snapmaker | Guide for CNC Carving





Before you Start



Transform into a CNC Carver



Start CNC Carving

Prepare

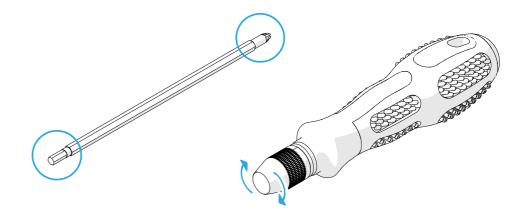
Start

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.

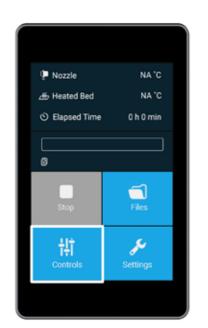


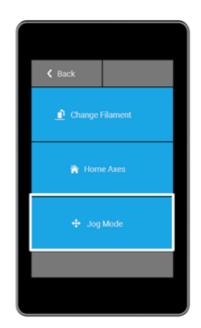
Make sure that the highlighted part is facing the right way.



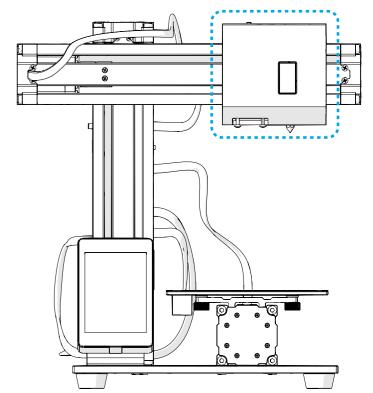


Reposition the 3D Printing Module









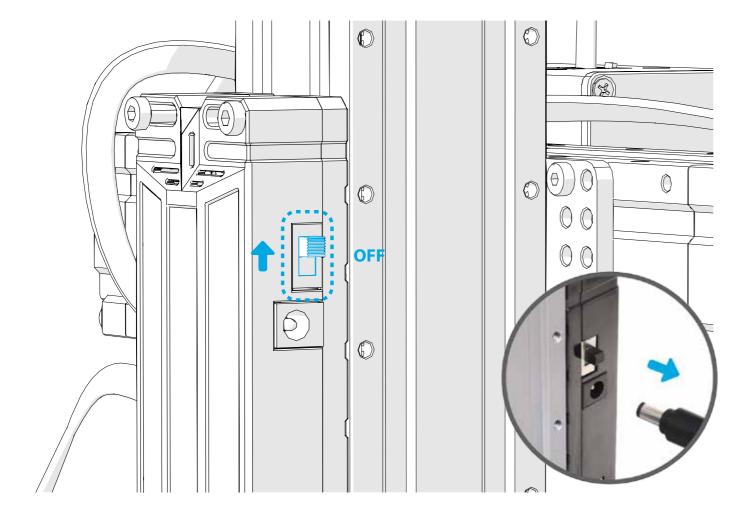
On the Touch Screen, go to Controls > Jog Mode > X+/Z+. Keep tapping X+/Z+ until the 3D Printing Module is moved to the illustrated position.

