

## **“Vinyl Cutter Parts and Their Purposes” Video Script**

This is the GS-24 vinyl cutter. To create designs, you’ll need to know the parts and the purposes of those parts. Let’s take a closer look.

Two important parts for loading material are the loading lever and the left- and right-pinch rollers.

This is the loading lever. You’ll operate it when you are putting the material you want to cut into the vinyl cutter.

There are two pinch rollers, one on the right and one on the left. When you lift the loading lever the pinch rollers will clamp the material you loaded into place on the left- and right-hand edges.

As you can see there are white markers to indicate the locations to which the left- and right-pinch rollers may be adjusted.

These are called grit rollers. The grit rollers help to move the material out toward the front of the machine while it is cutting the material.

The series of lines you see here are called guide lines. You will use them to line up material you are loading into the vinyl cutter.

This part is called the cutting carriage. It holds the blade and moves it left and right to cut a design. The blade is held here.

Here on the side of the vinyl cutter you’ll see two connectors: a USB connector and a power-cord connector

The USB connector lets you connect the vinyl cutter to other devices by plugging in a USB cable to both. This connection lets you give design instructions to the vinyl cutter.

The power cord connector allows you to power the machine when the power cord is connected to an outlet.

On the right-hand side of the vinyl cutter, you’ll find the operation panel. It lets you perform several operations. Let’s take a closer look.

In the bottom right-hand corner, you’ll find the power button. Pressing this button to turn on the machine will make the power button light up blue.

To turn off the vinyl cutter, hold the “power button” down for one second or longer.

The display at the top displays menus, settings, and notifications. The user manual is a helpful resource to look up the meaning of notifications you receive.

This is the test key. Pressing and holding this key for one second or longer will tell the vinyl cutter to cut a preset test pattern.

Here in the middle is the origin key. Pressing and holding this key for one second or longer sets the origin point where the blade, held in the cutting carriage, is currently located. Be sure that the cutting carriage is where you want it to be before setting the origin with this key.

This is the pause key. If you press it once, vinyl cutting will pause. If you press it a second time, cutting will start up again.

This is the menu key. Pressing the menu key will cycle you through the cutting conditions that are currently set up, the menu mode, and the width-display screen.

This is the force key. Selecting this button takes the user to the menu that allows the blade force to be adjusted.

This is the pen force slider. The pen force slider allows the blade force to be fine-tuned.

If the blade's force needs to be adjusted, do not make adjustments yourself. Always find an Innovation Lab staff member to help you.

Here in the middle of the operation panel you'll find the cursor keys. These allow you to select and set menu items. They can also be used to direct the cutting carriage or the material that you are cutting to move.

This is the enter key. When you have found the menu item you would like to select, use the enter key to select it.

Now you've been introduced to the parts of the GS-24 vinyl cutter and what they do!

As you go through this course, you'll be guided through the process of actually cutting a design with the vinyl cutter. You'll become more familiar with the vinyl cutter parts as you progress.

Be safe and have fun!