

# Member Notes

## VCarve Makerspace Edition

### **Vectric VCarve Pro Makerspace edition at Home!**

VCarve Makerspace Edition is a special version of VCarve that enables members of a makerspace to use VCarve Pro on their home computers to create projects to use with the Protohaven Avid CNC Router. Members can download the trial version of VCarve Pro and connect it to the Protohaven Makerspace connected Vectric account, allowing unlimited use of the trial version. Projects created on the Makerspace Edition can only be used in the Makerspace that they are connected to, but there are no other limits in terms of features or number of uses of the software. Follow the steps below:

- You must first create a [Vectric account](#). This is required to connect to Protohaven's Vectric Makerspace account.
- Please use the same email address for your Vectric account that you use for your Protohaven membership.
- Connect your Vectric account to the Protohaven Makerspace following these steps
  - Go to this link [Makerspace Invitation](#)
  - Put in your email address for your Vectric account
  - Open your email and look for an email from vectric.com with the subject "Vectric Makerspace Invitation".
  - Open the email and click on the link in the message.
  - Create an account with Vectric (or log into your existing one if you already have signed up).
  - When you get to the page with a section titled "Pending Organization Invitation", click "Accept".
  - Optional \* Download and install VCarve Pro software from the link provided on the next page.
    - \*note, VCarve only runs on Windows, but it is possible to run on Mac or Linux with a Windows emulator.
- Important Notes about running VCarve on your personal computer
  - You must sign into the software or the files that you save will not be able to be used with the Protohaven VCarve Makerspace edition
  - The trial version is limited. You cannot generate G-code on the trial version. You can create toolpaths, and save the file as a VCarve \*.crv file onto a flash drive and bring this to Protohaven. Once you open VCarve on the Protohaven CNC computer, and open your file you will then be able to save your toolpaths to Gcode for import

into Mach3.

- Signing into VCarve on the CNC Computer at Protohaven.
  - When you open VCarve it will ask if you are a "registered member" Meaning you have created a Vectric account and registered that account with the Protohaven Makerspace. Or an "unregistered member" Meaning you do not have an account. Unregistered members will be prompted to register on the spot.
  - When you highlight "registered member" and click Next, there will be a dialogue that asks for your email associated with your Vectric account. Type your email, and click "Send One Time Code"
  - Check your email for the one time code, and put it into the dialogue. Vectric will authenticate your account.
  - A dialogue will confirm your name and the Makerspace Machine you are using.
  - VCarve will open and you will be able to use your files designed on a trial version.

# VCarve Allowance Offset Cheat Sheet

From <https://forum.onefinitycnc.com/t/vcarve-offset-allowance-cheat-sheet/14207?u=wmbanderson>, user JoeT :

“ I created a cheat sheet detailing how profile and pocket toolpaths behave when allowance offsets (both positive and negative) are applied (a concept I have to relearn every time I need to use it). Thought I would share in case anyone else struggles like I do, trying to remember whether they need a negative or positive offset. :slightly\_smiling\_face:  
Joe

Cheatsheet: [vcarve-allowance-offset.pdf](#)

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