

HOW TO ENGRAVE A GLASS & OTHER ROUND OBJECTS WITH THE EPILOG LASER MINI

Version V2

January 27, 2025



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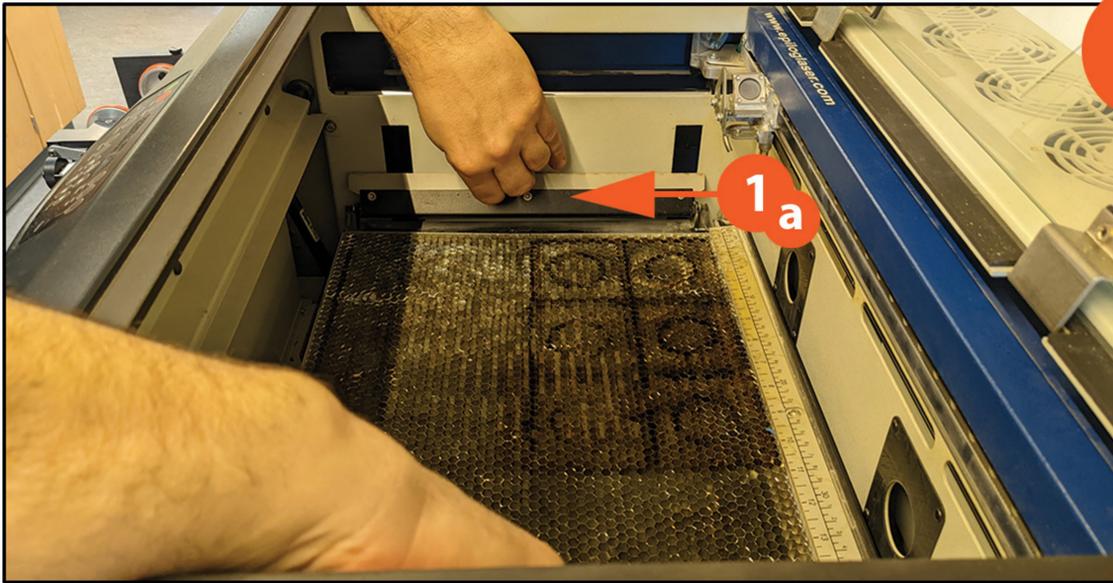
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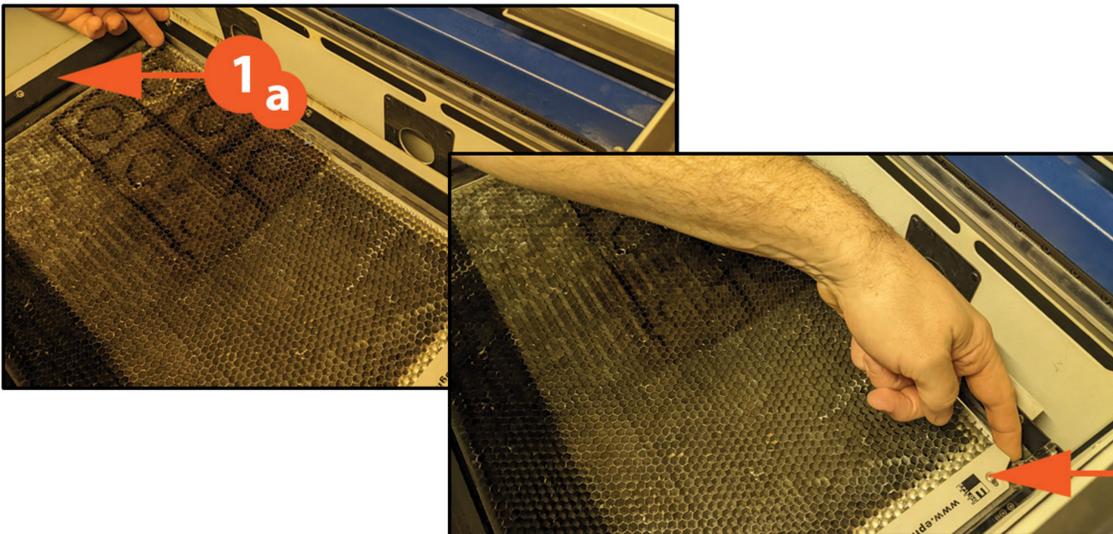


1

For engraving round objects we need to install the rotating platform into the Epilog Mini Laser.

Open the glass lid of the Epilog Mini.

1a - Lift each ruler up (rotating it upward) on the sides and back of the honeycomb laser bed.



1a

1b - Pull up the honeycomb bed by holding on each side and tilting it up.

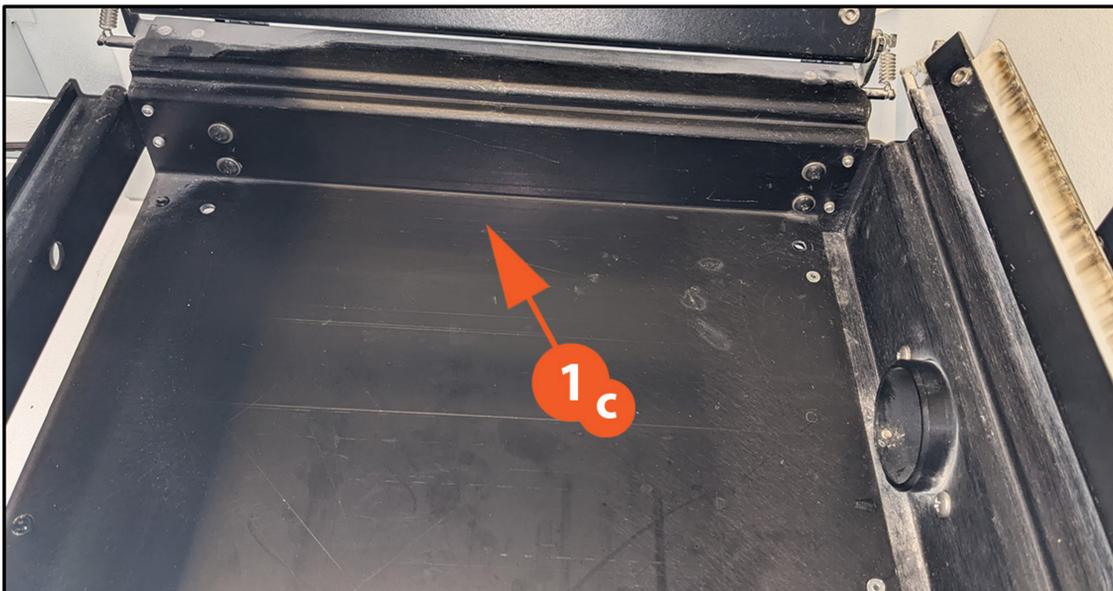
Place It on the floor to the right of the Epilog, between the Epilog & the Trotec.

1c - Make sure the tray area is clear, and vacuum out any dust and debris.