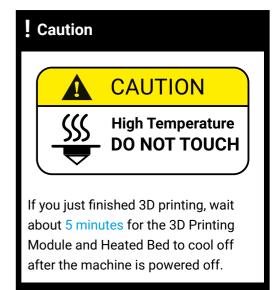






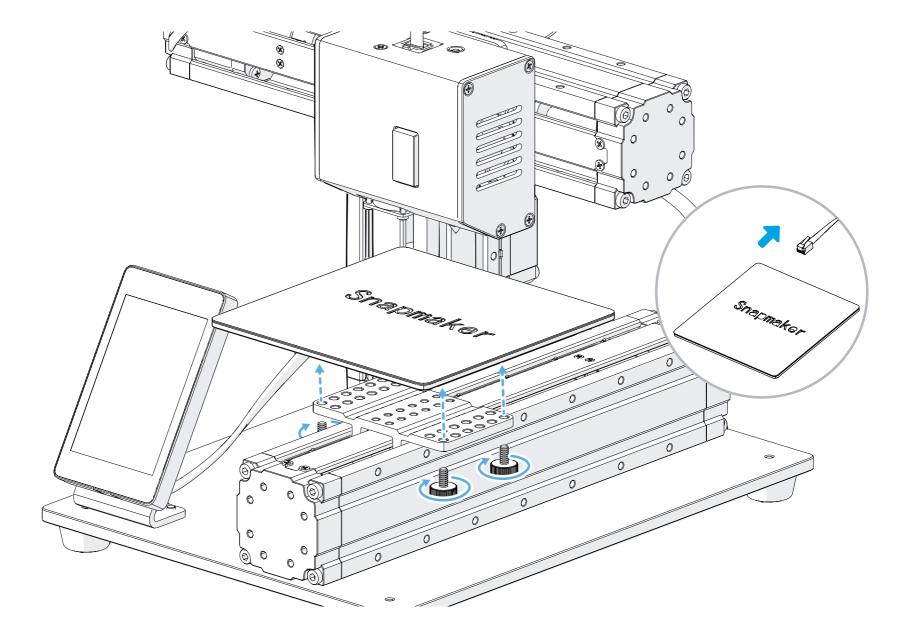
Power Off the Machine and Unplug the Power Adapter





