Software s Engraving and Cutting with LaserGRBL Software User Guide

SOFTWARE
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Engraving and Cutting with LaserGRBL Software User Guide

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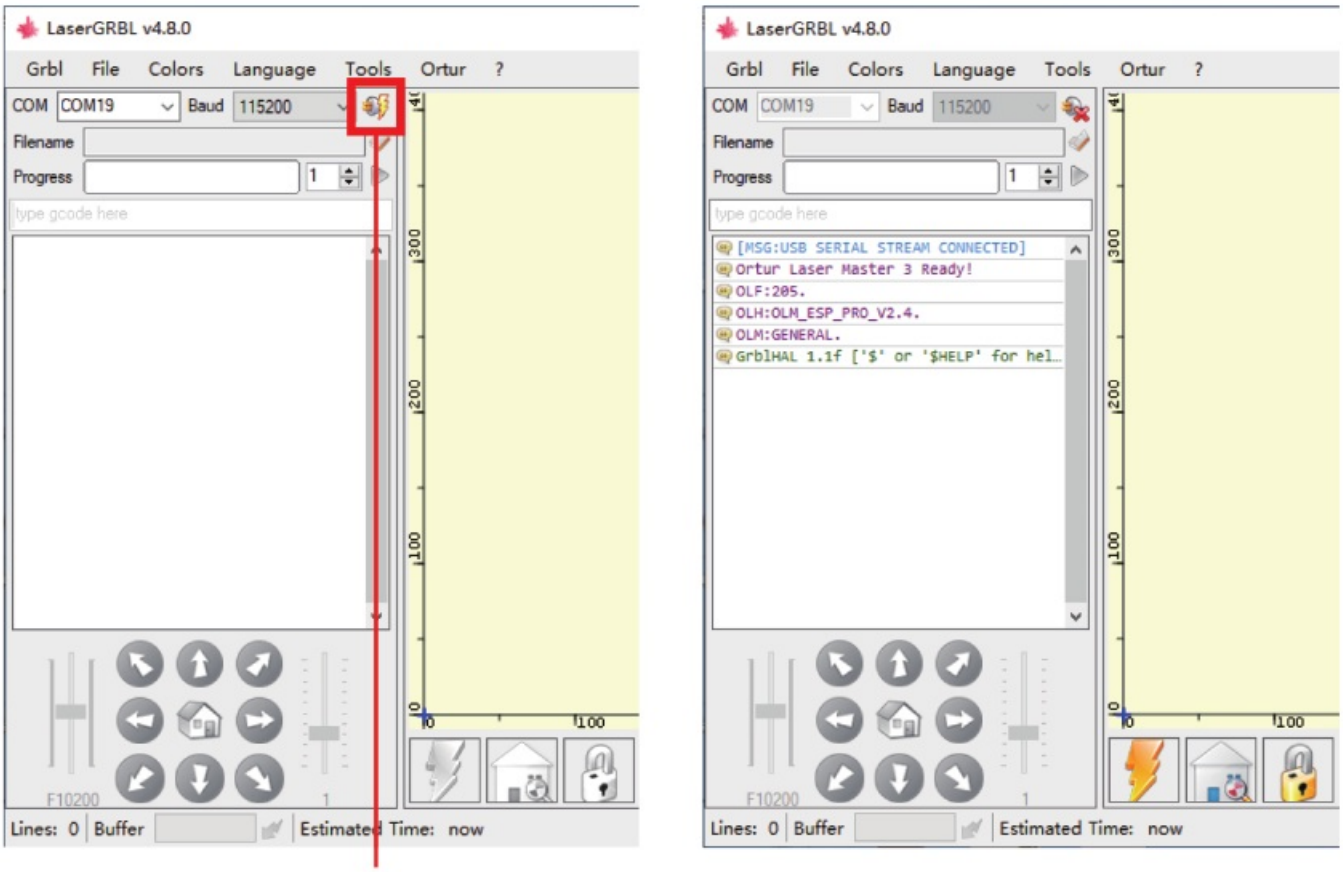
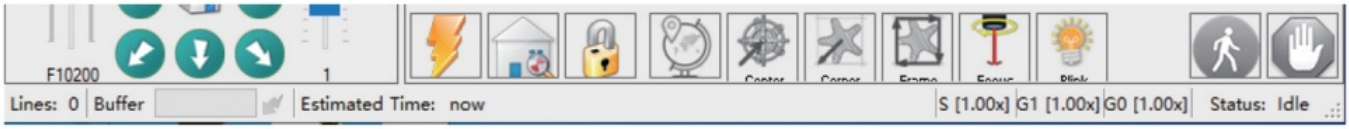
Connect the machine



