

## SETTING UP THE LASER

If it is your first time using the laser you will need to add which laser you are using

1. Open LightBurn
2. A screen will pop up that is called "Devices"
3. Click on the "Find My Laser" Button
4. The "Device Discovery Wizard" will open up, click the "Next" button and the software will scan to find which laser is connected to the computer
5. Select the first device on the list (it will most likely be called Ruida)
6. Click the "Add Device" Button then click "Next"
7. For the **60W laser choose "Rear Left"** as the laser origin , For the **130W laser choose "Rear Right"**
8. Click "Next" then "Finish" then "OK" now your laser will be added to the software

## LIGHTBURN DESIGN TOOLS

On the left hand side of LightBurn are all your basic design tools



**Select:** Allows you to select, move, and manipulate objects in your design

**Draw Lines**

**Create Rectangle**

**Create Ellipse**

**Create Regular Polygon**

**Edit Nodes:** Allows you to precisely adjust and manipulate individual nodes and control points on vector paths

**Add Tabs:** Adds small tab extensions to the edges of shapes to keep parts in place during cutting or engraving

**Create/Edit Text:** Allows you to add and customize text elements in your design

**View Shape Measurements**

**Offset Shapes:** Creates an offset path around selected objects

**Weld:** Combines overlapping shapes into a single unified shape, merging their areas together

**Boolean Union:** Merges two or more shapes into one by combining their areas, creating a single continuous outline

**Boolean Subtract:** Removes the overlapping area of one shape from another, leaving the remainder of the first shape

**Boolean Intersection:** New shape from the overlapping area of other shapes, keeping only the intersecting portion

LightBurn Basics:



## OTHER USEFUL TOOLS

Located at the top of the software



**Zoom to Frame**



**Preview:** Gives you a time estimate



**Mirror Selection Vertically:**



**Mirror Selection Horizontally:**



**Align Both Vertical and Horizontal Centers**



**Align Vertically**



**Align Horizontally**



**Distribute Vertically**



**Distribute Horizontally**