



Quick start

For GM Pro

For helpful hints and instructional videos, visit our Help Center or join our official laser group! If you encounter any issues with your engraver, please feel free to contact us. Our support team will respond ASAP to resolve your concerns.

Official Website: monportlaser.com

Technical Support: support@monportlaser.com

Support Tel:

+1(332)-269-8209 Time: 09:00-18:00 PST

(+1) 917 673 8904 Time: 18:00-02:00 PST

Read Carefully Before Use

Keep for Future Reference

1. Preparation

1.1 Unpacking

Open the packaging and take out the machine and accessories. Check if everything is complete.

Package List	Qty	Notes
GM Pro Fiber Laser Engraver	1	
USB Cable	1	(2 meters)
Power Cord	1	(1.5 meters)
USB Flash Drive	1	USB Flash Drive
Quick Start	1	Quick Start
Goggles	1	
Wrench Set	1	
Ruler	1	40cm
Foot Switch	1	
Positioning Bars	2	
Screws M6*12	4	
Screws M6*10	4	
Screws M5*16	4	
Usb to TypeC Adapter	1	
Test Aluminum Sheets	10	

1.2 Installation

The installation is quite easy. You just need to connect 1 motor cable and screw in 8 screws. Place the machine in a suitable location, such as a sturdy desktop or floor.

There are mainly 4 steps to get started:

- ① Connect the terminals of the mainframe box and vertical arm.
- ② Install the vertical arm: Screw in 4 screws.
- ③ Install the optical path section: Screw in 4 screws.
- ④ Plug in and turn on the Main Power Switch on the back of the machine, and turn on the Laser Switch on the front of the machine, then the machine will be powered on.

1.3 Instructions for Autofocus

The **Autofocus function** is quite easy. There are mainly 2 steps to get started:

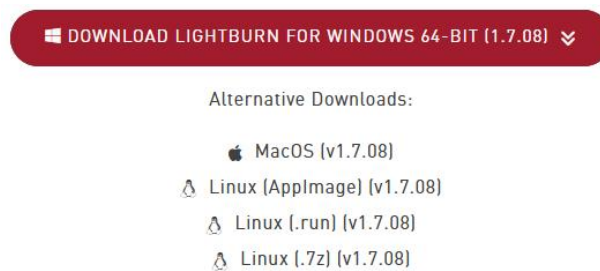
- ① After turning on, place the material under the red light of the autofocus.
- ② Press the autofocus button on the front of the machine and wait for a few seconds to automatically complete the focus process.

Note: You can also control the height through the up and down buttons for fine-tuning or defocus processing.

2. First time using LightBurn to connect to GM Pro

2.1 Download LightBurn

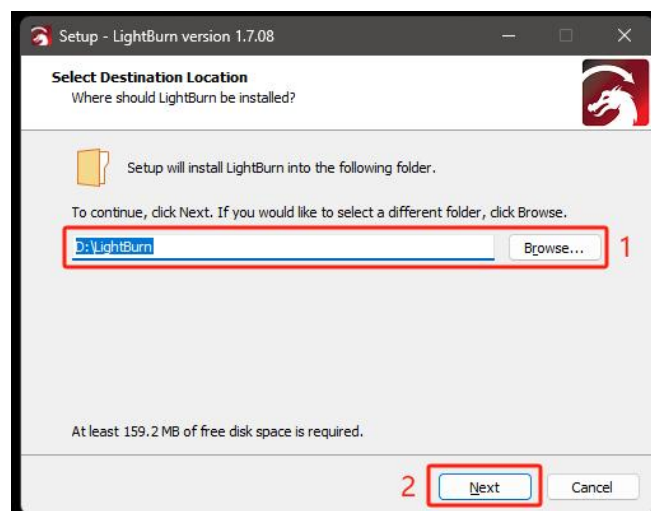
To download LightBurn, please log in to the LightBurn official website to download the latest version, Download link: <https://lightburnsoftware.com/pages/download-trial>.