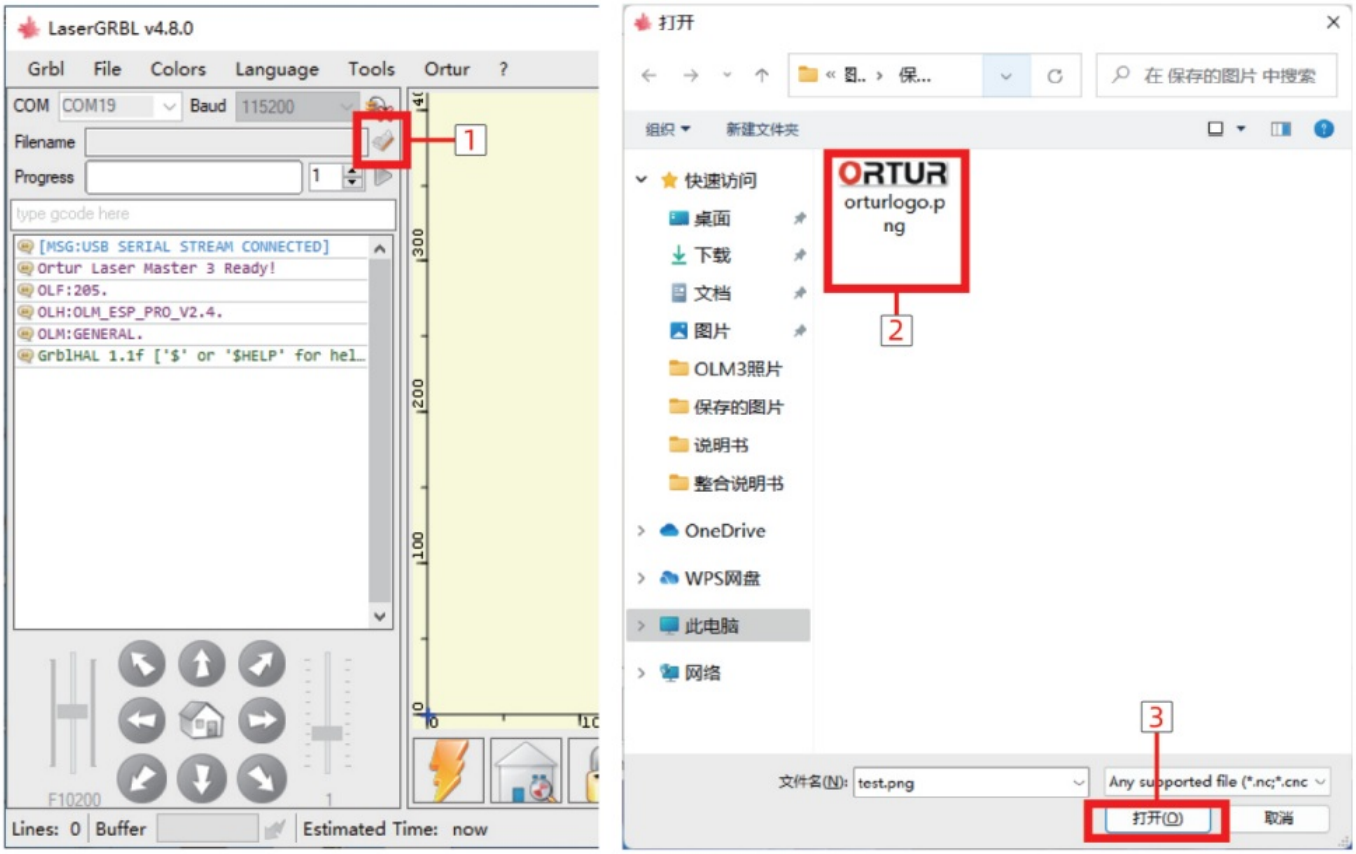
Click the button in the red box to connect the software to the machine.

