

Creation Vinyl Cutter Tips & Tricks

Read this entire sheet before turning on the cutter.

UNPACK CAREFULLY • CUT OFF WHITE CABLE-TIE HEAD STRAPS CAREFULLY • CUT OFF PLASTIC PROTECTIVE BAG WITH SCISSORS • DO NOT TRY TO SAVE THE BAG - YOU WILL BREAK A ROLLER HANDLE • BE CAREFUL ABOUT REMOVING CD'S - PUSH THE CENTER BUTTON IN THE CASE

The head and rollers are strapped in with cable ties. Make sure to cut them off from the back before powering up. **Also please plug your cutter into a good surge protector; many surge protectors offer insurance for free.** When determining a place to set your cutter, please remember that the unit *should be level (Very Important)*, in an area free of dust/dirt, and have adequate power (Not on the same circuit that your computer equipment is plugged into - the Cutter does draw a fair amount of power)

COMPUTER SETUP

All the cables you need to hook the cutter up to your serial port come with the unit. Please do not use any adapters. You can also purchase a Shielded DB9F to DB25M NULL Serial Cable for Noisy Electrical / RF environments (Not necessary for most installations). If you do not have a serial port, you can use a USB to Serial Converter; we have found that Belkin and KeySpan work very well, but many other brands do not.

On your computer, you DO NOT have to install any printer drivers, etc. through Windows. Just install WinPC Sign. In WinPC Sign, from the words across the top, choose "Setting"; then choose "Plotter codes". Cycle through your COM ports by choosing each one, saving the settings, then trying to send a job (5 or 6 small circles work well) - WITHOUT THE BLADE HOLDER INSTALLED. You'll know when you've found the one that works. (Certain PDA, Palm Pilot, Fax, Digital camera, Fax software take permanent control of your serial port & will not release it for everyone's use)

Make sure you register your software. If you have problems with the software, you are welcome to call them directly for support. Please read the manuals; they really do help! **There is a 180 page PDF manual about the software on the CD.**

THE CT635 CUTTER

There are X Scale and Y Scale calibration numbers in the menu. - Write them down on the manual cover or back of plotter and save them in case the plotter gets reset and you need them. Later on, should your cutter start cutting everything 2 or 3 times the size it should, that means your calibration numbers have somehow gotten messed up. To reset them: go Offline, scroll down to Speed using the Mode button, hit the bulls-eye, then go back online. It should now be fine.

The cutter also has e-stop safety switches. These prevent damage to the bearings, etc. if you send bad code to the cutter, or if you started the cutter with the head too close to a wall. You will have to turn it off and move the head off the switch/wall, then turn the machine back on. If you see black squares on the LCD panel, an e-stop safety switch is engaged.

To put rollers down - move the lever up. • To put the rollers up - push the lever down.

The blade holder goes in the rear slot so the cutting blade is over the white cutter protection strip. The forward slot is for a pen.

To load vinyl, insert the vinyl centered in the cutter, then move the rollers so that they are in about 0.5" from each edge. Put the levers in the up position to engage the rollers. Push the ONLINE button (to take the unit offline), then use the arrows to move the head to your starting point, which will be the lower right hand corner, about 1" in from the right side roller.

With the unit still offline, hold down the Pause button to do a test cut. Check the test cut to see that it cut through the vinyl, but did not cut through the backing. You should only be able to see the slightest indentation on the backing. If it is cutting too deep, or not deep enough, you can adjust both the blade depth (by removing the blade holder and turning the end) and pressure. Set pressure and speed using the Mode button. Once you have the unit cutting at the correct depth, hit the bull's-eye to set a new zero point and then ONLINE to be able to cut.

SPEED & PRESSURE SETTINGS

A speed of 60 works well (out of possible 80). A cutting pressure of 80 (out of 255) works fine, just set your blade to the correct depth. The number for your speed should never exceed the number for pressure. **SPEED & PRESSURE CAN ONLY BE SET ON THE PLOTTER.**

Replacement blades are available from most sign supply companies.

For high quality replacement blades:

Cement Tipped Carbide Blades

www.signvinyl.com

954-584-2949 • 954-316-4841 Fax

WinPcSign Software Technical Support: SignMax Inc. • 514-644-3177 • signmax@signmax.us

XL Specialty Blades for Super Thick Materials

SFS Carbide Tool Company

1-800-991-9322 • 1-989-777-3890