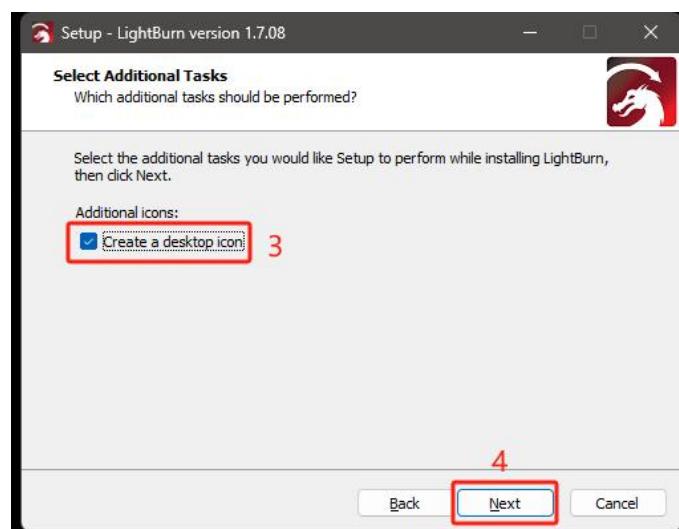
If you are using Lightburn for the first time, you will have a 30 day free trial opportunity. If you want to continue using LightBurn, please purchase the LightBurn Pro Version.

2.2 Install Lightburn

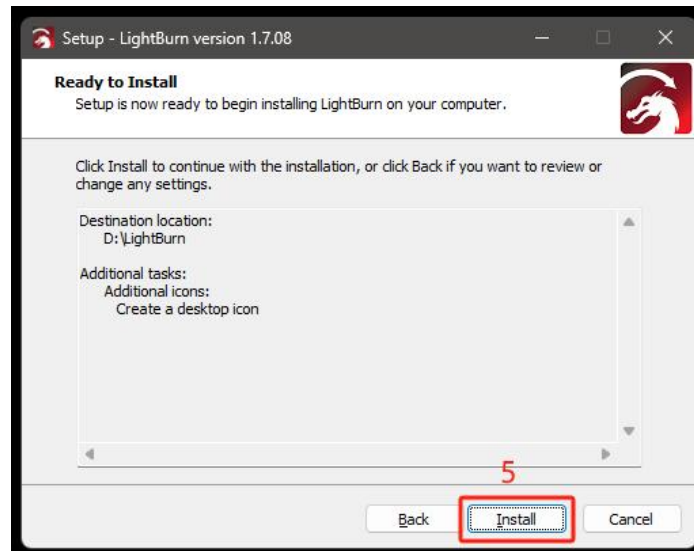
Open the LightBurn software installation program, select the installation path of the software, the default path is generally enough, and click “Next” after selecting.



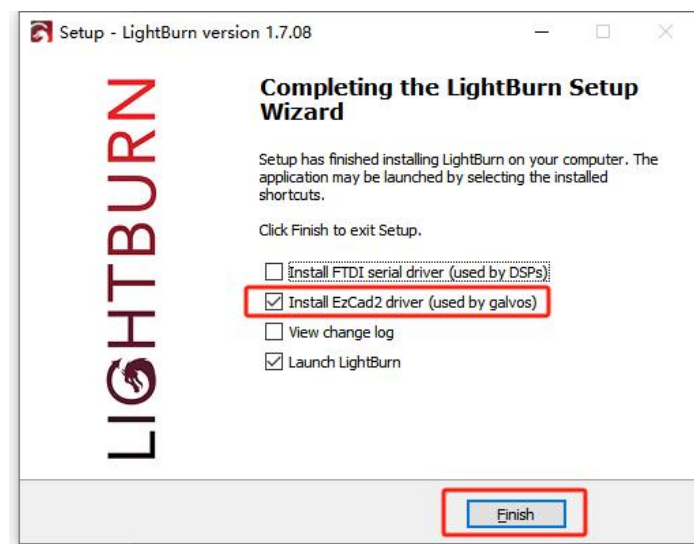
Choose whether to create a desktop shortcut, check “Create a desktop icon” , and click “Next” to proceed to the next step.