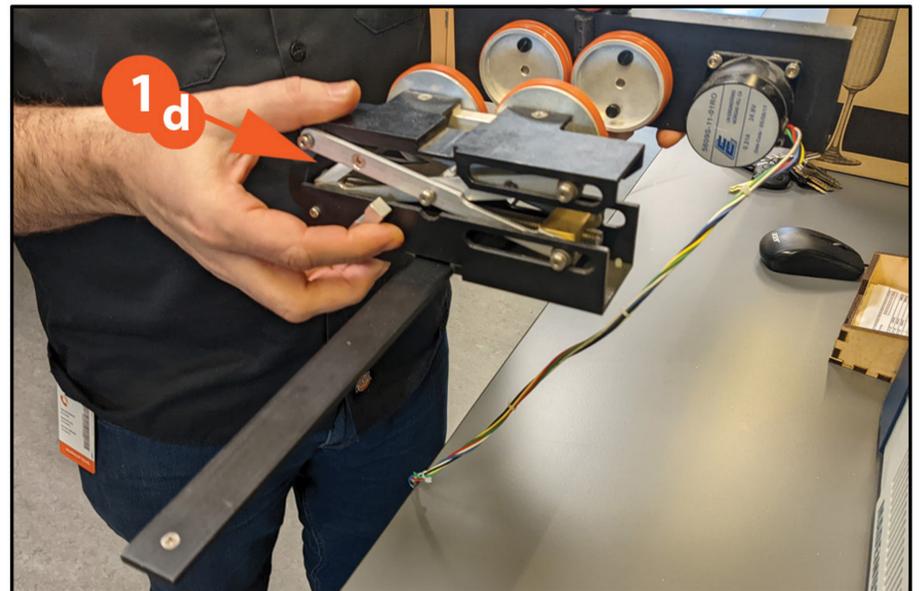
1d - Get the Rotating Platform from the Tech.



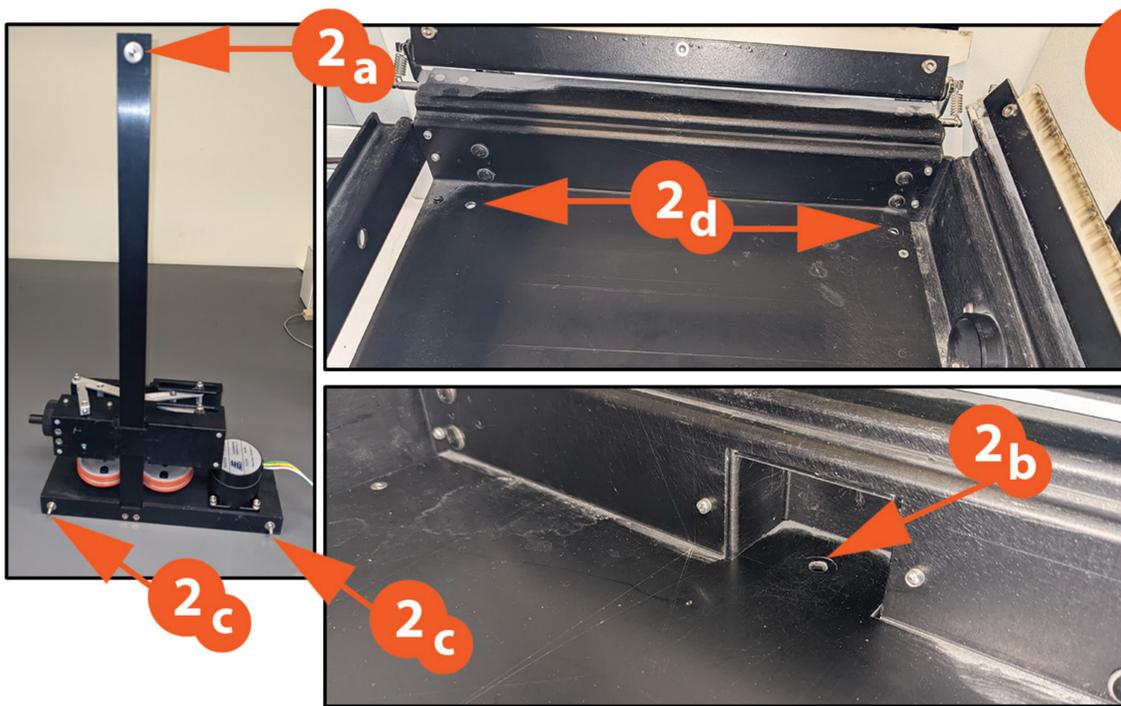
1b



1c



1d



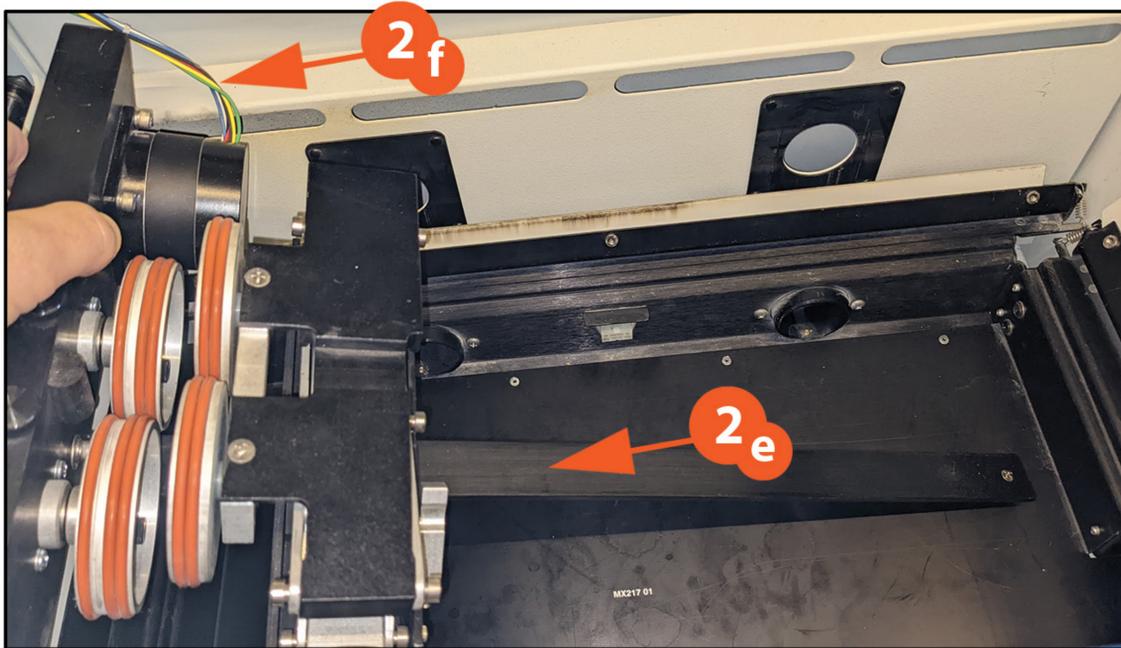
2

2a - There is a Pin on the end of the shaft of the rotator attachment.

2b - There is 1 hole for the pin on the right side of the laser bed, in the small rectangular cut out.