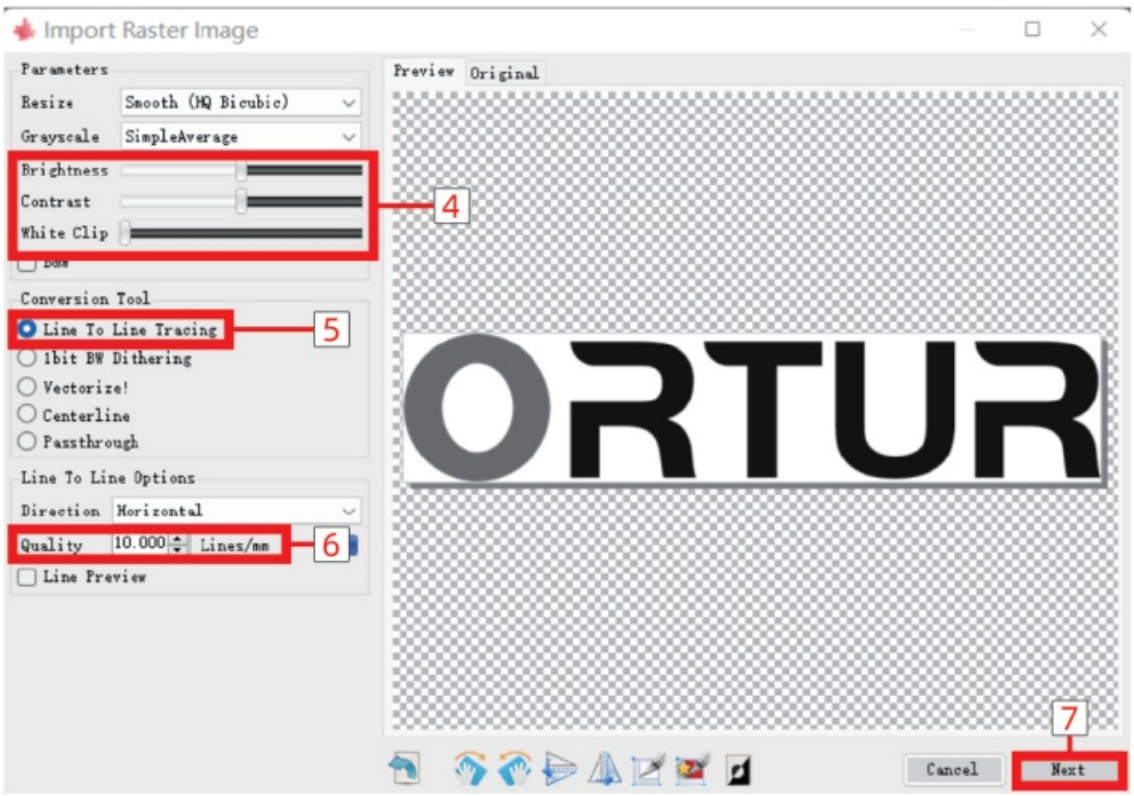
Unlok Buttons

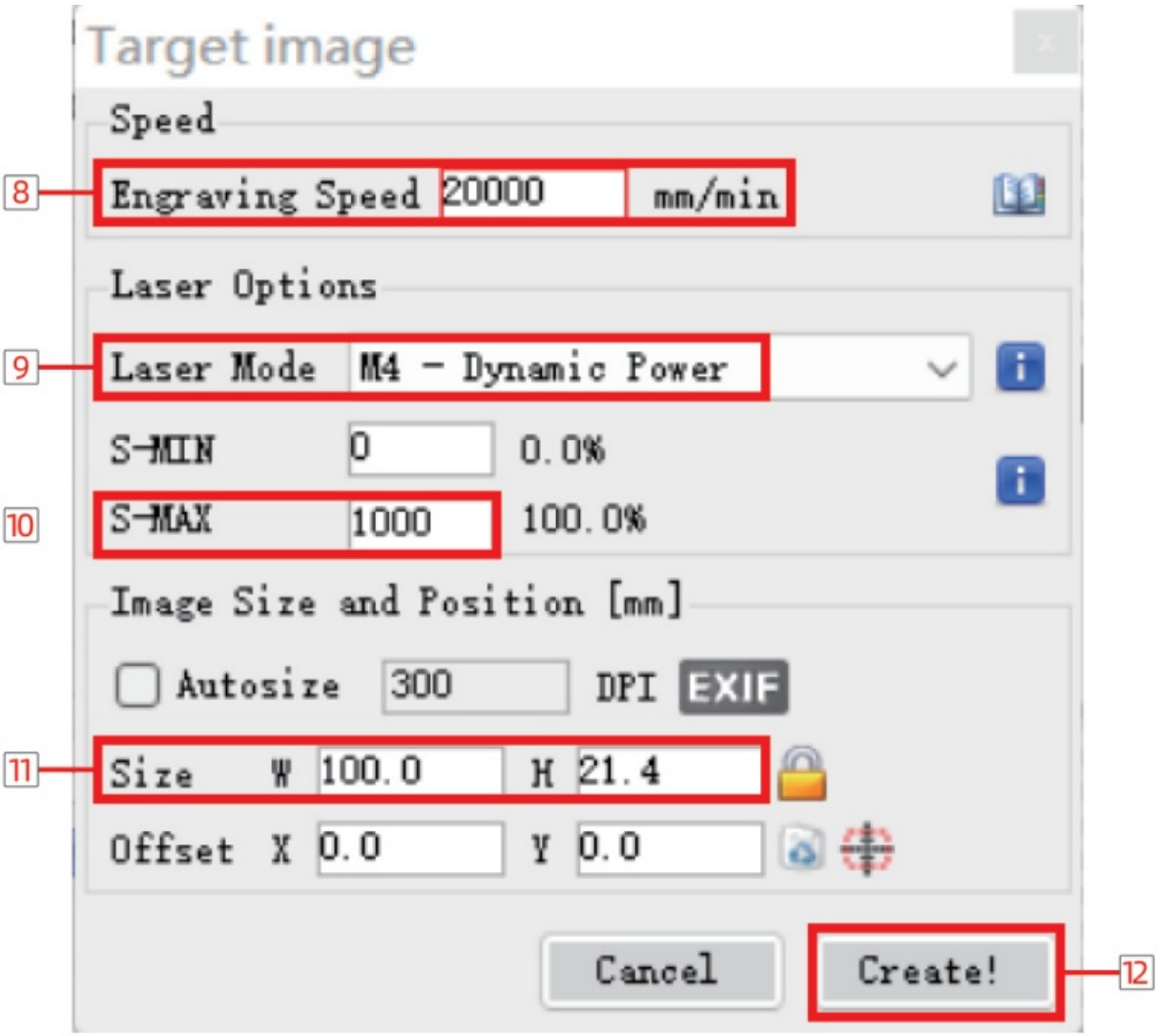
Click the button in the red box to unlock the grey buttons.