Confirm the installation information, click “Install” to install.



This interface is displayed, indicating that the software has been successfully installed, just click “Install Ezcad2 driver (used by galvos)” and click “Finish” to end the installation.



Pop up a window that prompts you to install the driver.

Please follow the prompts to complete the driver installation, otherwise you will not be able to use it.



Note:

1. During the software installation process, there may be a pop-up window that prompts you to install the driver or the runtime library. Just follow the instructions to install it. This is due to the lack of the software operating environment on the computer.
2. If the computer cannot open the installation program, or the upgrade error occurs, it may be that the software is not compatible with the computer device or the software version does not match the computer system. You can go to the software official website to download other versions of the installation program that match the computer device.

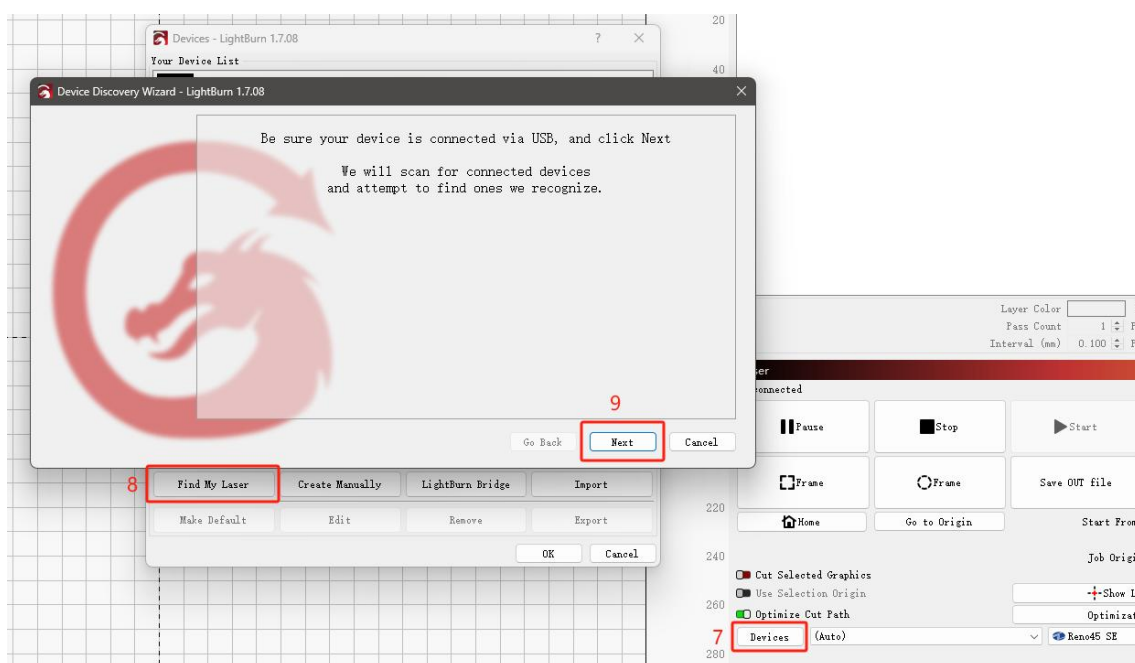
2.3 Connect GM Pro with LightBurn

Power on your GM Pro and connect the data cable.

