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Before you Start

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Transform into a CNC Carver

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Before You Start

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

Used Symbols

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<th>Caution</th>
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<td>Ignoring this type of message might result in malfunction or damage of the machine.</td>
<td>Details you should be aware of throughout the process.</td>
<td>Tips offer you convenient operations and additional options.</td>
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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 CNC Carving

Transform into a CNC Carver

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 CNC Carver

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

5 Unplug the Module Cable and Detach the 3D Printing Module from the X Axis
Transform into a CNC Carver

6 Attach the CNC Carving 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

Caution

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

Notice

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

Notice

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 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

1 Place the Material

Put the material you want to carve on the platform.

**Caution!**

If you need to cut through the material, a spoilboard must be put under the material. If no spoilboard is used, the CNC bit and the Engraving & Carving Platform will be damaged.
Use the fixtures to immobilize the material.

**Caution!**
Make sure the fixtures don't impede the movement of the linear modules.
Prepare

Download the Software

Download the software from our official website: snapmaker.com/download
Prepare

Connect to the Computer

Connect the computer to the machine using the provided USB Cable. Connect the power adapter and power on the machine.
Attach the CNC Bit

1. Attach the CNC bit (with the cap) as you need.
2. Tighten the screw.
3. Take away the cap.

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

Caution
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/
Guide for CNC Carving

Start

1. Generate G-code

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

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

2. Set Work Origin

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

Tips
You can also use the Calibration Card to calibrate.

Support
snapmaker.com/support

Use these buttons to set work origin.
Start

Choose a Way to Carve

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:
Grace Hopper said, “A ship in port is safe, but that’s not what ships are built for.”

So, use the Snapmaker more often and create more!

To use the 3D printer or laser engraver, please read the corresponding guide.

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