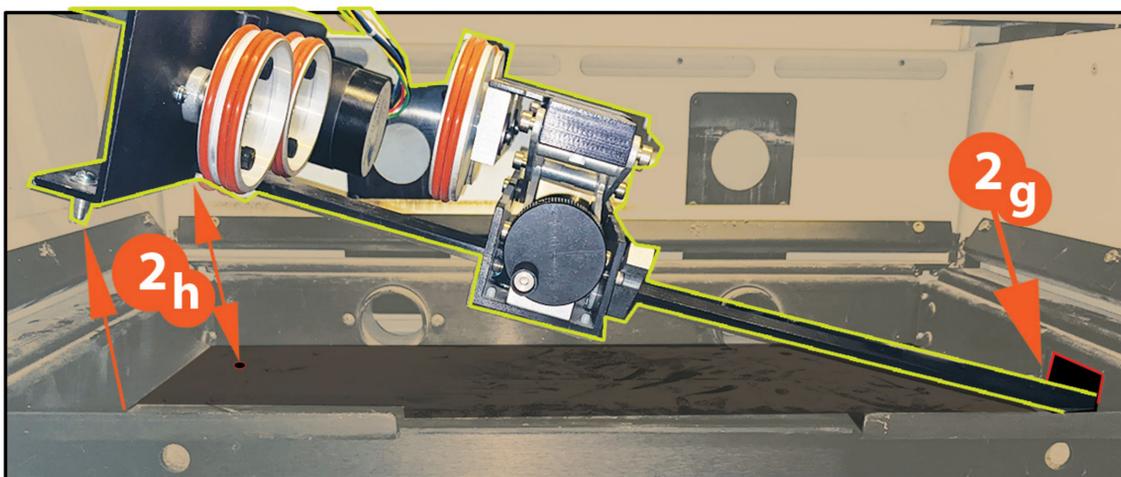
2c - There are 2 pins on the other end of the rotator attachment.

2d - There are 2 holes for the pins on the left side of the laser bed.



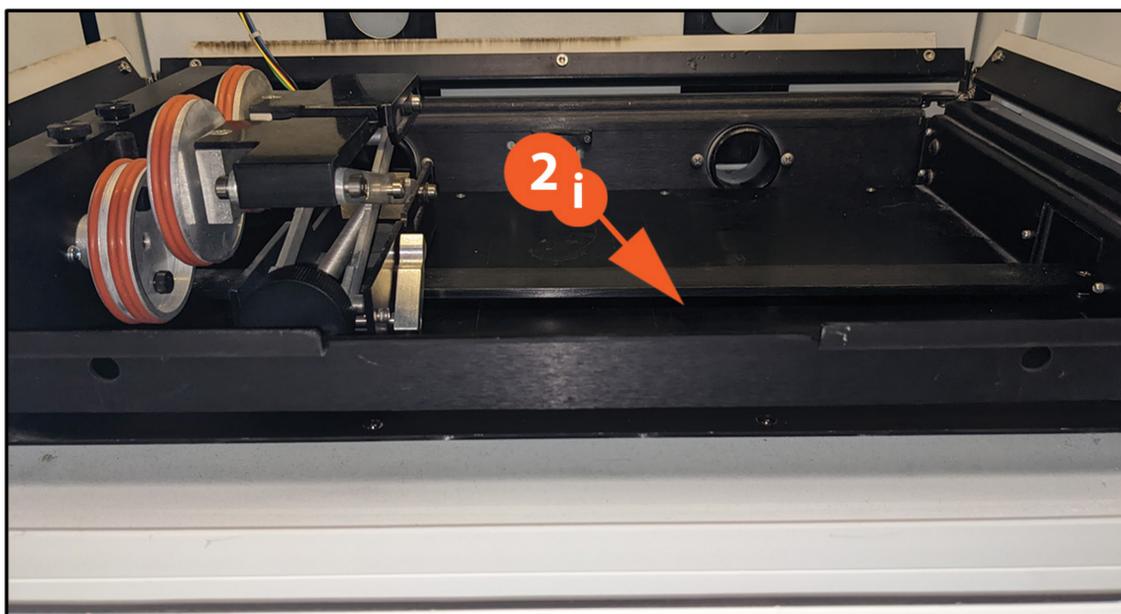
2e - You can now angle the rotating platform into the laser. We want the long shaft to be pointing down and to the right. You can open the front door of the laser if that helps you to install it.

2f - Also you want to hold the wires up and out of the way while dropping it in.



2g - Slide the end of the shaft into the rectangular opening (show with a red line here), slide it until the pin drops into the hole.

2h - Once the pin drops into the hole, lower the left side of the rotating platform down. Drop the 2 pins into the 2 holes on the left side.



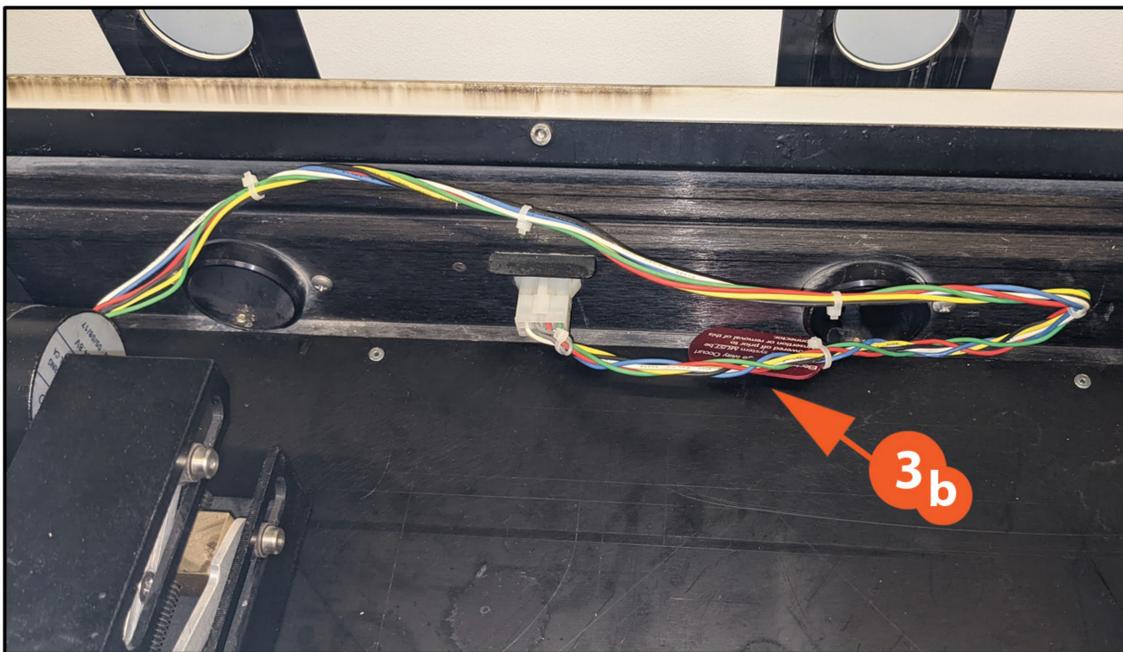
2i - The long bar/shaft should now be level and .2" (5.2mm) above the laser bed.