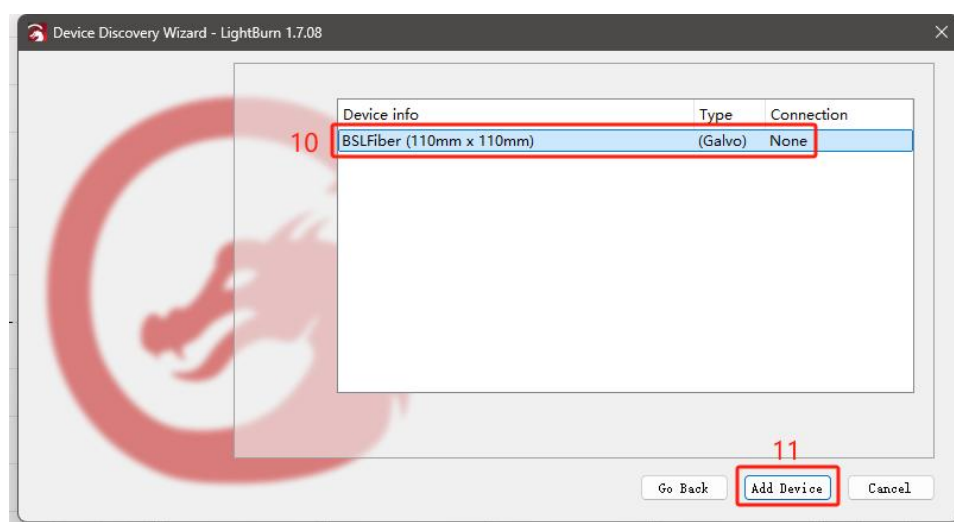
After opening the software, a 30-day trial pop-up window will pop up, click “OK” to go to the next step.

A pop-up window for software instructions appears, click “OK” to proceed to the next step.

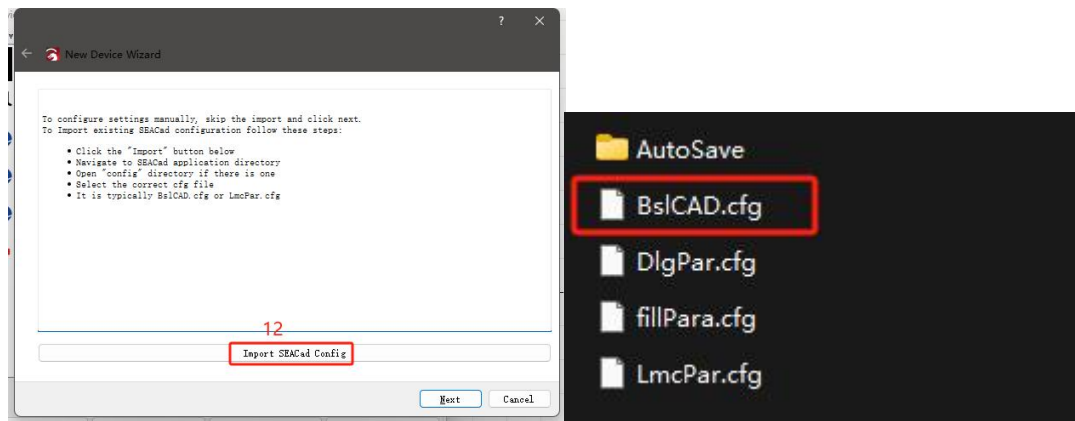
The interface for selecting a device pops up, click “Find My Laser” and “Next” to add our device.



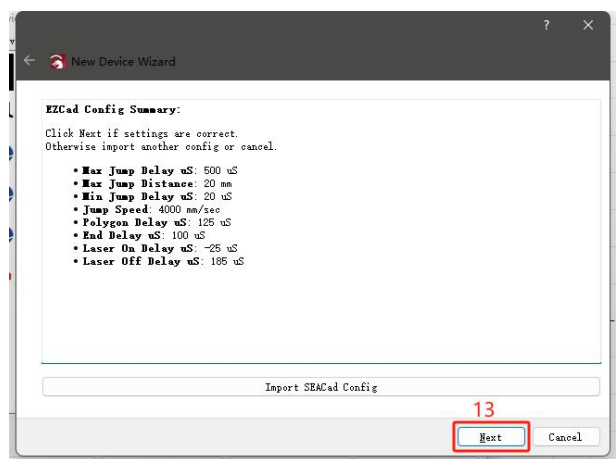
You can see our engraving machine equipment in the device list, select our engraving machine equipment, click “Add Device” to add our equipment.



