



# LASER CUTTING

# HARDWARE GUIDE

## POWER ON 60W LASER



1. There are 3 switches on the right side panel of the laser
2. Start by turning on the top switch (Control Switch)
3. Next turn on the bottom switch (Water Pump)
4. Finally turn on the middle switch (Laser Switch)

## 130W LASER

1. Press the "Main Power" button on the top right of the laser
2. Then turn the key for "Laser Power" to the on position



## FOCUSING THE LENS 60W LASER

1. The 60W laser is manual focus
2. Place your material in the center of the laser bed
3. Use the arrows to jog the laser head so that it is over the material
4. Use the acrylic spacer that is hanging on the front left of the machine, place the spacer between the laser head and your material (the spacer should be on its side, about 3/4")
5. Use the black knob in the front right corner of the laser bed to move the bed up or down

## 130W LASER

1. The 130W laser is automatic focus
2. Place your material in the center of the laser bed
3. Use the arrows to jog the laser head so that it is over your material
4. Press the "FN" button
5. Use the down arrow to scroll to the bottom of the list to "Auto Focus" press the "Enter" button
6. The laser head will move down until it touches the material then rise back up to the proper height

## SETTING UP THE ROTARY TOOL

If you are trying to engrave onto curved objects you will need to use the rotary tool

1. Lower the laser bed so the rotary tool will fit under the laser head
2. With the laser powered off locate the y-axis connection
3. Loosen the wire by unscrewing the silver connector
4. Plug in the rotary tool and tighten the silver screw connector
5. In the LightBurn software go to Laser Tools > Rotary Setup
6. Select the type of rotary you are using (either chuck or roller) and click "ok"

Rotary Tutorial:

