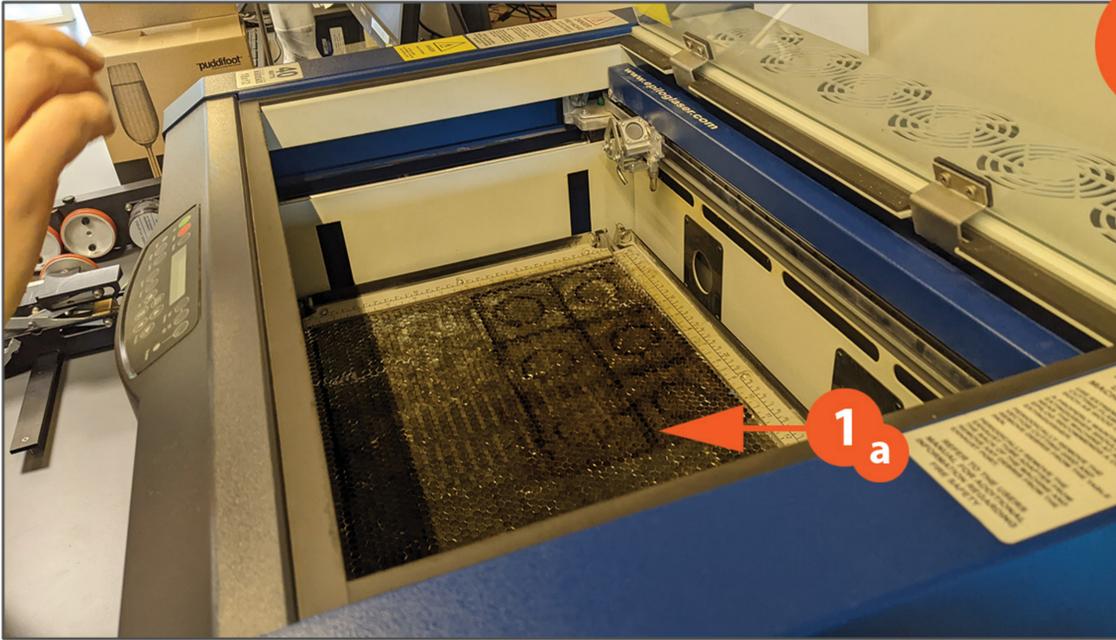


HOW TO LASER ENGRAVE & CUT WITH THE EPILOG LASER MINI

Version V2

November 20, 2024

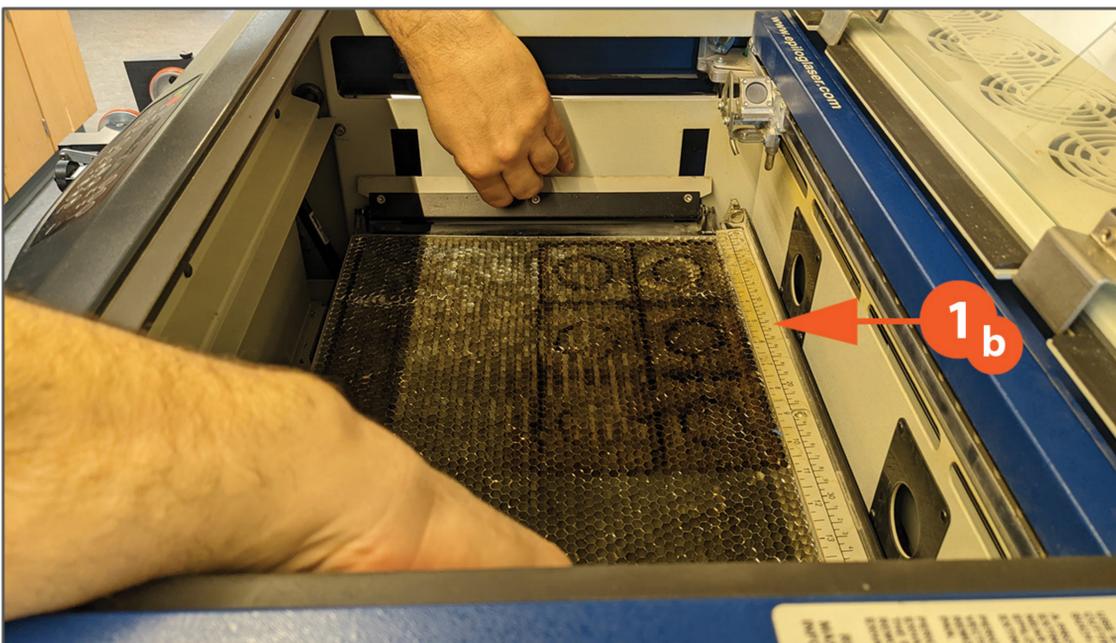




1

For Cutting & Engraving:
Wood, cardboard & plexiglas.

