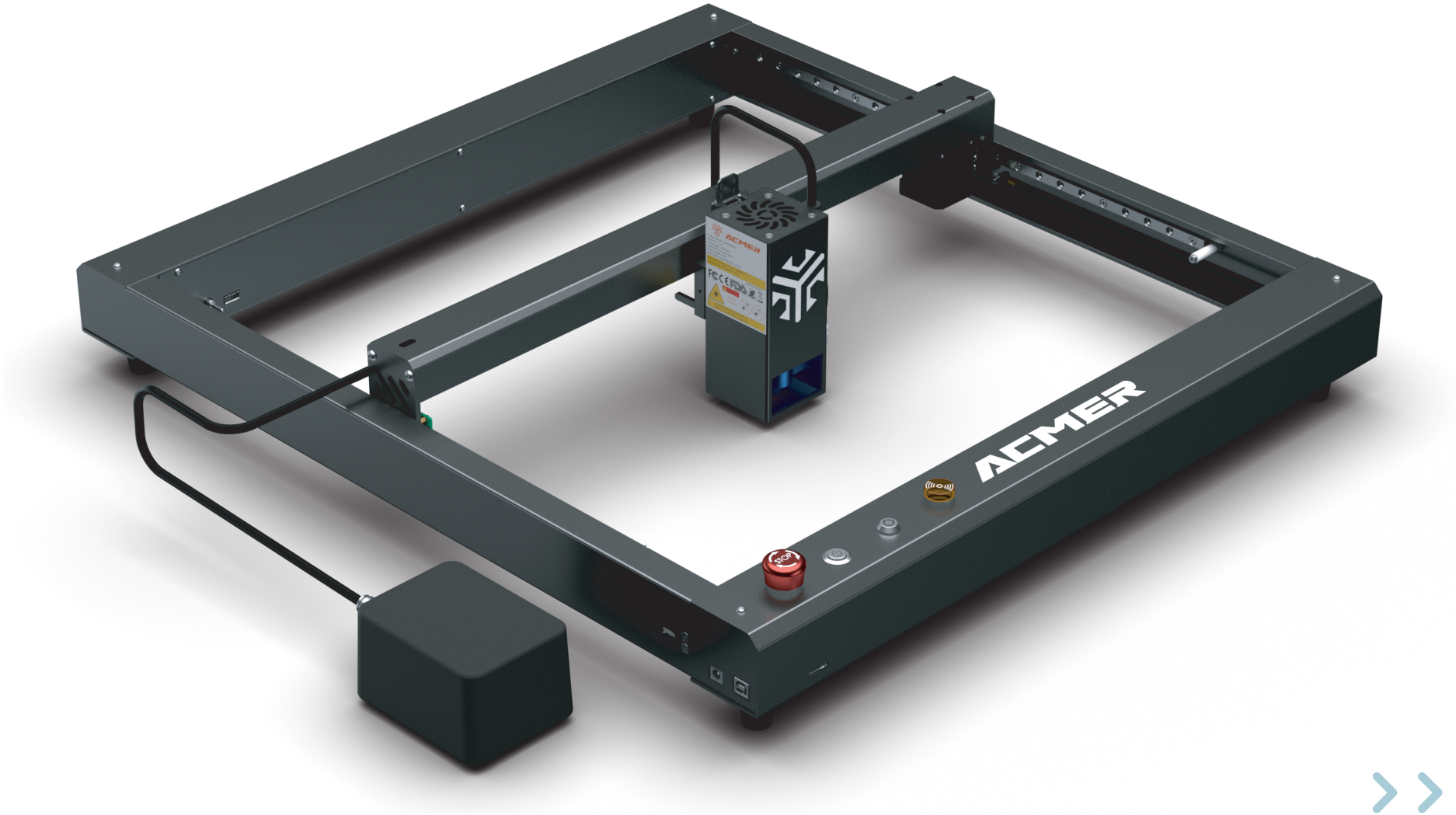
ACMER P2 Laser LightBurn Beginner's Guide



Disclaimer

Please read the following carefully before using LightBurn on the ACMER P2

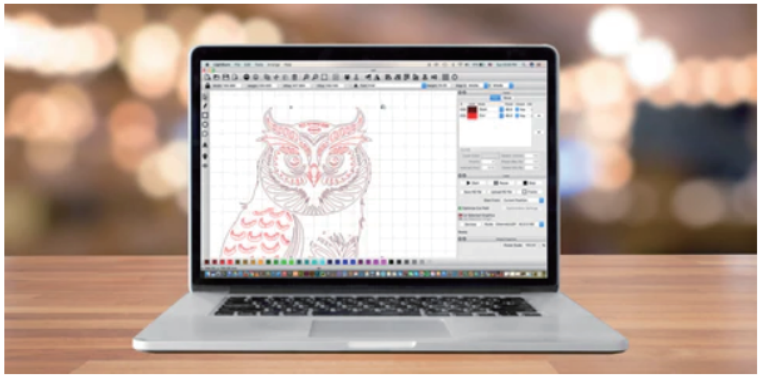
- If you need to control ACMER P2 through LightBurn, download the official release of the LightBurn software. LightBurn is third-party software, and therefore ACMER Co., Ltd. shall bear no responsibility for any loss caused due to the operation of LightBurn .
- The firmware of ACMER P2 has been tested in detail by ACMER Co., Ltd, but incompatibility with the software or hardware may still occur.
- If errors occur due to incompatibility, you can contact our after-sales service for technical support.

Obtain and install LightBurn

- Go to https://lightburnsoftware.com/pages/trial-version-try-before-you-buy to download the latest version of LightBurn, and install it. If you are a new user, you have a 30-day free trial.
- Note: Make sure you use the latest version of LightBurn. The version must be V1.0.0.6 or later.

1 Install LightBurn

Go to https://lightburnsoftware.com/pages/trial-version-try-before-you-buy to download the latest version of LightBurn, and install it. If you are a new user, you have a 30-day free trial.



This is where you download LightBurn. If you're already a customer, click the link below to get the latest version - your existing license will unlock it.

If you're new here, we want to be sure that LightBurn will work for you, so to give you a chance to really use it, we offer a 30 day trial period, with no restrictions. Make some things on us. Have fun - this is the full deal, no watermarks, no limits.

If you decide to buy it, we'll send you a license key that unlocks it permanently, allows installation on up to two machines, and gives you access to free updates for a year. You can read more about the license here and find prices here.