3

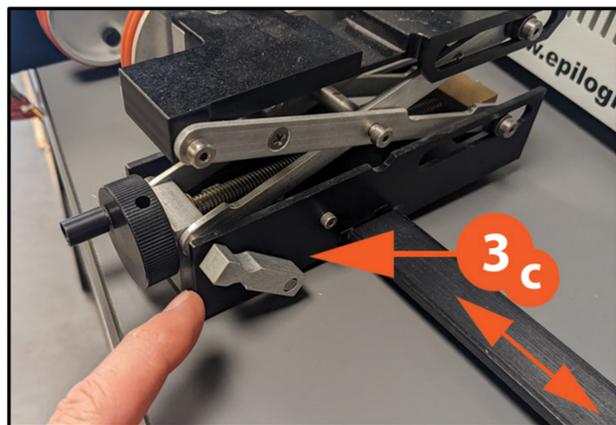


3a - Take the wire harness/plug and insert it (tab side up) into its socket at the middle/bottom/back of the laser bed area.

PS. To remove later, you just press down on the tab and pull it up.



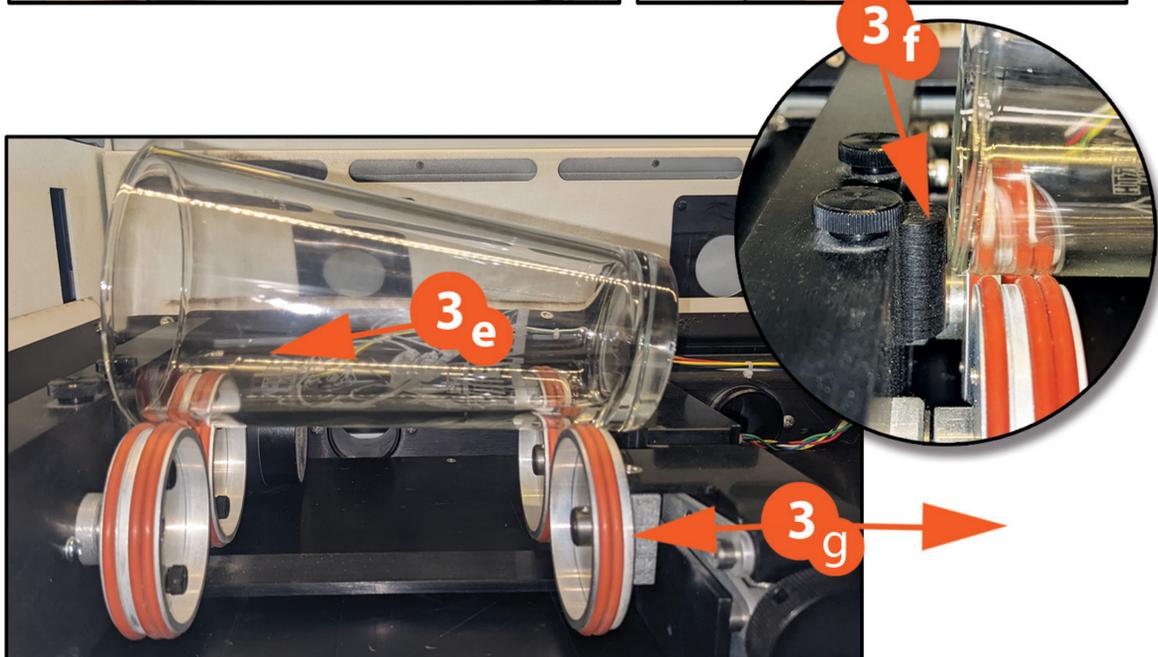
3b - Make sure the wires are clear of the rotator device.



3c - This lever locks the sliding right side roller wheels. It allows you to adjust the rollers for different size glasses.

3c - This is in the Open or unlocked position. You can slide the rollers in or out now.

3d - This is locked.

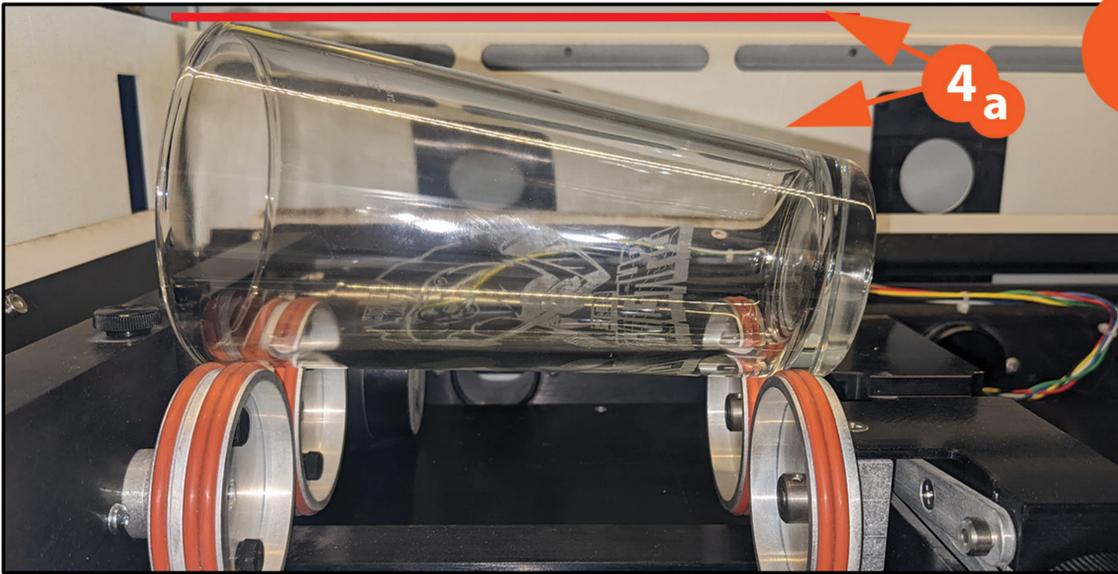


3e - Place your glass (or round object) onto the rollers.

3f - Make sure the front of the glass or round object is touching the rubber bumper.