Engraving

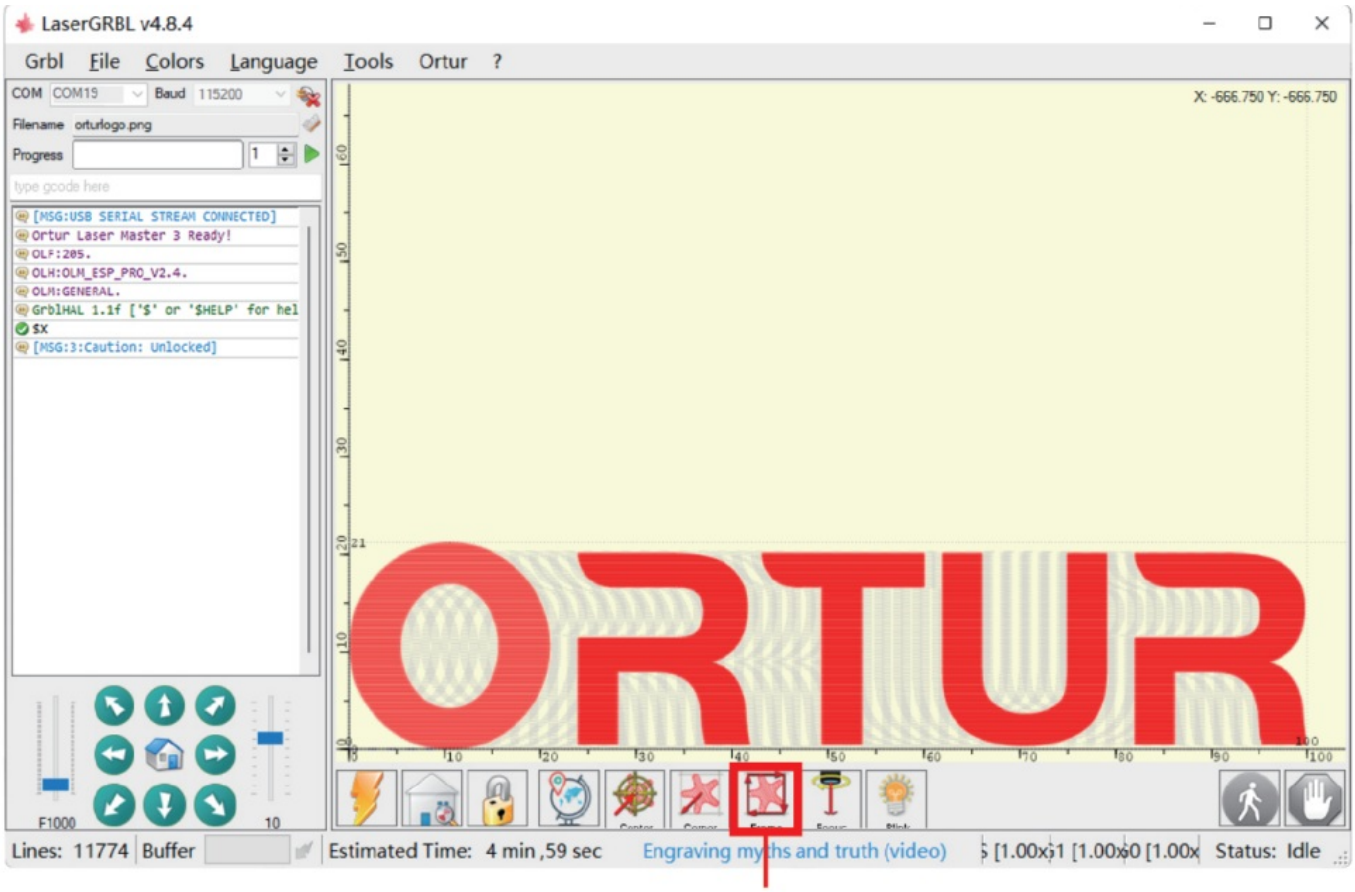

LaserGRBL v4.8.0
Grbl File Colors Language Tools Ortur ?
COM COM19 Baud 115200
Filename
Progress
type gcode here
[MSG:USB SERIAL STREAM CONNECTED]
Ortur Laser Master 3 Ready!
OLF:205.
OLH:OLM_ESP_PRO_V2.4.
OLM:GENERAL.
GrblHAL 1.1f ['$' or '$HELP' for hel...
Lines: 0 Buffer Estimated Time: now
1
打开
在 保存的图片 中搜索
组织 新建文件夹
快速访问
桌面
下载
文档
图片
OLM3照片
保存的图片
说明书
整合说明书
OneDrive
WPS网盘
此电脑
网络
ORTUR
orturlogo.png
2
3
文件名(N): test.png
Any supported file (*.nc;*.cnc
打开(O)
取消


Import Raster Image
Parameters
Resize Smooth (HQ Bicubic)
Grayscale SimpleAverage
Brightness
Contrast
White Clip
4
Conversion Tool
Line To Line Tracing
1bit BW Dithering
Vectorize!
Centerline
Passthrough
5
Line To Line Options
Direction Horizontal
Quality 10.000 Lines/mm
6
Line Preview
Preview Original
ORTUR
7
Cancel
Next

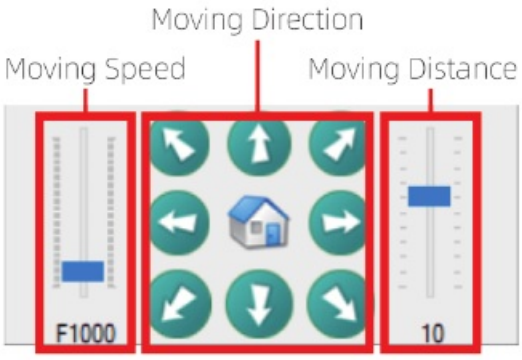


1. Click the “Import” button
2. Select the engraving image
3. Click “Open”
4. Brightness, contrast, black and white limit adjustment
5. Select “Line to Line Trace”
6. The quality is modified to 10Lines/mm
7. Click “Next”
8. The Engraving Speed is modified to 20000mm/min
9. Select “M4-Dynamic Power” for laser mode
10. 5-MAX 1000
11. The size can be modified according to your needs
12. Click “Create”

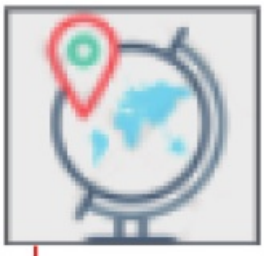
Note: The engraving parameters are only for learning and reference, and the actual use will be affected by factors such as materials and engraving images!