Click “Import SEACad Config” , and then import the BslCAD.cfg file from the USB drive, located at SLAppSimple5.2.6.8700 \ config.



Click “Next” .



Set the engraving machine information, you can set a name for the device, you can set the engraving machine's stroke according to the operating area of your engraving machine.Click “Next” to proceed to the next step.

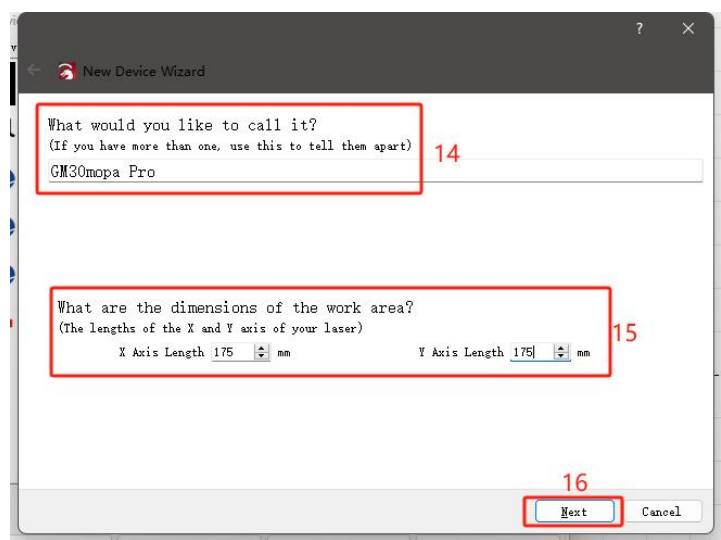
GM20 Pro : 110*110mm

GM30 Pro : 150*150mm

GM30 Pro : 150*150mm

GM30mopa Pro : 175*175mm