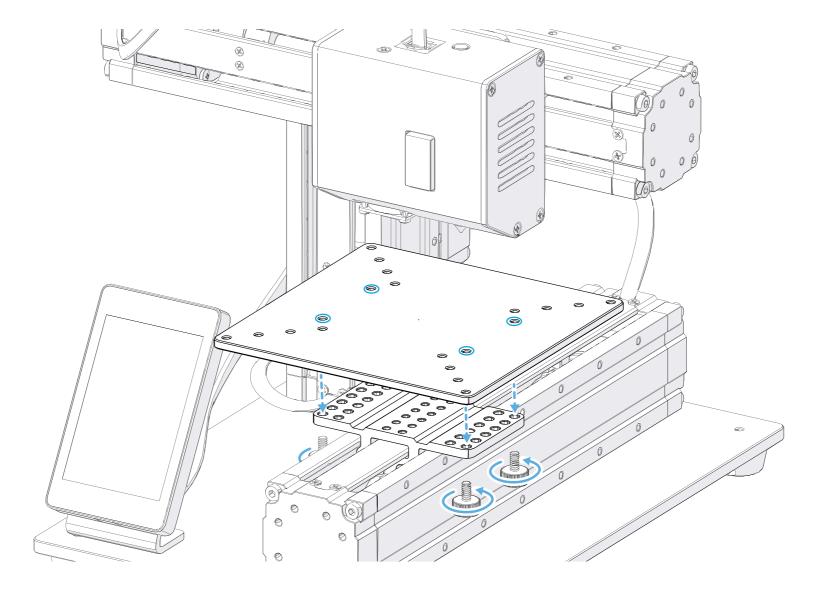


Unplug the Heated Bed Cable and Detach the Heated Bed from the Y Axis



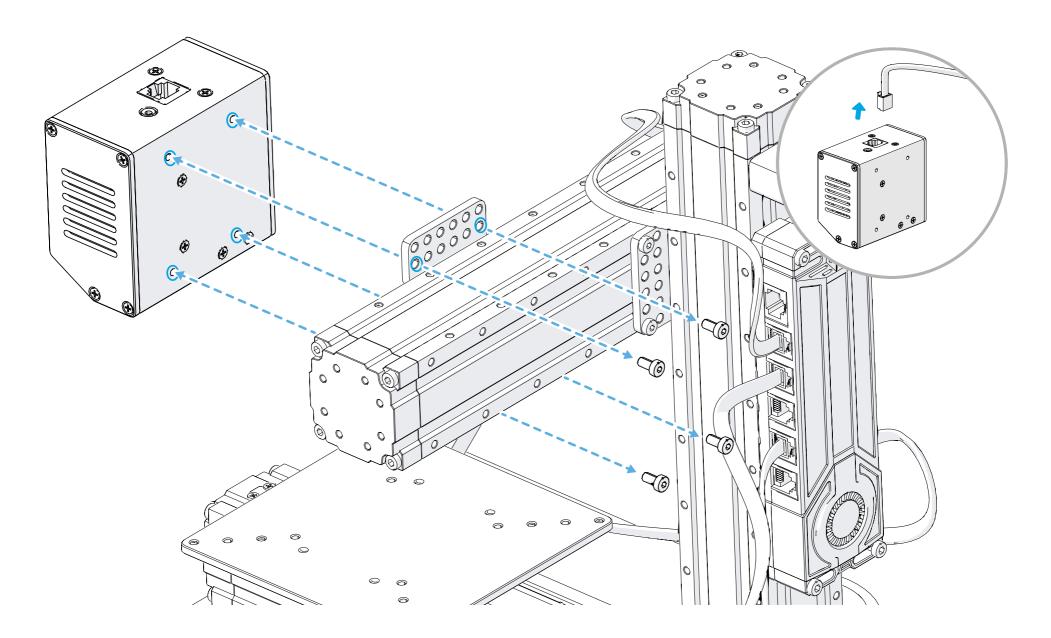


Attach the Engraving & Carving Platform.



