



Carvey Desktop CNC

What can it do?

Carvey allows you to carve materials such as wood, plastics, and some metals. Check with staff for a list of materials suitable for the Carvey. Many of these can be purchased directly from <http://www.inventables.com>

Here are some examples of projects the Carvey has been used for:

- Cutting out wood or plastic decorations
- Making wood cutting boards
- Making signs
- Milling simple circuit boards

What should you know?

Here is a list of skills that you should familiarize yourself with to get the most out of Carvey

- How to use vector graphics software: cutting and engraving jobs are sent through Easel but you can also import vector graphics from Inkscape and Illustrator
- The machine takes stock up to 11.6 inches by 8 inches by 2.5 inches
- Know how to use digital calipers
- Know the difference between the various types of milling bits and what materials and types of cuts they can be used for
- Unless you are already familiar with using a CNC machine then start with a mentor appointment before you go out on your own

What's next?

We, at Do Space, want to light your creative fires. That is why we have provided the hardware, the software, the lab space, the instructional classes and the human resources for you to keep stoking that creative fire. To book the Carvey for use please visit our website at www.dospace.org and click on **Technology > Tech Reservations**.

Where to find materials?

Local

- Home Depot, Menards & Lowes all carry various sizes and thicknesses of acrylic sheets, plywood, and limited selections of hardwoods.
- Dan's Custom Sawmill
<https://www.danscustomsawmill.com/>
402-980-0249
Offers cuts of raw lumber: Walnut, Ash, Cedar, Maple, Spruce, and more
- Woodcraft of Omaha
<http://www.woodcraft.com/>
14605 Wright St, Omaha, NE 402-330-5444
Carries a variety of wood blanks of sizes under 12"

Online

- <https://www.inventables.com/categories/materials>
Carries pre-cut materials for the Carvey: Acrylic, wood, metal, foam & wax
- <http://www.woodcraft.com>
Carries a variety of wood blanks of sizes under 12"
- <http://www.bellforestproducts.com>
Carries exotic and common species of wood blanks