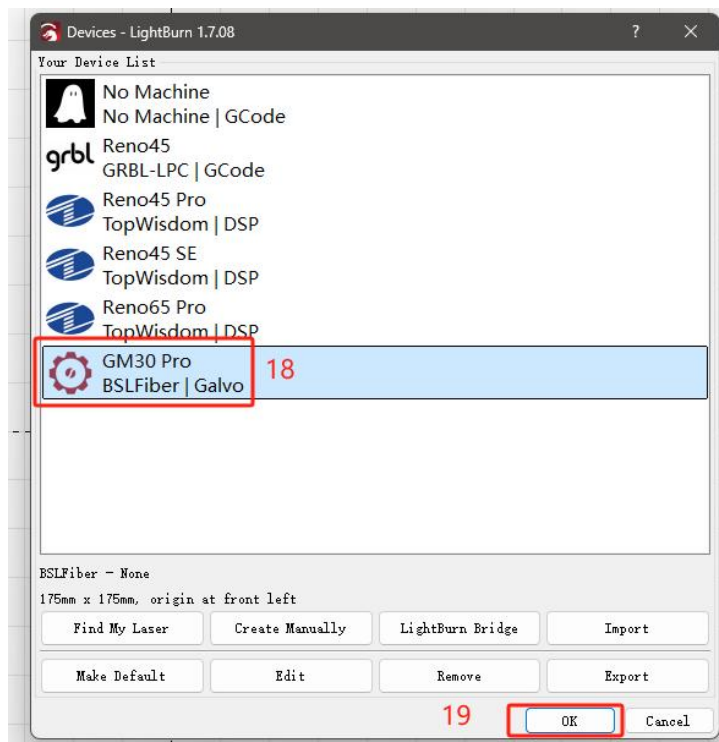
GM60mopa Pro : 175*175mm



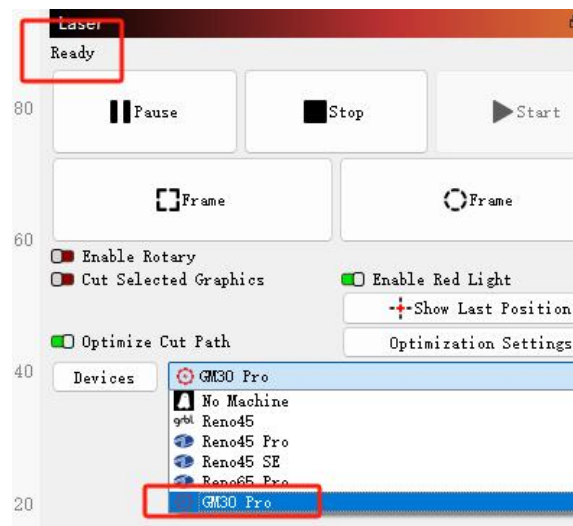
The device is added successfully, click “Finish” to end.



Select our engraving machine equipment, click “OK” , you can successfully enter the software.



Displaying “Ready” indicates successful connection, and you can now start creating.

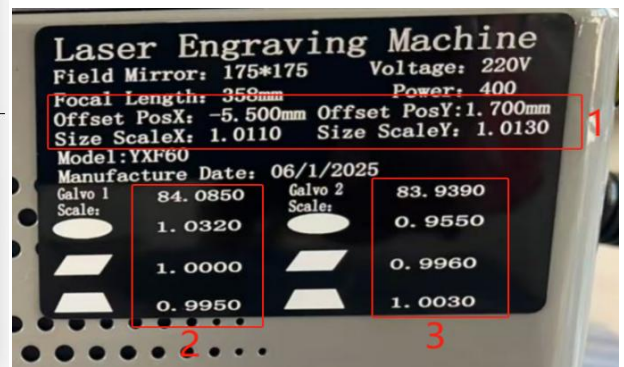
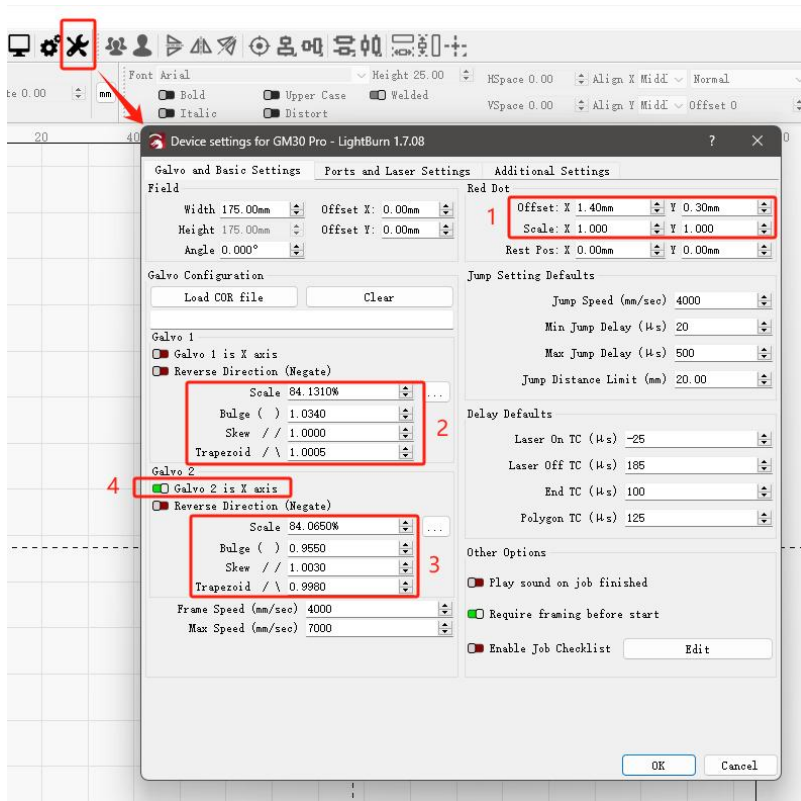


2.4 Parameter Settings

Click the set icon.