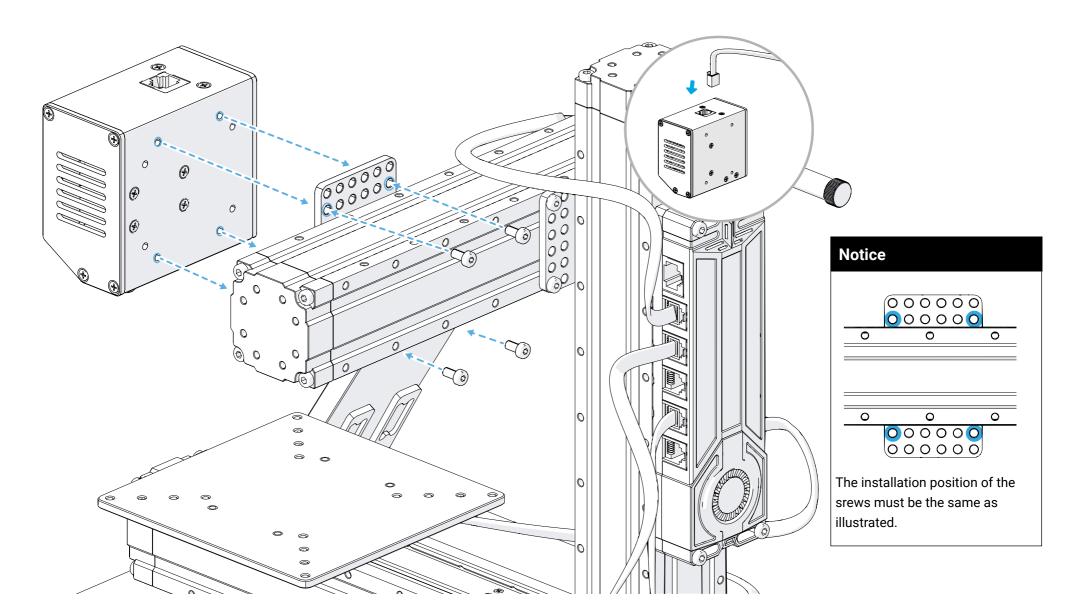


Unplug the Module Cable and Detach the 3D Printing Module from the X Axis

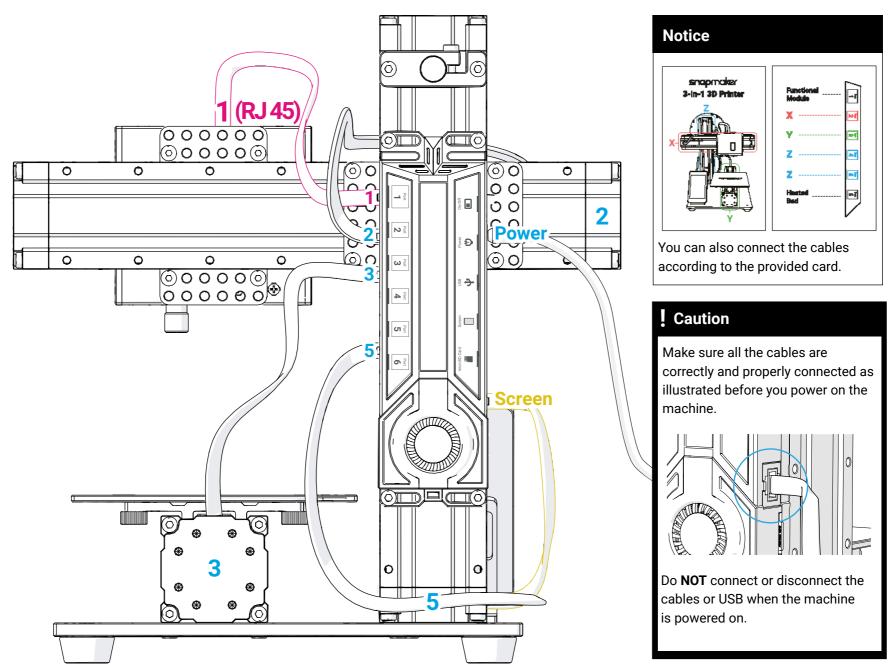




Attach the CNC Carving Module to the X Axis and Plug in the Module Cable

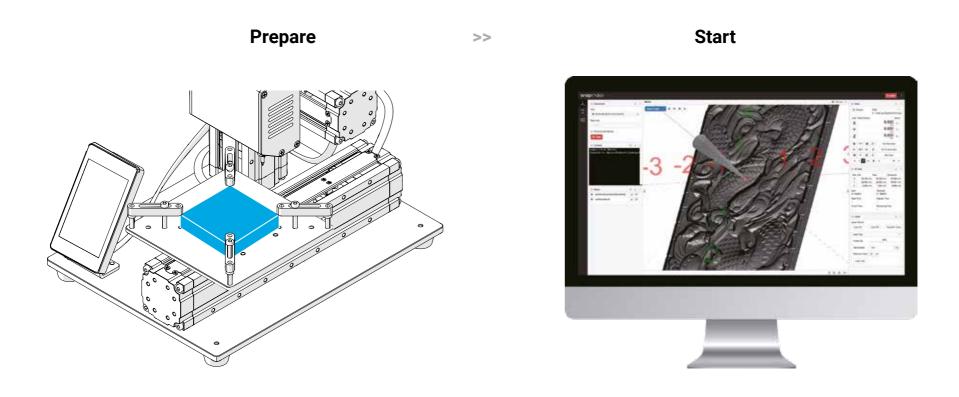


Make Sure the Cables are Connected Correctly

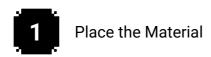


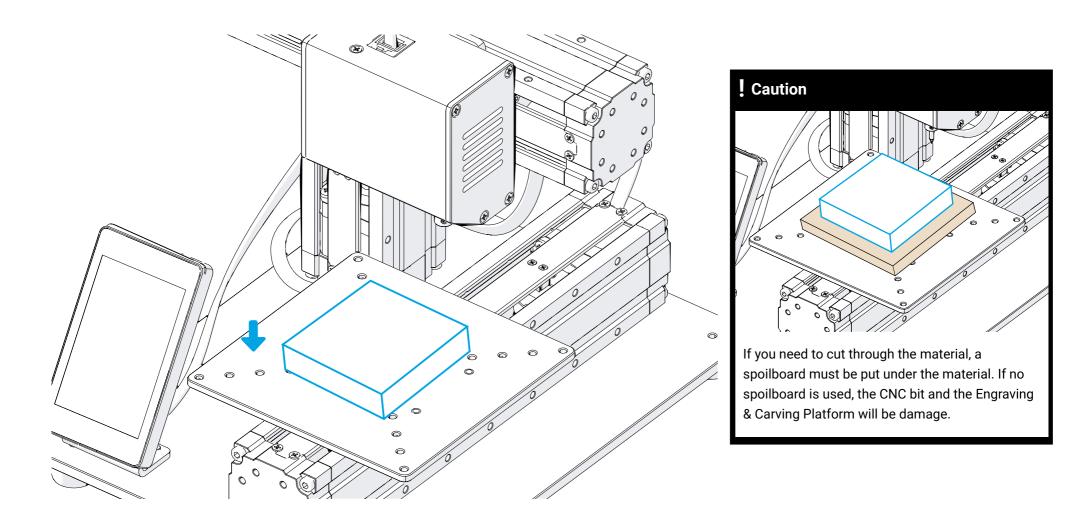
Start CNC Carving