Please note that at this time, the MacOS version of LightBurn is not notarized. You will need to tell Mac OS that you trust the application and wish to run it anyway.

The links below will let you download the different versions of LightBurn V1.1.03:

Windows 64-bit version

Windows 32-bit version

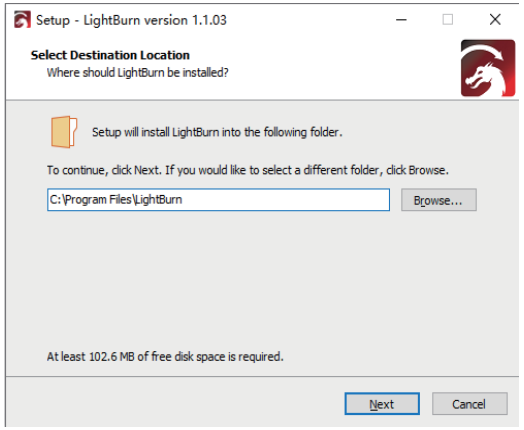
Mac OS version (Installation instructions here)

Linux 64-bit version (.run) (alternate .7z)

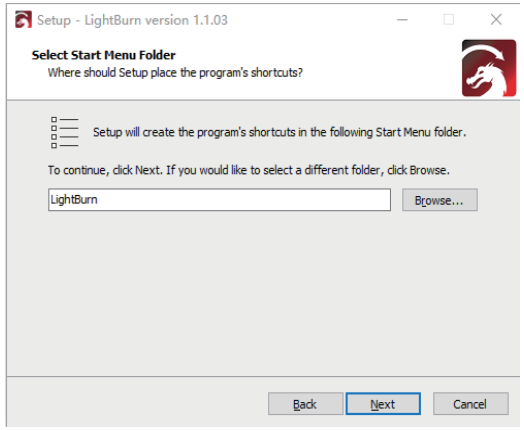
Tip: Download the appropriate version for your computer configuration.

1 Install LightBurn

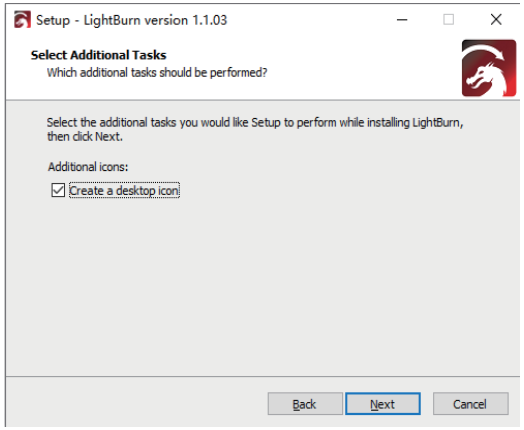
LightBurn-v1.1.03.exe 1. Install LightBurn software.



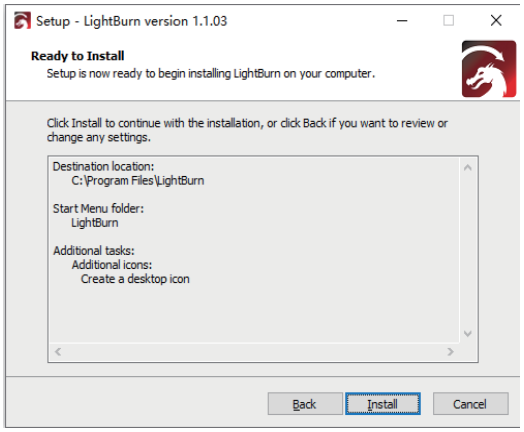
2. Choose the installation path,Default path （C:\Program Files\LightBurn）. Choose “Next” to continue



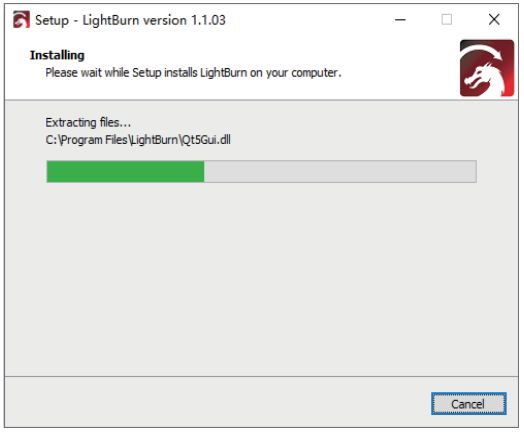
3. Create the LightBurn folder. Choose “Next” to continue.



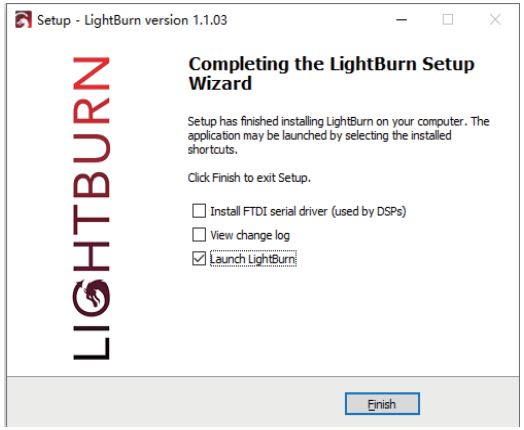
4. Create a desktop icon. Choose “Next” to continue.



