

Quick troubleshooting when the machine is not firing the laser any more.

1: Start the machine

Check the fuses in the back of the machine in the connector.

2: Do a test fire on the panel

If the machine fires, you don't have a problem :)

If the machine does not fire, go to 3.

3: Do a test fire on the test-button on the power supply

If the machine fires, you have a problem in the buttons, potentiometer or the cables.

If the machine does not fire, go to 4.

4: Load a file, or make a shape and try to engrave or cut it.

Only need to test for 5 seconds.

If the machine does not move or fire – you probably have an issue with the bridge rectifier (green in the picture below) and the internal fuse. It is a \$1 replacement, soldering needed. Order a new one, 600V 6A is good for the rectifier.

If the machine moves, but no fire from the tube you probably have an issue with the flyback transformer (HVT). Marked red in the picture below. This is a \$20 replacement. Check out eBay or AliExpress to order a new one. Open your power supply and make sure yours is visually identical to the listing on eBay/AliExpress, there are different types.

Done!

There may be other issues, like arcing and similar. Ask in the Facebook group to get more information.

<https://www.facebook.com/groups/888394261237059/>