Improperly operating the Snapmaker can cause injury. It's recommended that experienced users perform the following actions. Keep a safe distance from the machine when it's carving. For more safety information, please visit manual.snapmaker.com/cnc_carving.



Prepare

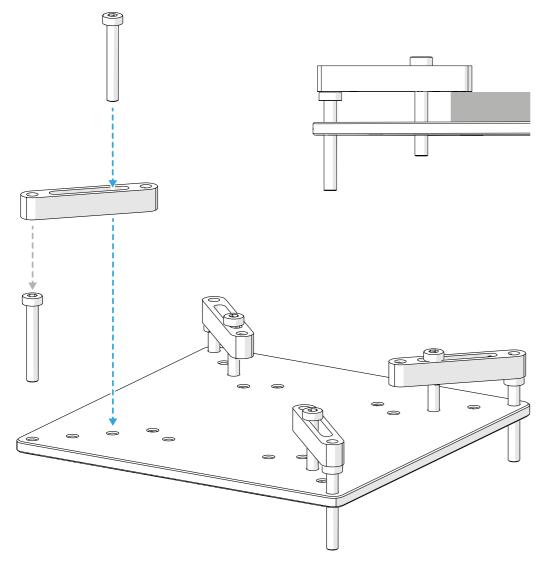


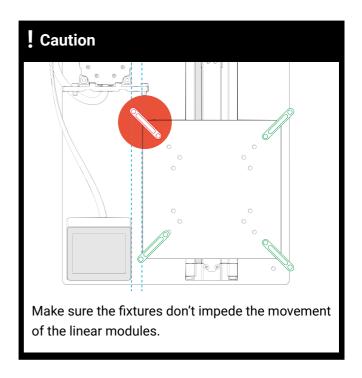


Put the material you want to carve on the platform.



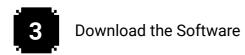
2 Immobilize the Material

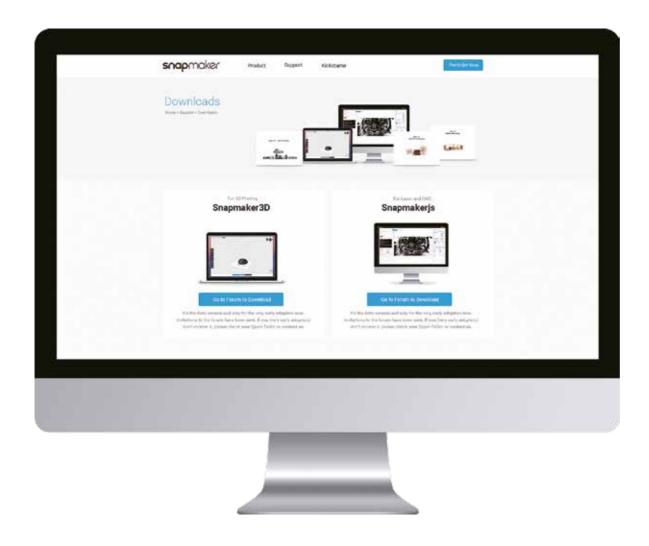




Use the fixtures to immobilize the material.