5. Choose “Next” to continue.



6. Waiting for the download to complete



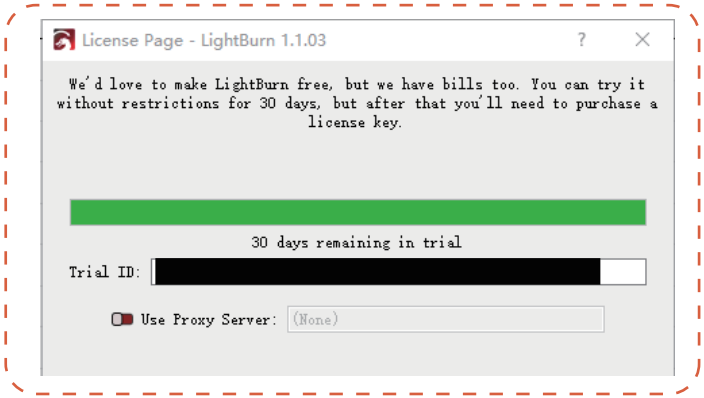
7. The installation is complete

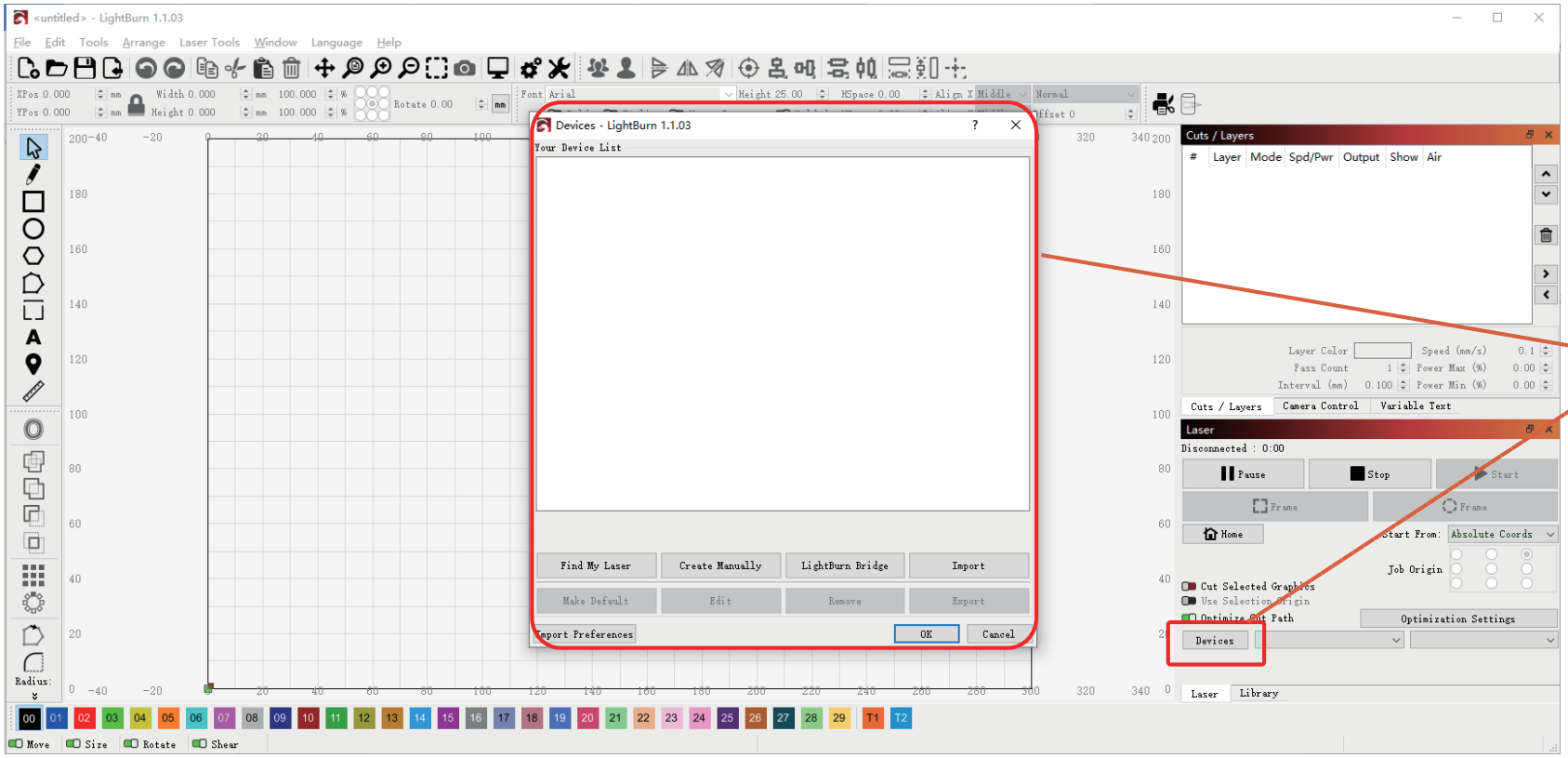
2 Open The LightBurn

1. Open the LightBurn

LightBurn

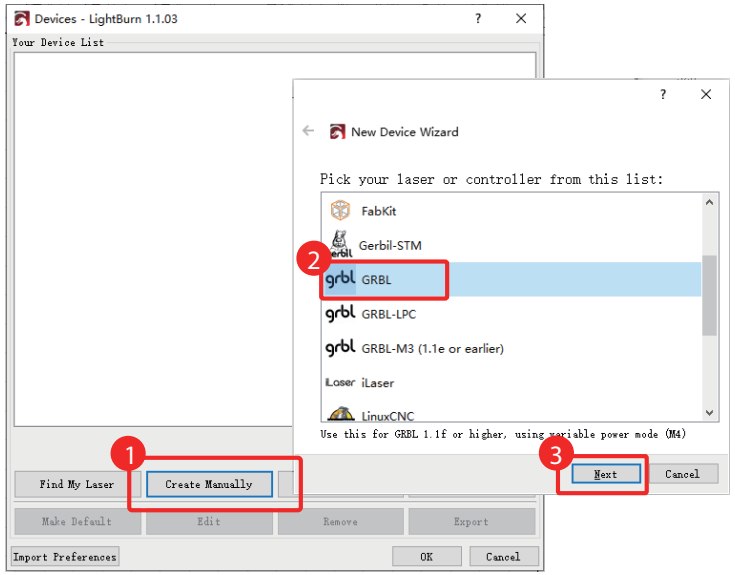
Tip: If you are a new user, you have a 30-day free trial.



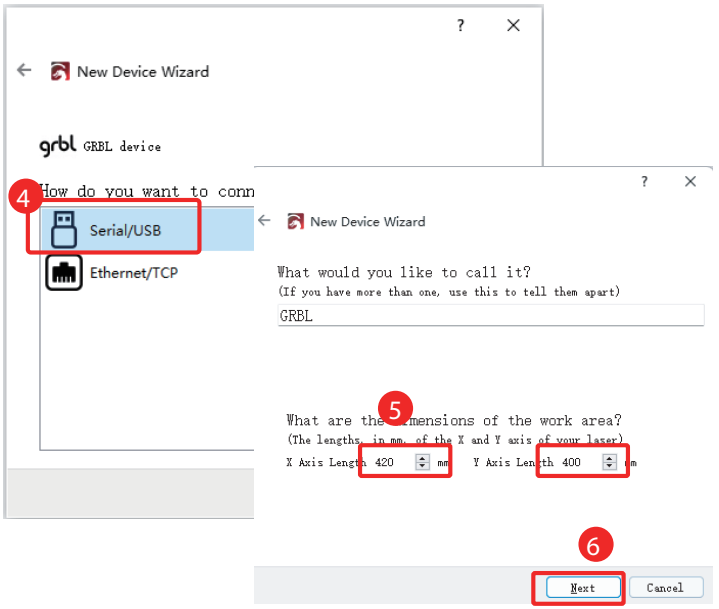


2. When you first open Lightburn, you need to set up your device or click on "Devices" in the bottom right corner of the software screen.

