snapmaker | Guide for Laser Engraving
Before you Start

Transform into a Laser Engraver

Start Laser Engraving

- Prepare
- Start
- Support
Before You Start

Get the Screwdriver Ready
The screwdriver is dual-purpose. Change the blade as you need.

Used Symbols

Caution
Ignoring this type of message might result in malfunction or damage of the machine.

Notice
Details you should be aware of throughout the process.

Tips
Tips offer you convenient operations and additional options.

Make sure that the highlighted part is facing the right way.
On the Touch Screen, go to Controls > Jog Mode > X+/Z+. Keep tapping X+/Z+ until the 3D Printing Module is moved to the illustrated position.
**Guide for Laser Engraving**

**Transform into a Laser Engraver**

2 Power Off the Machine and Unplug the Power Adapter

---

*Caution*

If you just finished 3D printing, wait about 5 minutes for the 3D Printing Module and Heated Bed to cool off after the machine is powered off.
Transform into a Laser Engraver

3. Unplug the Heated Bed Cable and Detach the Heated Bed from the Y Axis
Transform into a Laser Engraver  4  Attach the Engraving & Carving Platform.
Transform into a Laser Engraver

Unplug the Module Cable and Detach the 3D Printing Module from the X Axis
Transform into a Laser Engraver

Attach the Laser Engraving Module to the X Axis and Plug in the Module Cable

**Notice**

The installation position of the screws must be the same as illustrated.
Make Sure the Cables are Connected Correctly

Notice

You can also connect the cables according to the provided card.

Caution

Make sure all the cables are correctly and properly connected as illustrated before you power on the machine.

Do NOT connect or disconnect the cables or USB when the machine is powered on.
Start Laser Engraving

Improperly operating the Snapmaker can cause fire, eye or skin injury or other serious consequences from laser exposure. Please read through the safety information at manual.snapmaker.com/laser_engraving before you start laser engraving.
Prepare

1. Place the Material

Put the material you want to engrave on the platform.
Prepare

2 Immobilize the Material

Use the fixtures to immobilize the material.

Tips

You can use the provided fixtures and other tools such as adhesive tape and binder clips to immobilize the material.

Caution

Make sure the fixtures and binder clips don't impede the movement of the linear modules.
Prepare

3. Download the Software

Download the software from our official website: snapmaker.com/download
Connect the computer to the machine using the provided USB Cable.
Connect the power adapter and power on the machine.
Start

We only provide a general description of the setup procedure in this guide. Please refer to the online manual for details: manual.snapmaker.com/laser_engraving/
Generate G-code of the file you want to engrave.
Start

2 Use the provided Calibration Card to set work origin

Use these buttons to adjust the position of the Laser Engraving Module. You will find the focus when you see the laser dot is smaller than the dot on the Calibration Card.

Caution
Make sure you wear the Laser Safety Glasses before setting work origin.

Tips
You can also use the Calibration Card to calibrate.

Put the dot under the laser to find the focus.
Choose a Way to Engrave

Option 1
Using the Computer
(The computer must be connected to the machine throughout the process.)

Option 2
Using the USB Disk
(No need to connect your computer to the machine.)
Support

Besides this guide, there is also a User Manual available on our website: snapmaker.com/document
Find the answers in our FAQ page if you run into any problem during assembly: faq.snapmaker.com
Share anything you want with other Snapmaker users at our forum: forum.snapmaker.com

Any news from you is good news for us. If you have any questions, don’t hesitate to contact us. We are here for you whenever you need general information, technical support or have any sales inquiries.

General    Info@snapmaker.com
Support    support@snapmaker.com
Marketing  sales@snapmaker.com

See more fun stuff at:
Albert Einstein once said, “A person who never made a mistake never tried anything new.”

Try the new things with Snapmaker, even if you may make mistakes.

To use the 3D printer or CNC carver, please read the corresponding guide.

Part No.: FA002  V1.0.1