Prepare

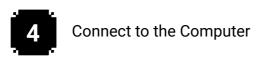




Download the software from our official website:

snapmaker.com/download

Prepare



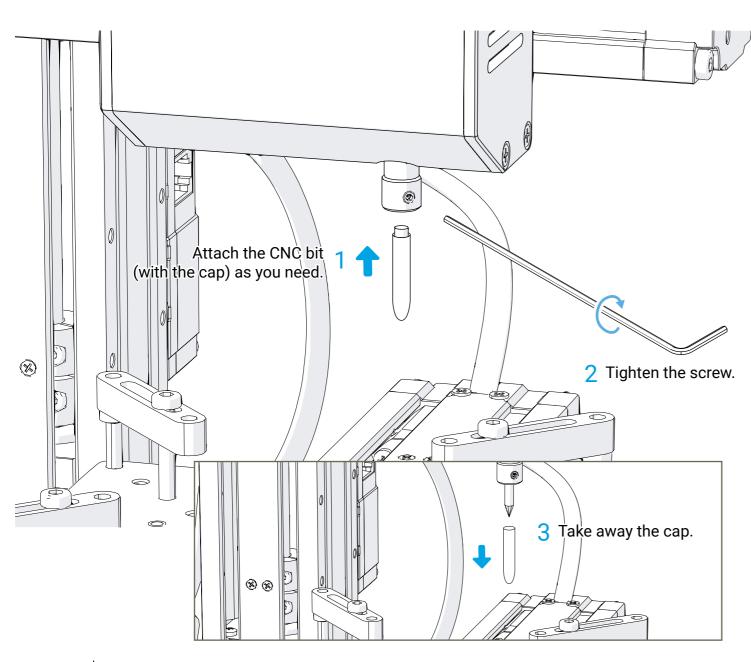






5

Attach the CNC Bit

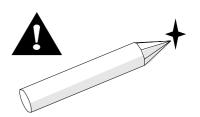




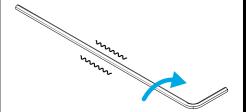
Tips

The Flat End Mill is usually used for cutting materials, while the Carving V-bit is usually used for engraving.





The CNC bits are sharp. Please handle them carefully and keep them out of reach of children.

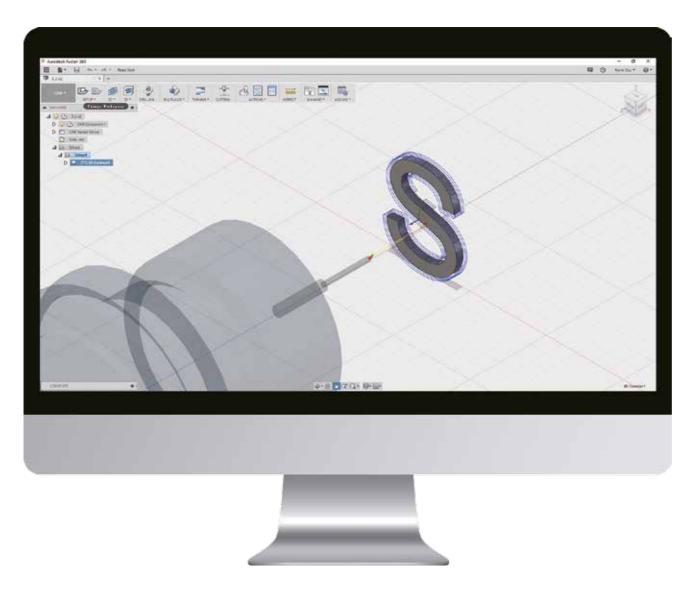


Turn the screw as tight as possible.

We only provide a general description of the setup procedure in this guide. Please refer to the online manual for details: manual.snapmaker.com/cnc_carving/







Generate G-code of the file you want carve using Fusion 360.

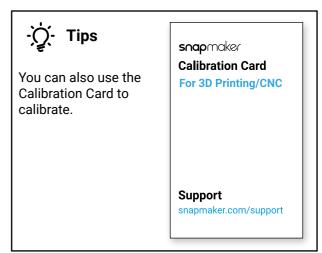
For more information, please visit: manual.snapmaker.com/cnc_carving/ generate_g-code_using_fusion_360.html

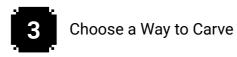












Option 1

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.

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