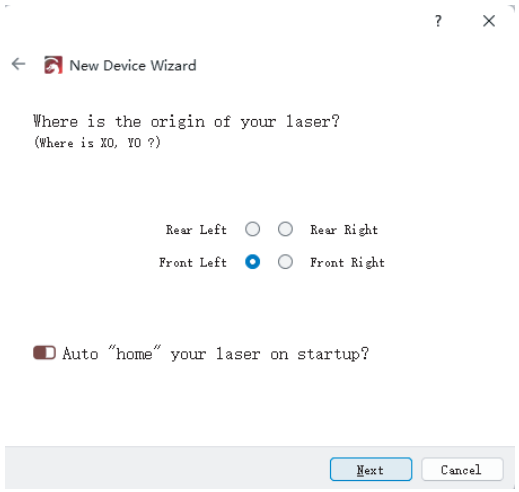
3 Manual Creation Devices



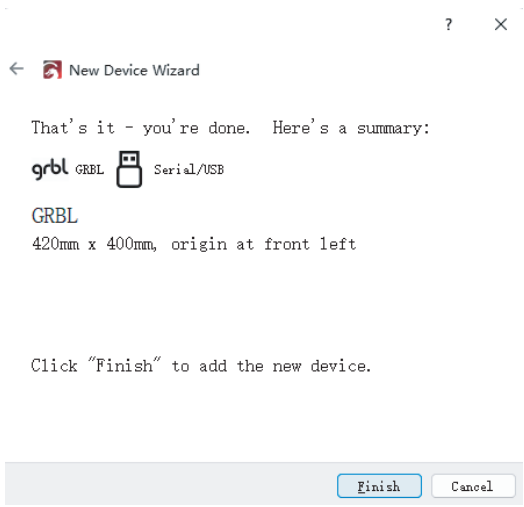
1. Click to open "Create Manually" and select "GRBL"



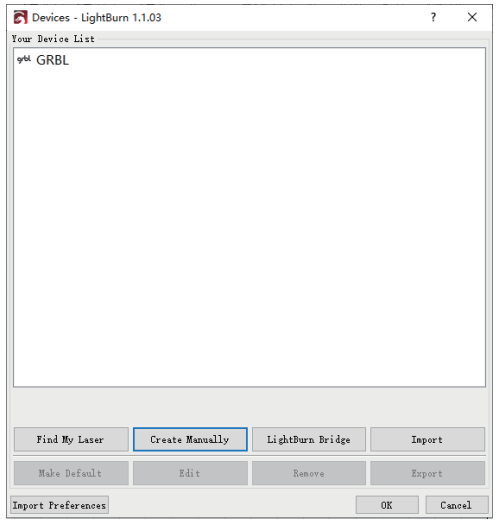
2. Click on "Serial/USB" and Next, enter the length 420 for X-axis/400 for Y-axis and click on Next



