<u>Table Calibration</u>

When it becomes necessary to calibrate your lasers table, it is important that you remove the cutting table first.

Once you have removed the cutting table, go to the Universal Laser Control Panel to find the Viewer Tab.

On the right side of the screen you will see two square buttons next to each other; the one on the left says Home XY. The button on the right says Home Z; **Press the Home Z Button**. Choose yes to any message on the screen.

Allow the table to go to the bottom position; there will be a graphic on the monitor screen which will eventually go away when the table is at the lowest level.

When the graphic stops and the table stops, use the focus tool and raise the table to the focus tool position. Click onto the System Tab and find **Lens Size, and CALIBRATE.**

If necessary, there will be two arrows in this pop up window with an arrow pointing up and down. Press the up or down arrow to any fine adjustment to the laser's table; now use the focus tool to focus the lens carriage to the lasers aluminum table.

Once the lens has been calibrated to the table, click **Save**, and then respond **Yes**.

The laser's table has now been calibrated correctly.

<u>Cutting Table Calibration</u>

To calibrate the cutting table **it is not necessary to Home the Z.**

Lower the laser's table to the **5.750** inch position to place the cutting table on the aluminum table.

Make sure the feet are aligned correctly the magnet on the bottom of the cutting table is in contact with the magnet under the solid aluminum table.

Use the focus tool and use the up or down arrow to adjust the table to focus the lens carriage to the cutting table.

In the System Tab, select **Calibrate Cutting Table**. If it can't be selected the cutting table is not in the correct position. Realign the cutting table and select Calibrate Cutting Table again.

When the cutting table has been calibrated with the focus tool, click Save and then Yes.

Your laser has now had both the table and cutting table calibrated correctly.

If your laser does not cut through your material, you must now adjust the power setting UP a few numbers, or adjust your speed DOWN a few numbers.