1） **About Laser**

How is laser engraving and laser cutting realized?

：The laser light to burn the material and the intensity of the burn determines whether it leaves a mark or burns through the material.

Engraving and cutting are realized by the speed and power settings for the same material.

Reference parameter：

8W：

https://docs.google.com/spreadsheets/d/1K_ppGLk9Kw93W7MqFwYIm8LopgC8GXl7/edit?usp=sharing&ouid=113042399285143204393&rtpof=true&sd=true

15W：

https://docs.google.com/spreadsheets/d/16HIX2JD4Feni_dlmTOwfxIBFi19ltTH0/edit?usp=sharing&ouid=113042399285143204393&rtpof=true&sd=true

20W：

https://docs.google.com/spreadsheets/d/1qlbV0z8ykWb7-RxiWvsKBz-_ILrqbPl1/edit?usp=sharing&ouid=113042399285143204393&rtpof=true&sd=true

2） **caveat**：

Storage environment：

Please ensure that the machine is stored in dry, well-ventilated temperatures,（there is a risk of damage to the motherboard if it is left on a wet floor for a long period of time.）

Safe to use：

Please ensure that the environment is ventilated, wear the glasses, and wear a gas mask as far as possible when engraving acrylic and other polymer materials.

Regular cleaning：

Module cumulative work every 8 hours, use alcohol cotton to clean the bottom of the module window lens. Ensure the normal power and life of the module.

Engraving risk：

8W, 15W, laser engraving reflective materials (such as part of the stainless steel, coated mug) when there is a risk of damage, it is recommended to use 20W laser or 1064nm laser to ensure that the use of normal.

3） Installation adjustment and testing of machines

https://docs.google.com/document/d/1RB7T7Uvldh5t57yVMKti_4dF5oBOD7_F/edit?usp=sharing&ouid=113042399285143204393&rtpof=true&sd=true

4） WiFi connection and APP use

https://docs.google.com/document/d/1JvLrhODTe2OS4w2O_VH3q3DeJvvYIah4/edit?usp=sharing&ouid=109877019660278867231&rtpof=true&sd=true

5） Software Installation and Tutorial

https://docs.google.com/document/d/1T14bOLAsdmV81zfBMze08XY6k3PQAbVc/edit?usp=sharing&ouid=109877019660278867231&rtpof=true&sd=true

FAQ

lightburn Prompt for task interruptions/LaserGRBL Indicates that the motherboard is damaged

A）Refer to this video for setup

（JUST lightburn）

B）Control the module with the “MOVE” command in the software instead of by hand!

C）Click Homing and Frame before engraving to make sure it's working.

Will the module power be reduced?？

Long continuous working time of the module causes the internal temperature to rise, which affects the output power. The power is restored after resting to normal temperature.

Long time did not clean the module bottom lens or window lens consumption damage, resulting in part of the power absorbed by the lens. At this time the lens needs to be cleaned or replaced.

For more FAQ, please check the AlgoLaser official website

https://algolaser.com/pages/faq