3. Set the machine's starting point to "Front Left". Then uncheck the "Auto Home" box and click Next.



5. Confirm the set parameters again and click Finish

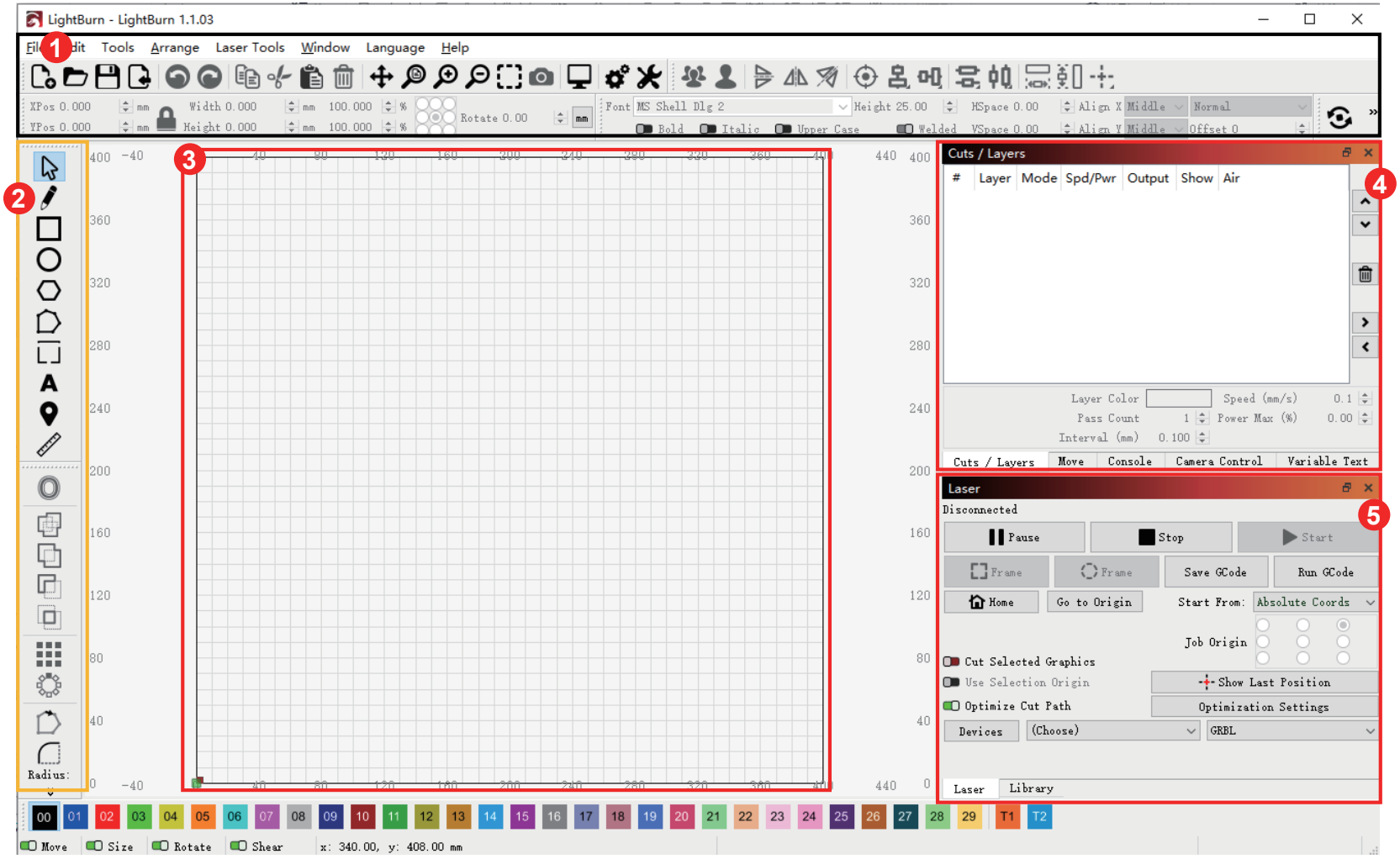


6. Now that you have finished setting the parameters, click OK

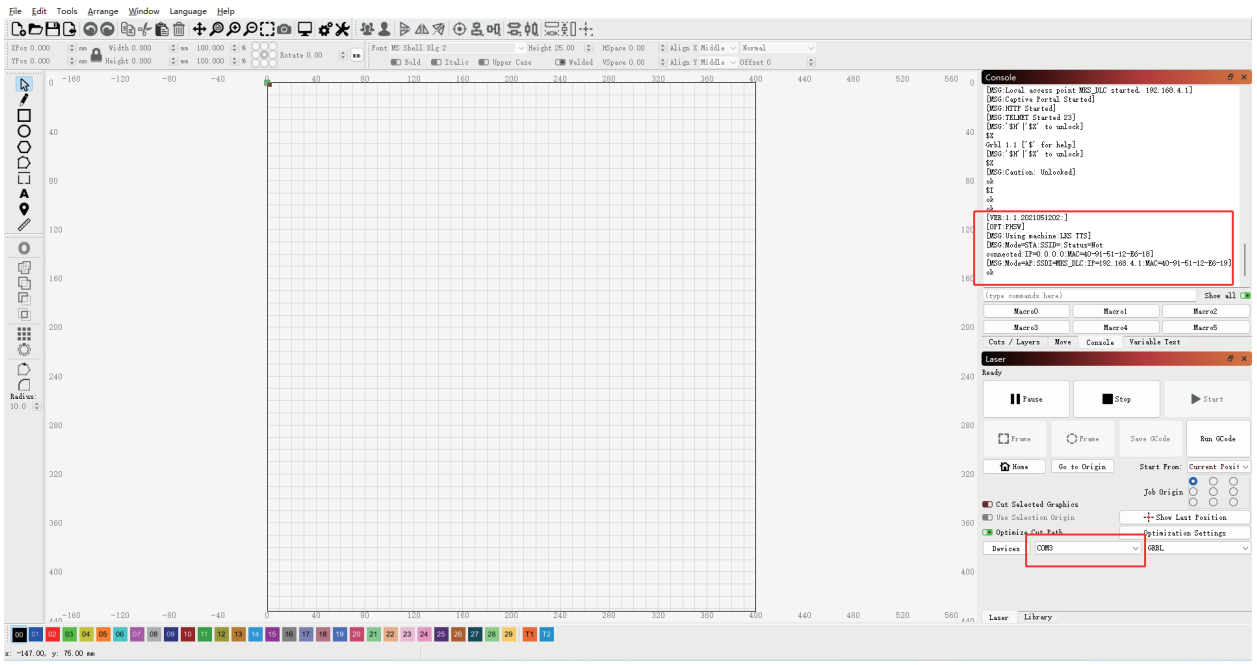
4 USB Online

1. LightBrun Interface Introduction

1. Function bar: Save, export, language switch, etc.
2. Drawing toolbar: Custom engraving, cut shapes.
3. Image display area: shows the images you have imported, the graphics you have drawn.
4. Machine status bar: Shows the immediate status of the machine when you connect it.
5. Online operation bar: When you have finished connecting your machine, you can control, set up and move your machine.



4 USB Online



1. Connecting the computer to the machine with a USB cable.

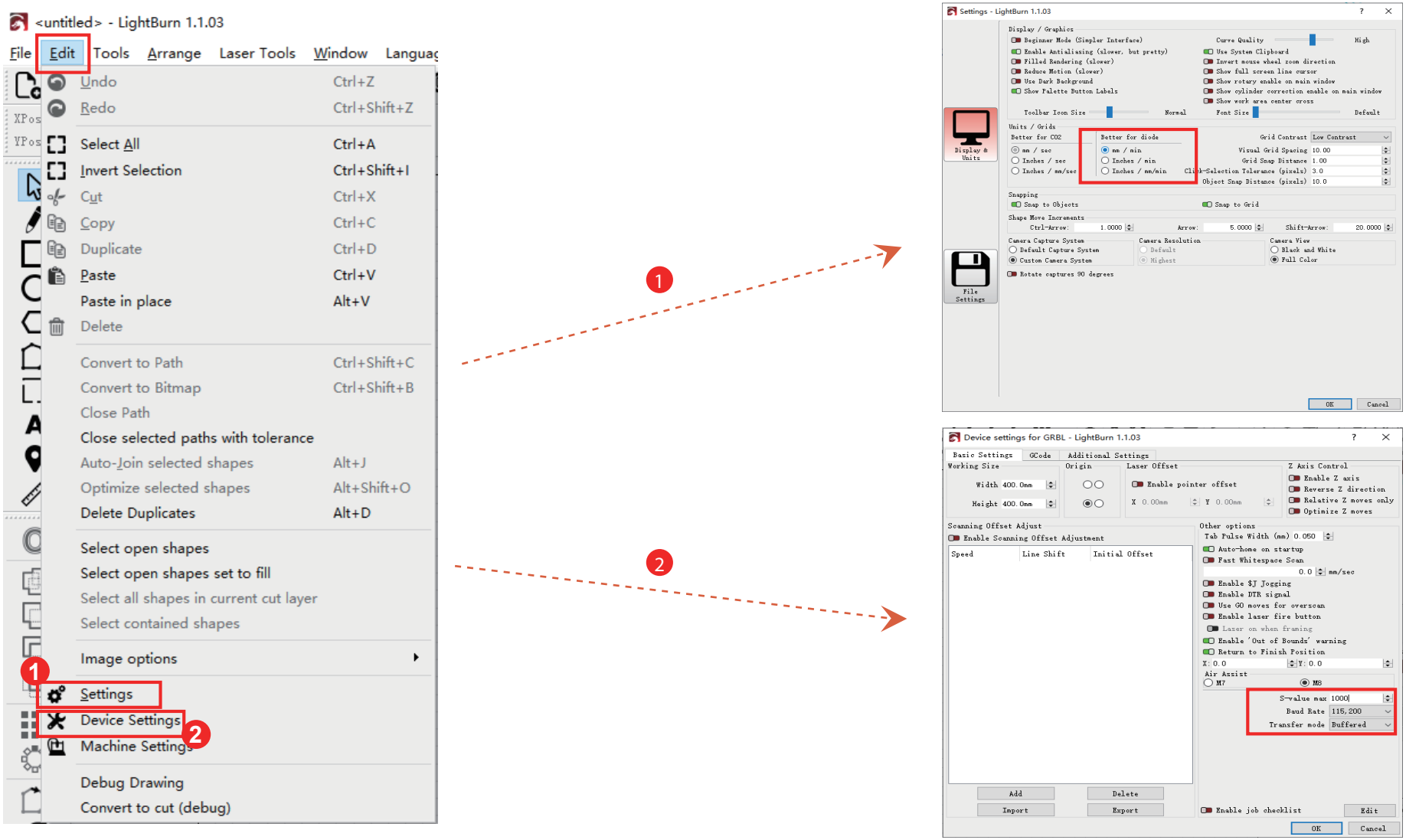
2. Click on the Select Serial Port button and watch the console feedback for the connection information.