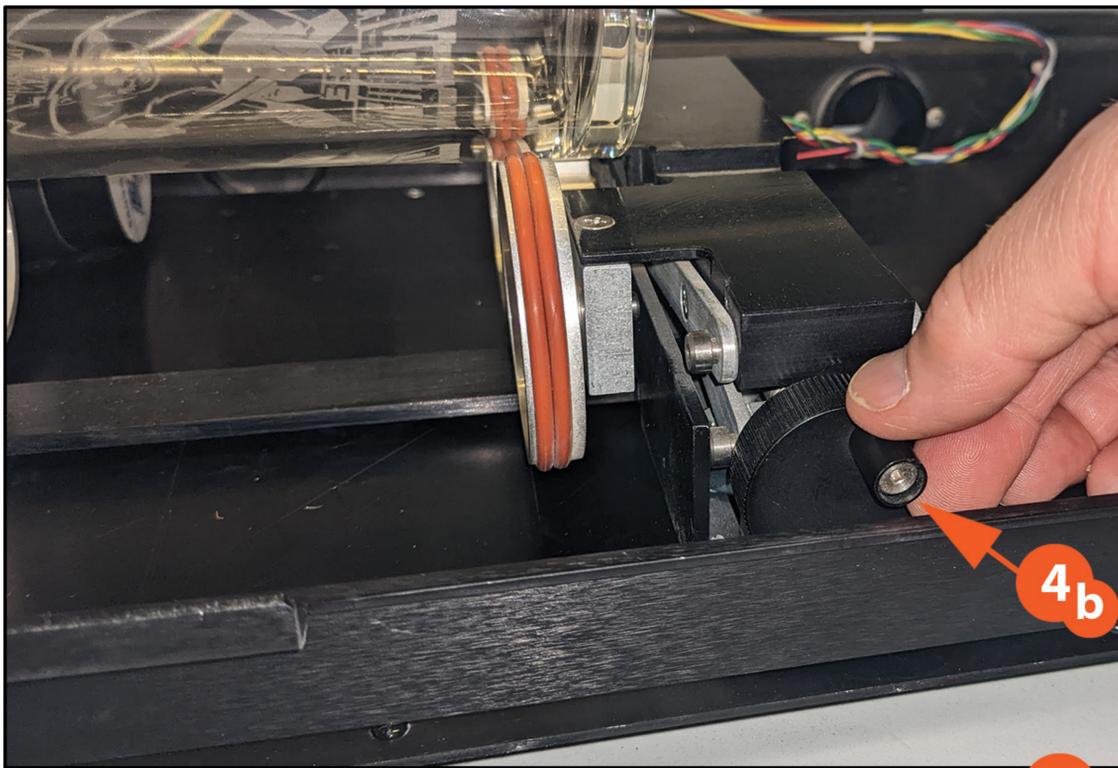
3g - Slide the right rollers to the left or right to support the glass (making sure the lever is in the unlocked position - 3d).

3d - Once you have the glass properly supported, rotate the lock lever towards the back of the machine to lock it.

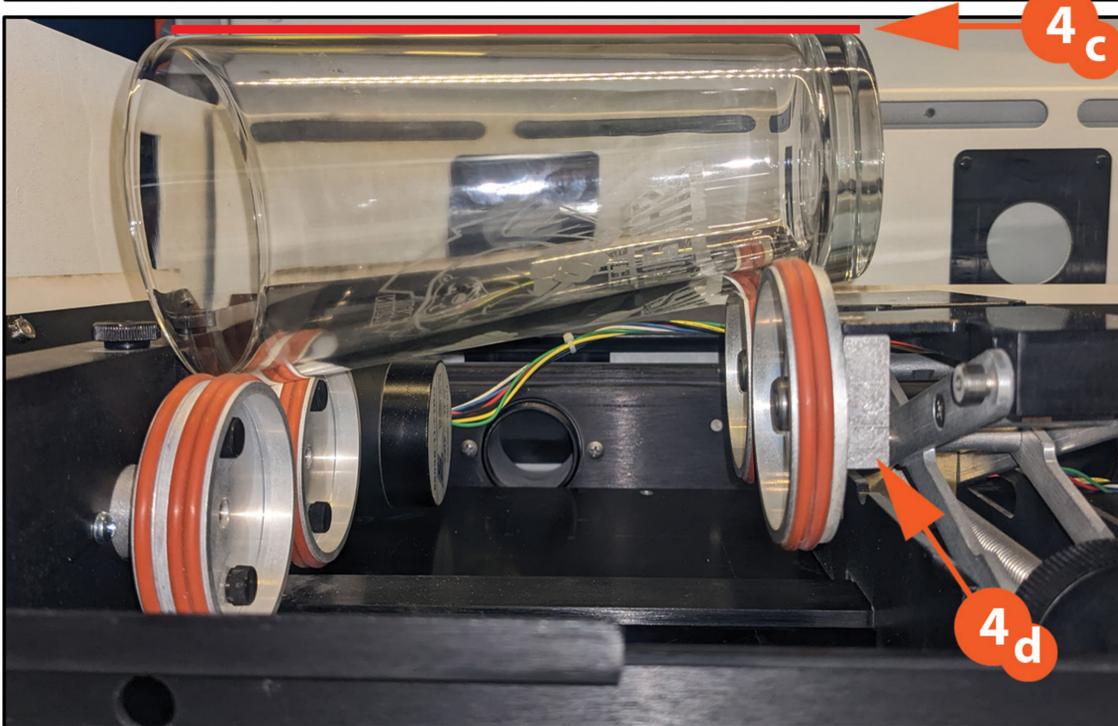


4a - You will notice (if your glass has a taper or draft to it) that your glass is on angle. I have photoshopped in a red line to represent level.

You will need to level it.



4b - To level, using the rotating knob (you can open the front door to get better access if you like), rotate the roller wheels up or down to make the area of the glass you want to engrave level.



4c - The glass is now level in this photo. You can see it is level with the red line now.

4d - You can also see that the right rollers are a lot higher up now.



5

5a - Turn on the compressor that is located behind and to the left of the Epilog.

5b - Turn on the fan switch EF-3, that is located on the wall to the right of the Epilog.

5c - Open up (can be any drawing file) or create your file in Coreldraw.



Your file needs to be RGB.

5d - Go to TOOLS/COLOR MANAGEMENT.

5e - Choose RGB.

Your file's maximum size should be the same size as your glass.

5f - Your lines and fills should be pure Black (R0, G0, B0) for engraving.

5g - Click on FILE/PRINT.