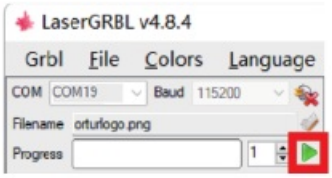
Click the button in the red box to view the engraving range, and then adjust the position according to the engraving range.



Use the moving direction buttons to adjust the engraving starting point.

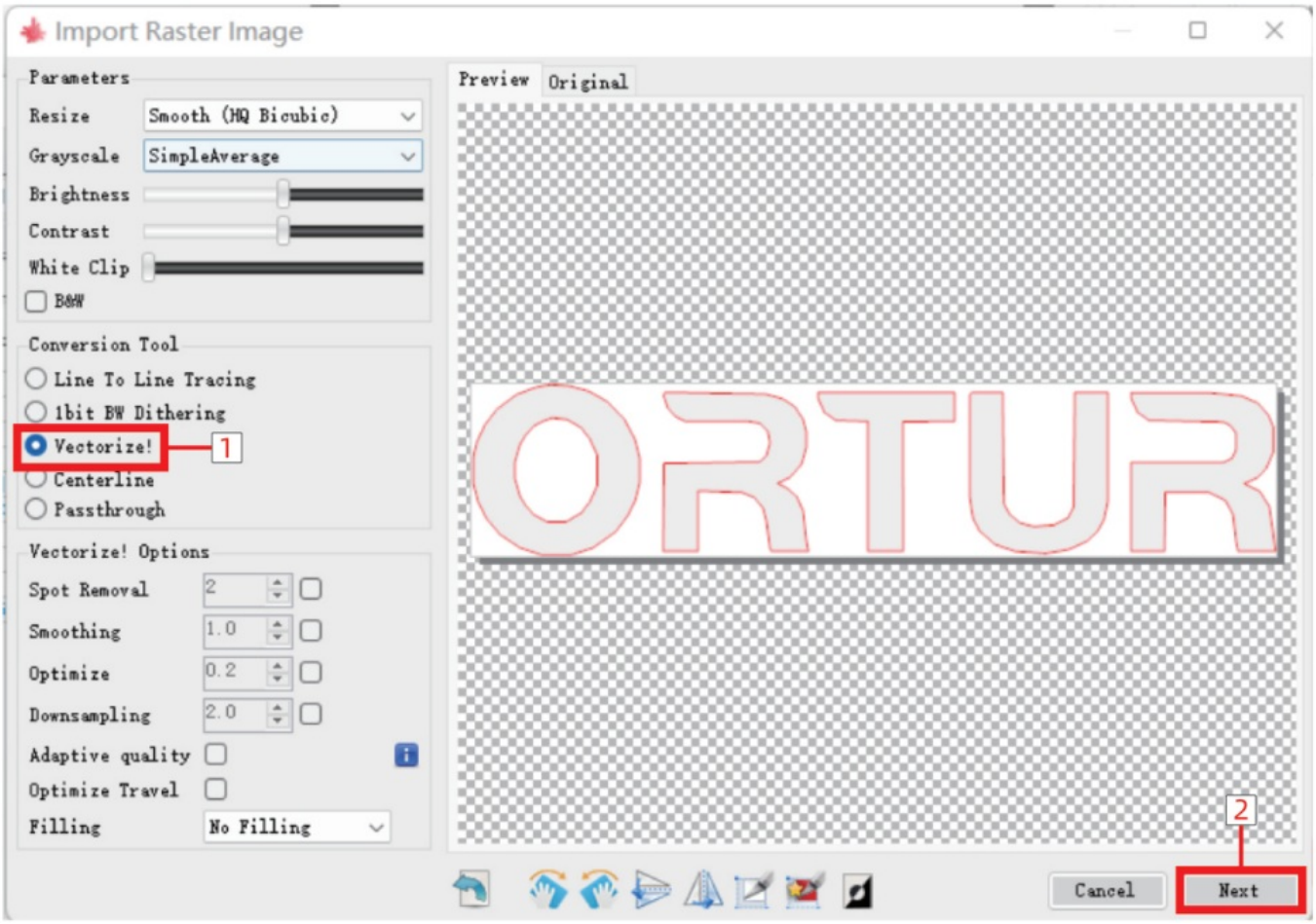


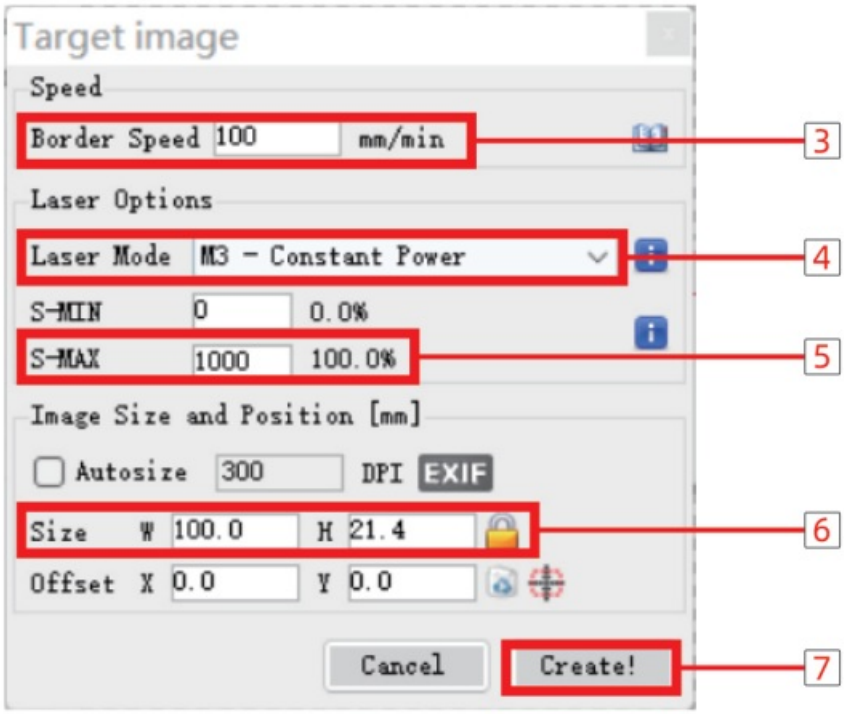
After adjusting the engraving starting point, you must click this button to record the position, otherwise the movement will be invalid!



Click the button in the red box to start engraving.

Cutting



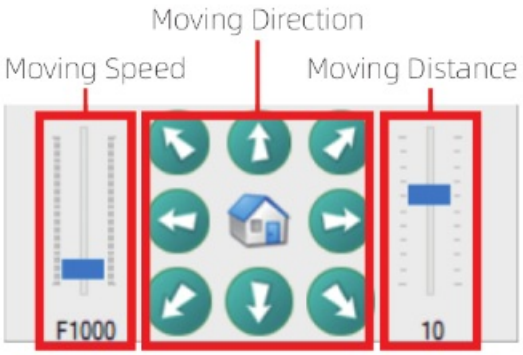


1. Select “Vectorize”
2. Click “Next”
3. The Border Speed is modified to 100mmim in
4. Select “M3-Constant Power” for laser mode
5. S-MAX 1000
6. The size can be modified according to your needs

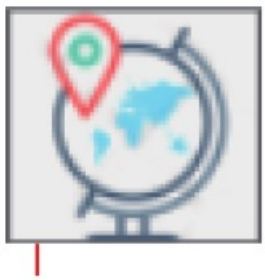
7. Click “Create”

Note 1: The cutting parameters are for learning and reference only, and the actual use will be affected by factors such as material and thickness!
Note 2: The same material, such as wood, will have different effects due to different tree ages and resins. In order to achieve the best results, multiple attempts are required!

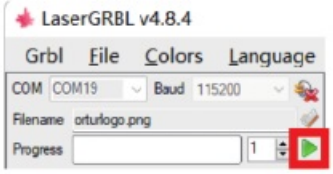
Click the button in the red box to view the engraving range, and then adjust the position according to the engraving range.



Use the moving direction buttons to adjust the engraving starting point.

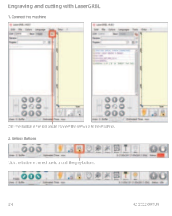


After adjusting the engraving starting point, you must click this button to record the position, otherwise the movement will be invalid!



Click the button in the red box to start cutting.

Documents / Resources

	Software s Engraving and Cutting with LaserGRBL Software [pdf] User Guide Engraving and Cutting with LaserGRBL Software, Cutting with LaserGRBL Software, LaserGRBL Software, Software