3. The machine is successfully connected when the status bar shows "OK" connection.

Tip: When there is a failure to connect .
Solutions:
1: Confirm whether the driver (CH340) has been installed,and reinstall the driver;
2: Confirm whether the baud rate in the setting parameter is 115200;
3: Remove the setting parameters in the device list and reset the connection parameters;
4: Check whether the serial port is damaged.

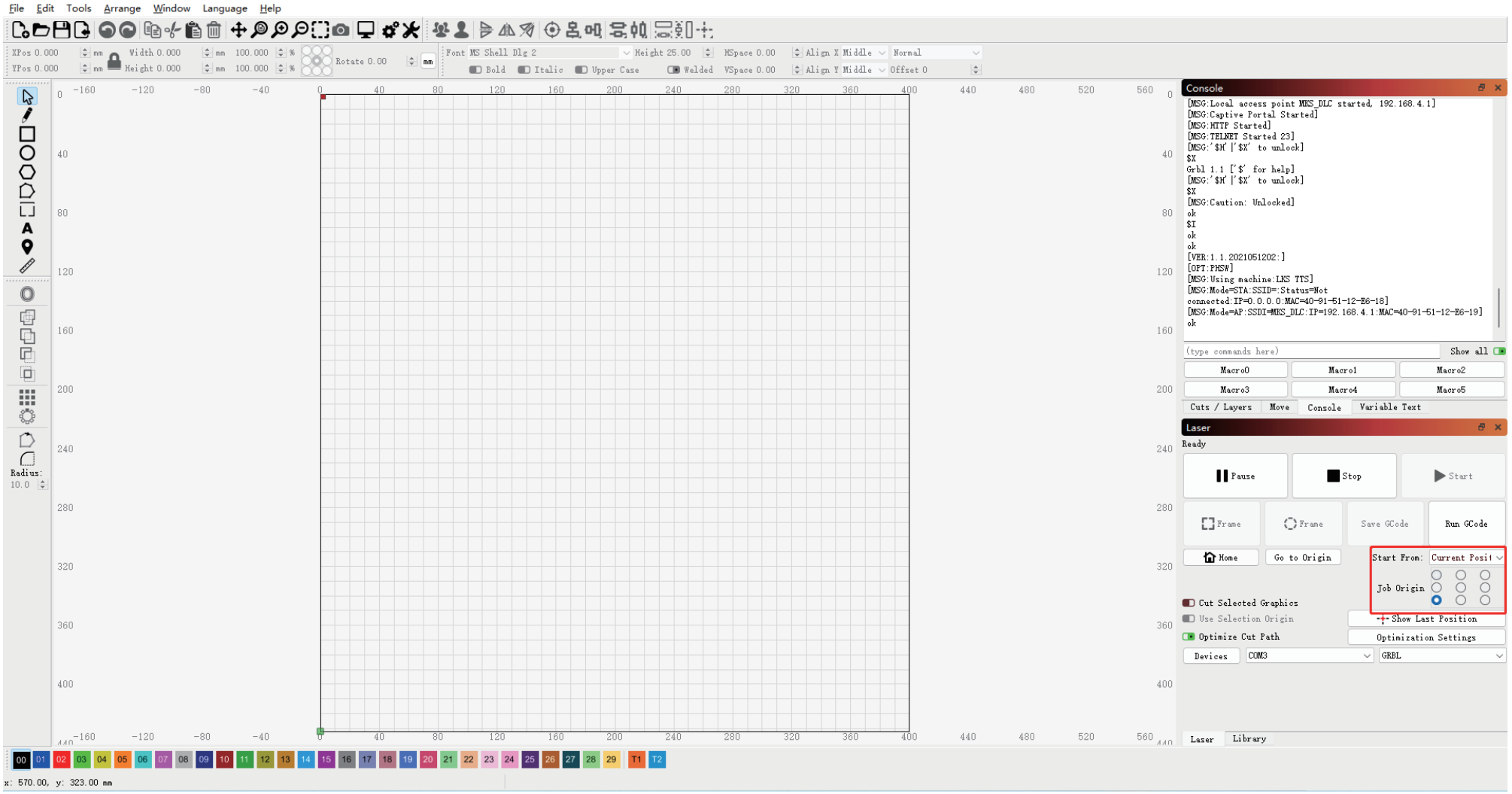
5 Confirmation Before Use

1. Select the unit to be used: Edit → Setting → Chooes mm/min
2. Select the total percentage of power you use (this value is selected by default 1000): Edit → Setting → 1000