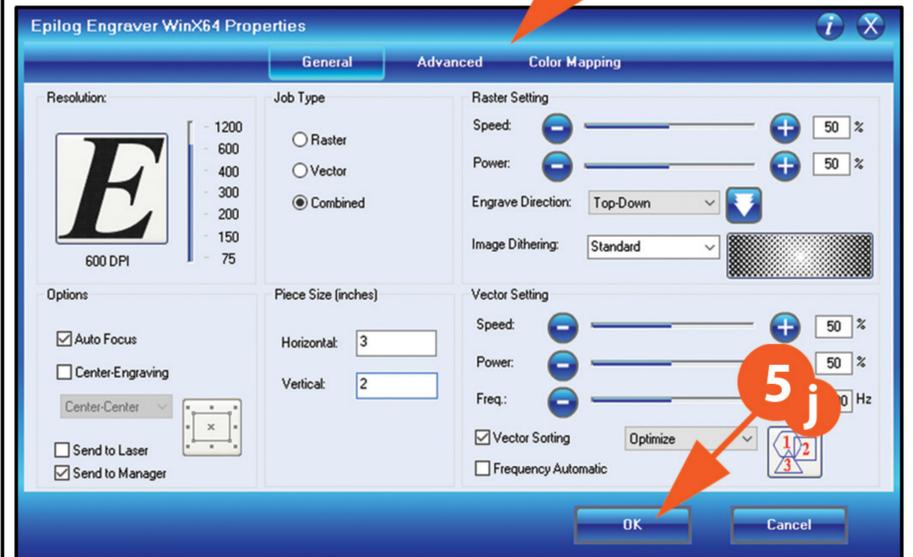
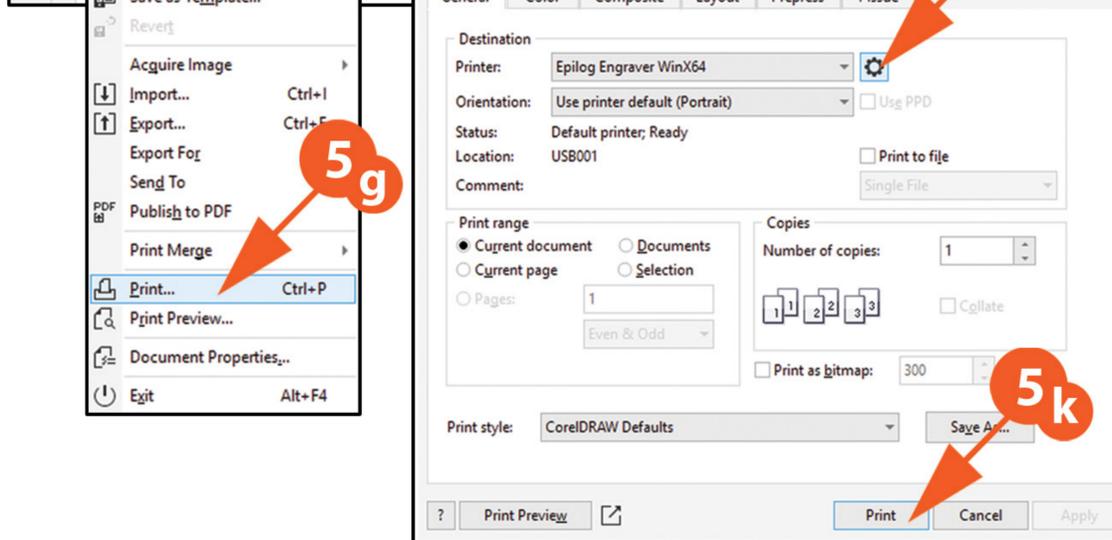
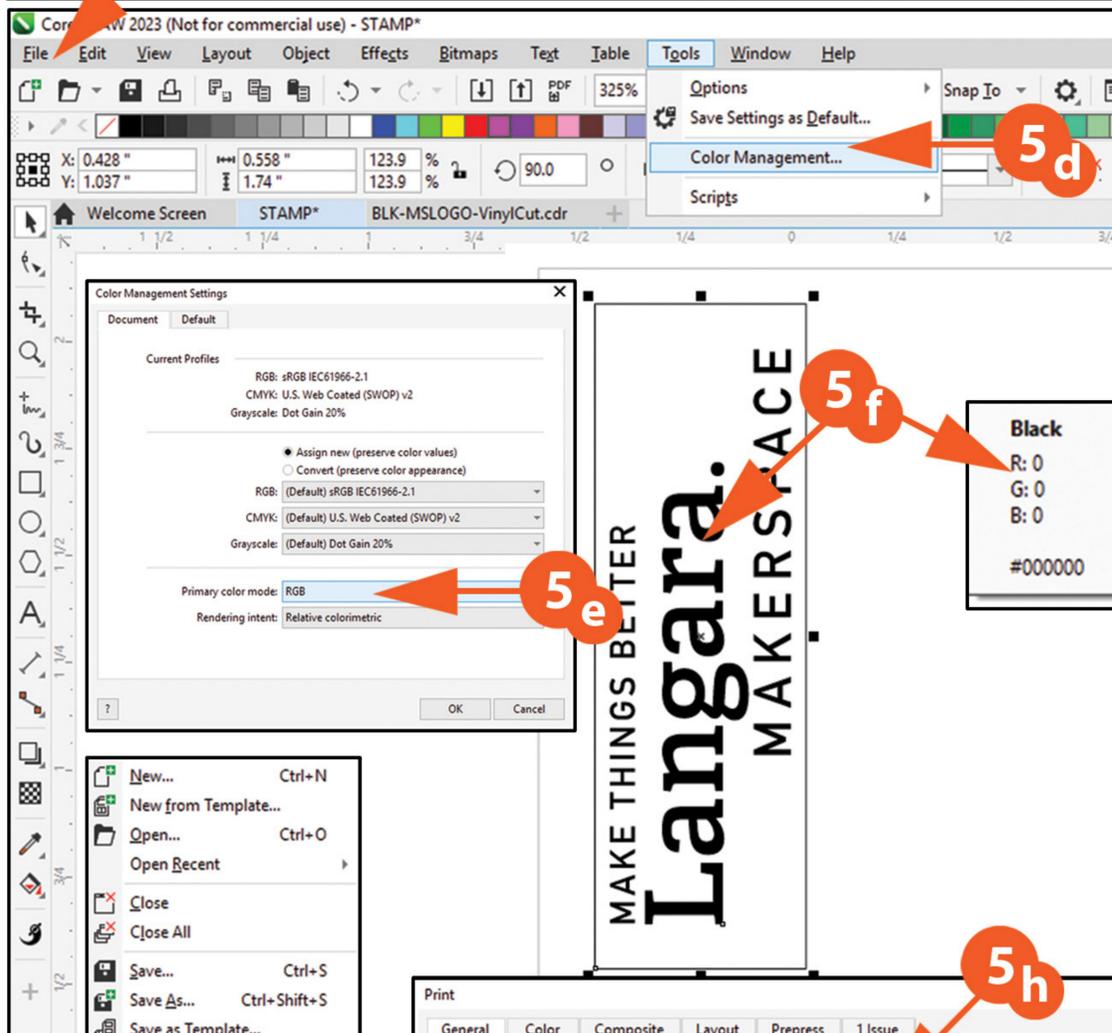
5h - From the pop-up click on the GEAR icon.

5i - From the Epilog pop-up set the following:

- Auto Focus (checked).
- Send To Manager (checked).
- Horizontal = 3" (the size of your file/art board).
- Vertical = 3" (the size of your file/art board).
- (DO NOT CHECK, Send To Laser)

5j - Click OK.