Galvo and Basic Settings:

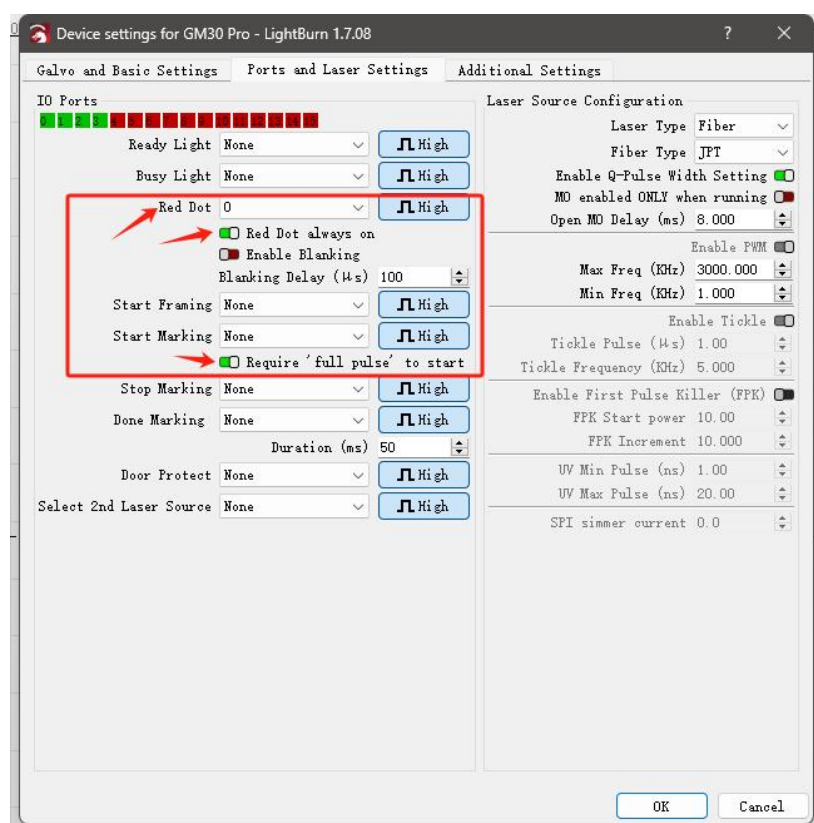
Modify the device parameters according to your device nameplate and choose Galvo 2 is X axis.



Ports and Laser Settings:

IO Ports:

Modify as shown in the following figure.



Laser Source Configuration:

Laser Type: Fiber

Fiber Type:

RAYCUS (GM20 Pro, GM30 Pro, GM50 Pro)

JPT (GM30mopa Pro, GM60mopa Pro)

Enable Q-Pulse Width Setting:

Do not check (GM20 Pro, GM30 Pro, GM50 Pro),

Check (GM30mopa Pro, GM60mopa Pro)

Click "OK".Setting completed.

Note: If you need software tutorial

Official website video tutorial:

<https://lightburnsoftware.com/pages/tutorials>

Download the documentation version of the tutorial:

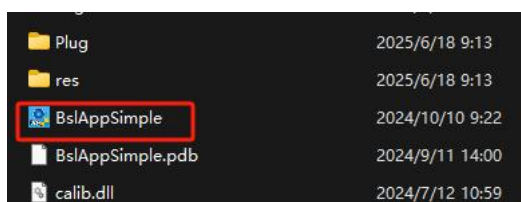
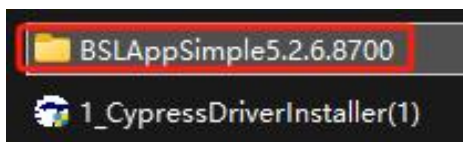
<https://docs.lightburnsoftware.com/latest/>

3. First time using BSLAppSimple to connect to GM Pro

- ① Power on your GM Pro and connect the data cable.
- ② Install the driver program on the USB drive according to the prompts.



- ③ Open the software. The software will automatically connect and you can start processing directly.



Note:

1. We also offer more intuitive and concise video tutorials, please contact monport technical support if needed.

For any questions regarding the use of GM Pro, please feel free to contact Monport technical support at any time. We will do our best to provide customers with the most professional technical support.

Technical Support: support@monportlaser.com