6 USB Online Debugging

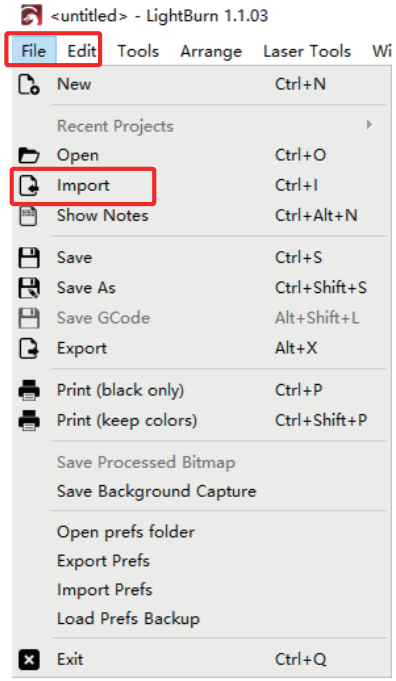
Plug in the USB cable， Select “Current Position → Front Left ”



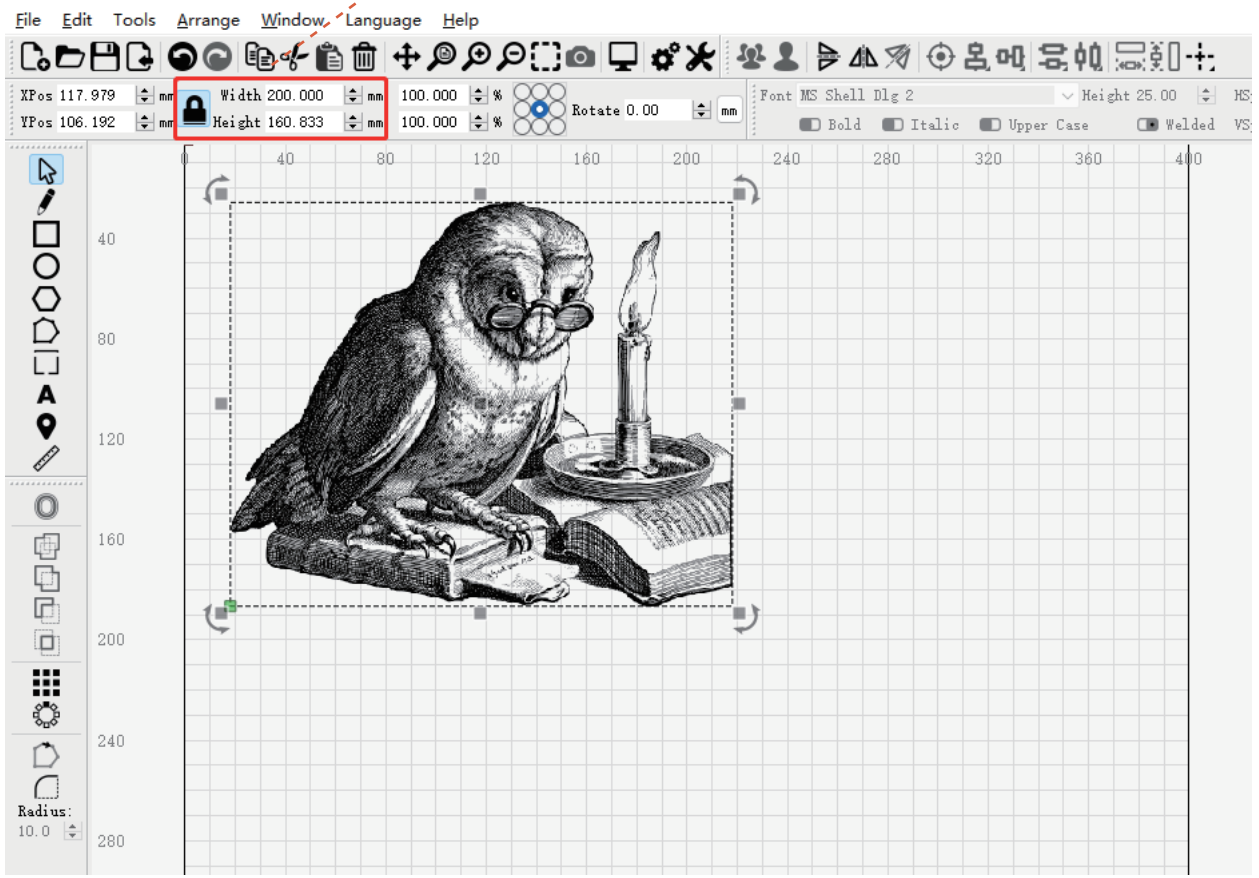
6 Importing Images

Choose to import the image, click on the image and edit the engraving size you need

Tip: Please make sure that the size of the project engraved or cut graphics does not exceed the engraving range of the machine.