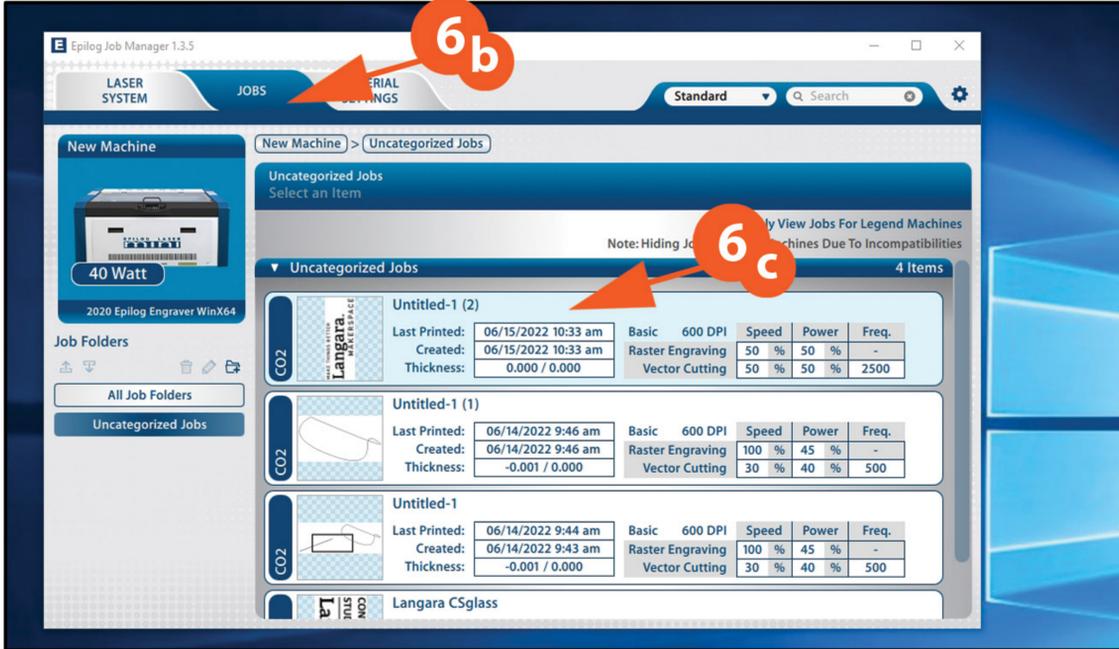
5k - Click on PRINT.





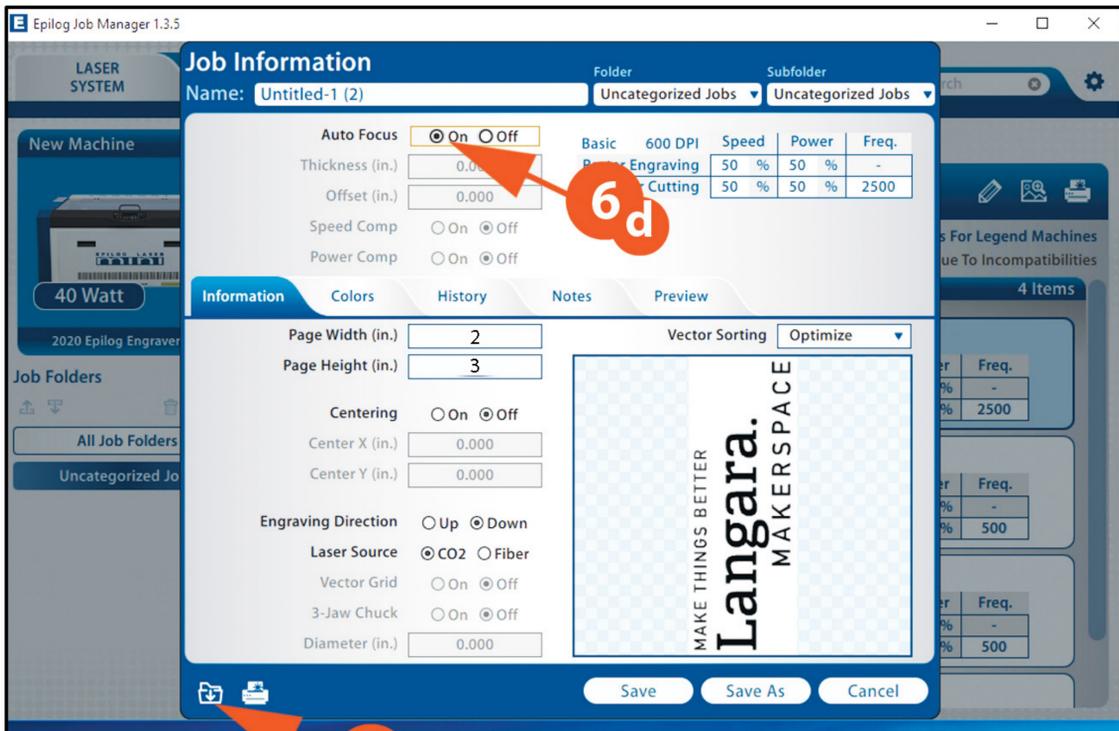
6

6a - Open up the Epilog Job Manager.



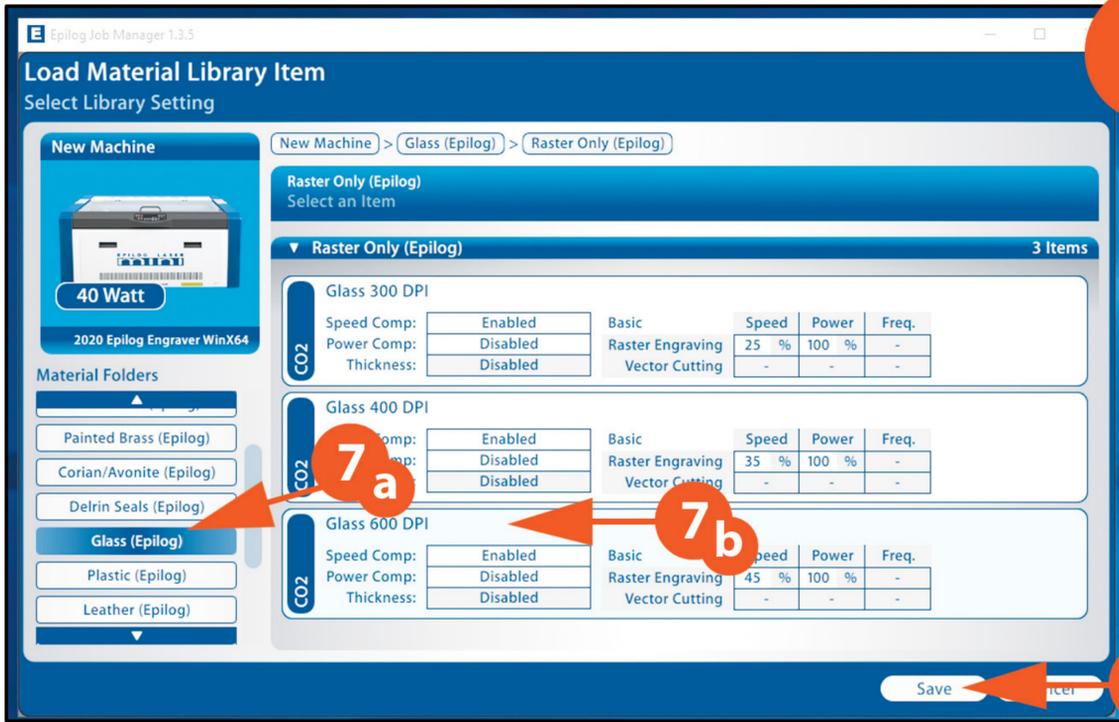
6b - Click on the JOBS tab.

6c - Double Click on your JOB.



6d - Make sure AUTO-FOCUS is on.

6e - Click on the MATERIALS icon.

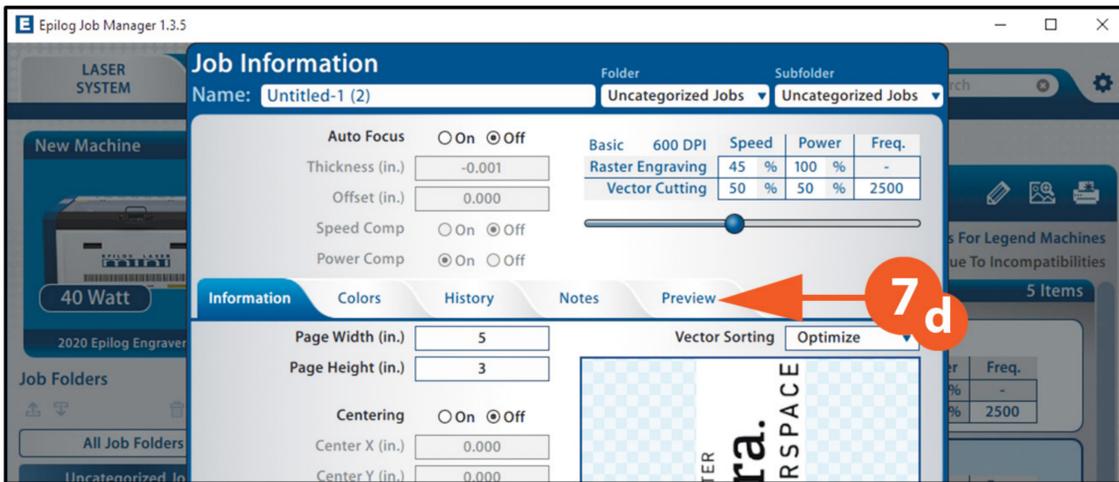


7

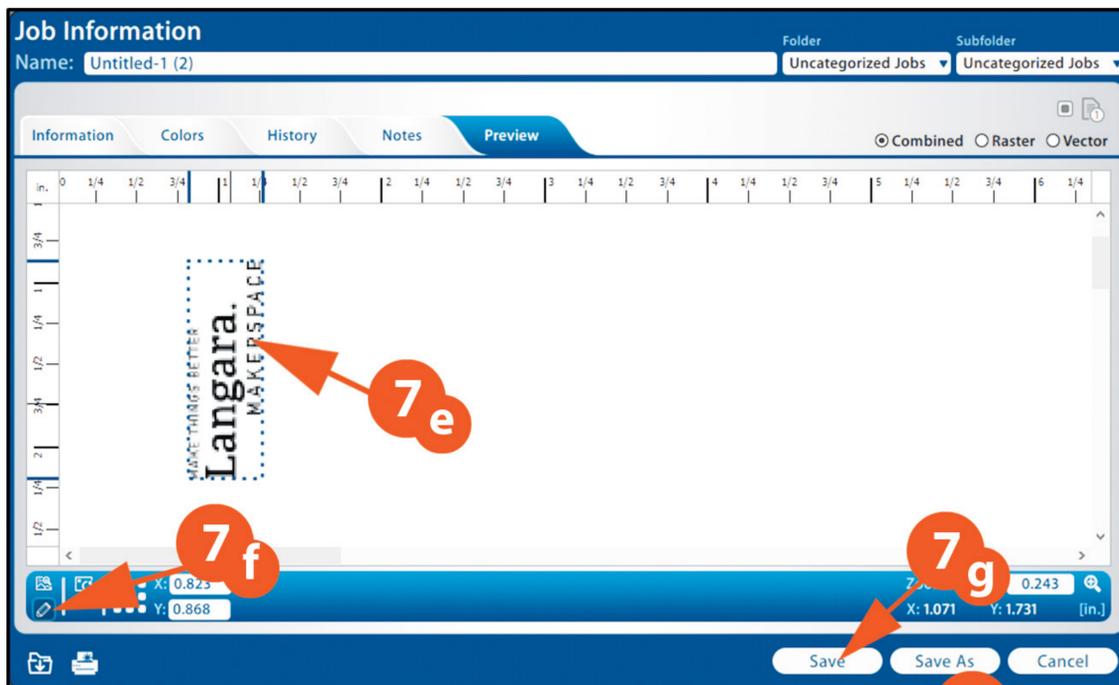
7a - Click On GLASS under the MATERIALS FOLDER.

7b - Click on Glass 600 DPI.

7c - Click on SAVE.



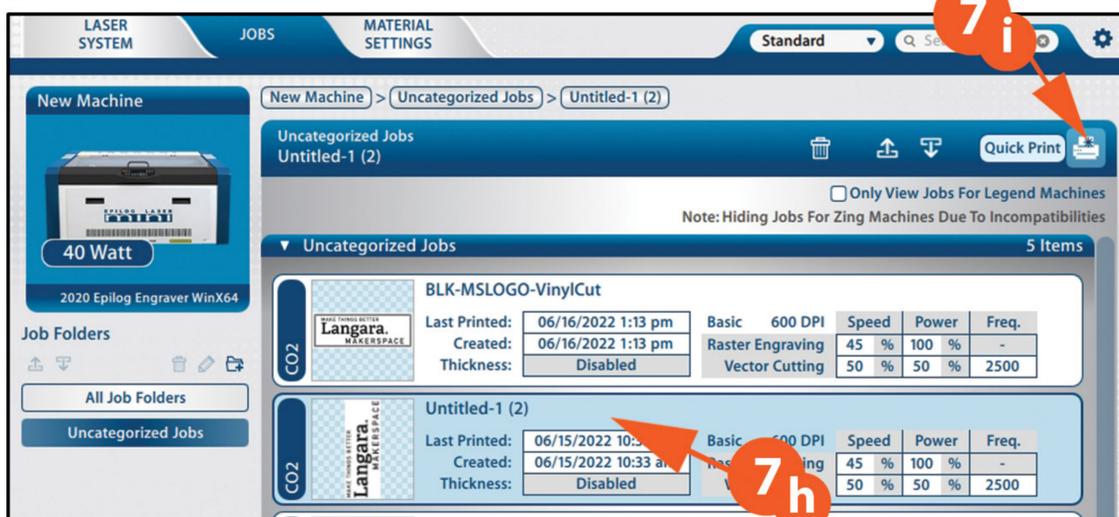
7d - Click on the PREVIEW tab.



7e - Make sure your graphics are in the correct area for the glass.

7f - Click on the PENCIL icon if you want to adjust/move the graphics.

7g - SAVE.



7h - Make sure your JOB is highlighted (should be cyan blue).

7i - Click on the PRINT icon.



8

8a - Your Job should now be on the screen of the Epilog Laser.

Make sure the lid is closed.

8b - Click on GO.



8c - If the laser starts and is in the wrong location, immediately press the **STOP** button.

Then delete your file on the Epilog. Adjust it in Epilog Job Manager and send to print again.