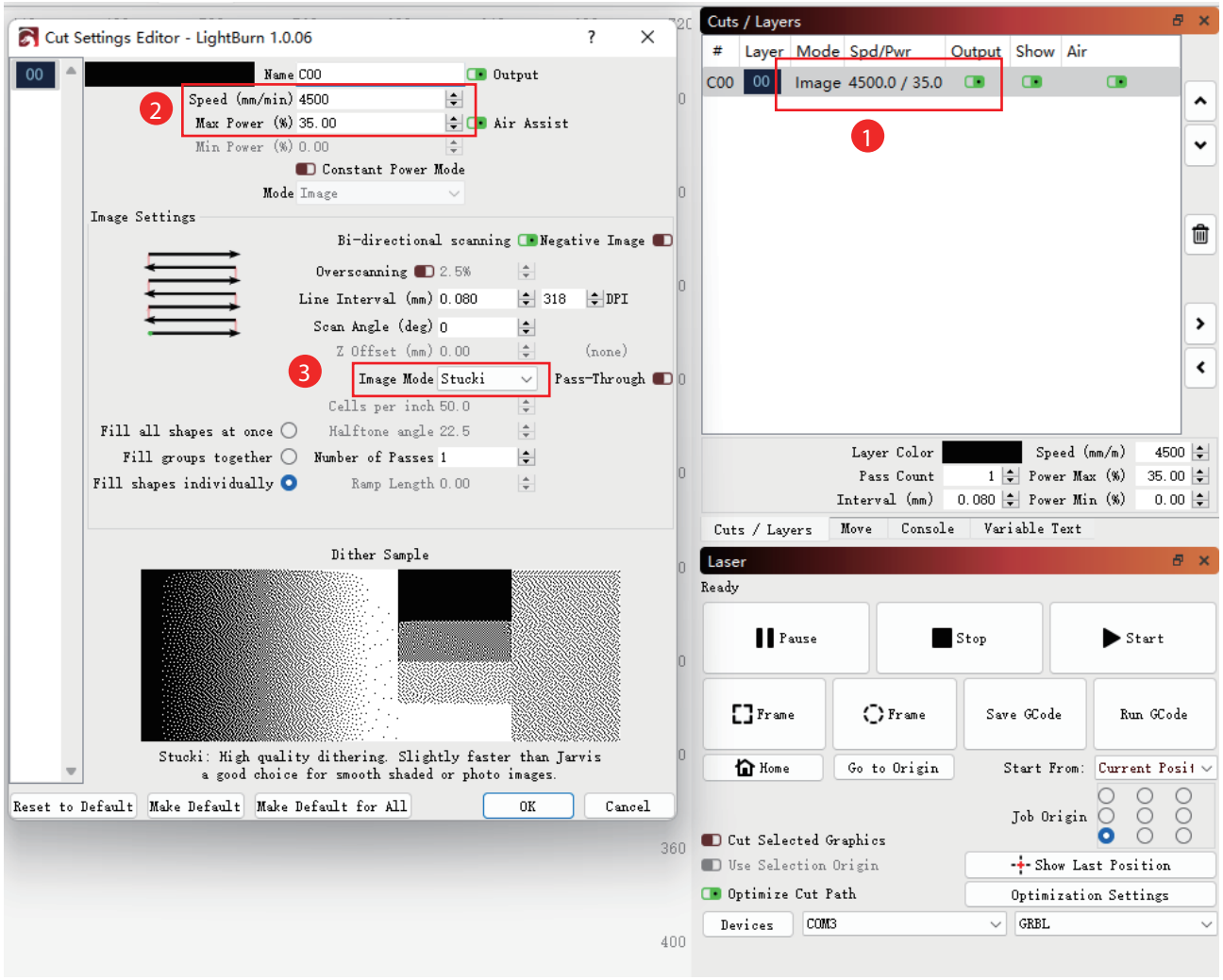
1. File → Import →Picture



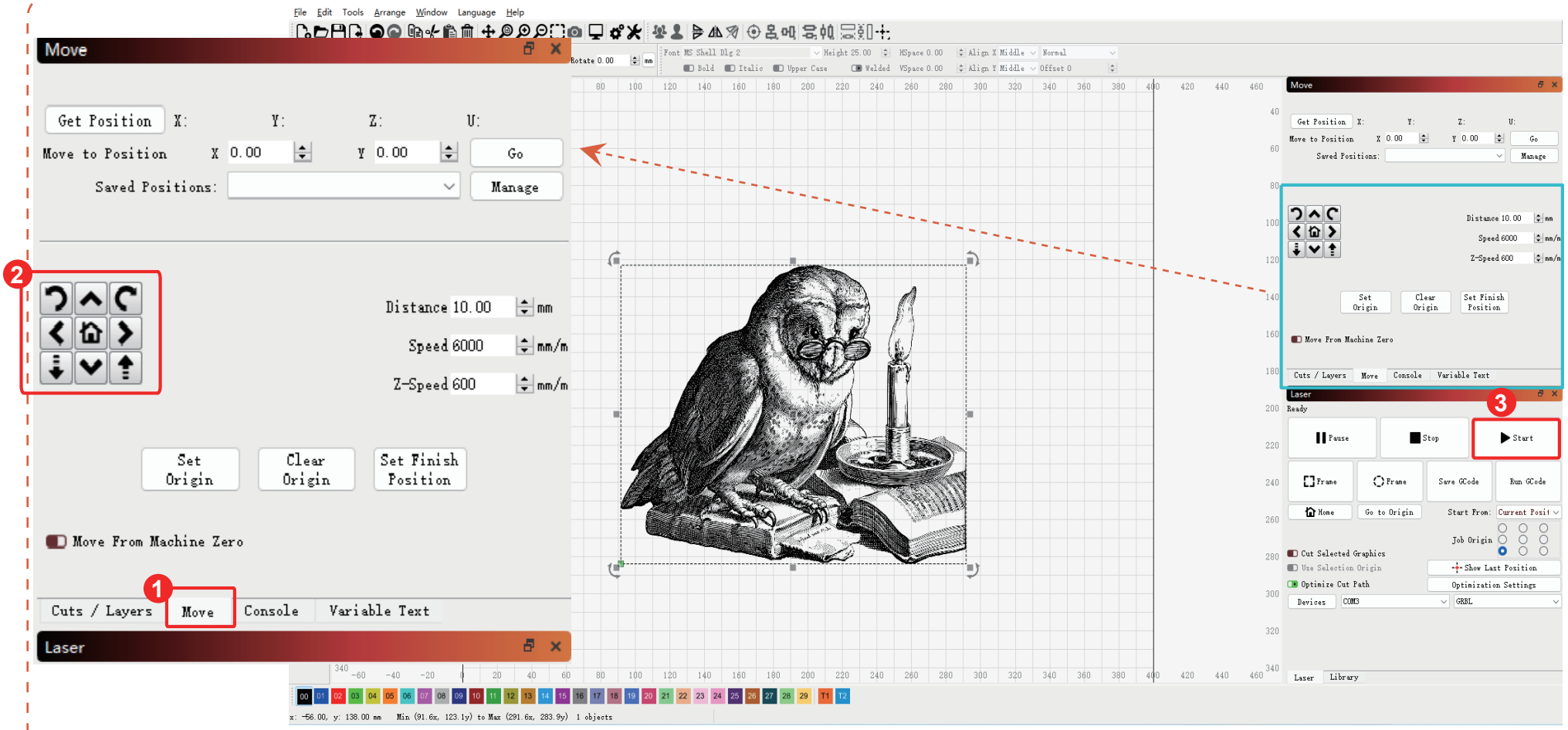
2. Setting the image size.

7 Importing Images

1. Double-click on the C00 window to enter the cut Settings Editor.
2. Set the default parameters according to those provided.
3. Select working mode.



8 Set The Starting Point And Running The Device



1. Click “Move”.
2. Use the directional movement keys to move the laser head to the starting point.
3. Click Start.