1a - Make sure the honeycomb bed is in the laser.

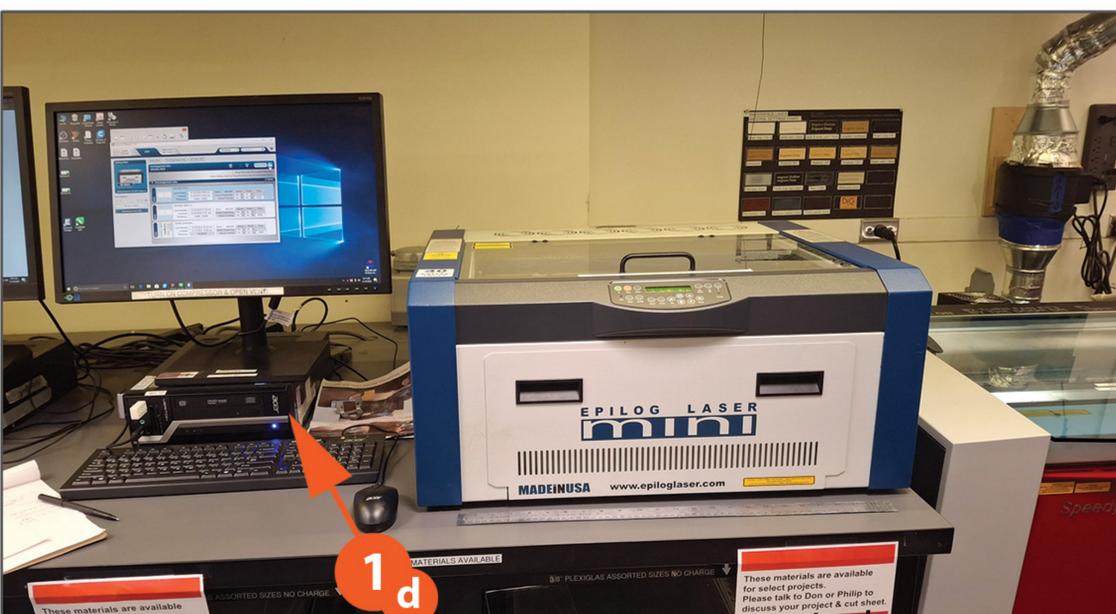


1b - Lift up the "ruler" side and end plates to install or take out.

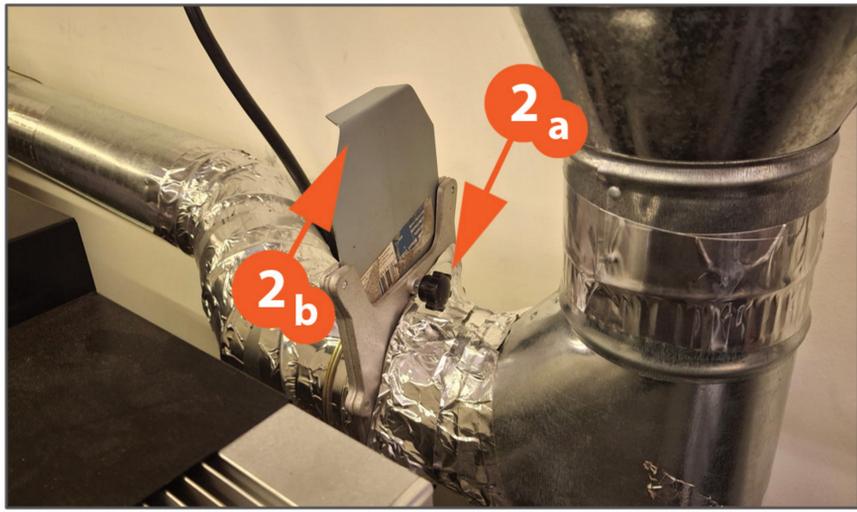


IMPORTANT POWER UP ORDER

1c - **Turn On** the **Laser** FIRST.
The power switch is on the left side,
near the back, at the bottom.



1d - Then turn on the PC.

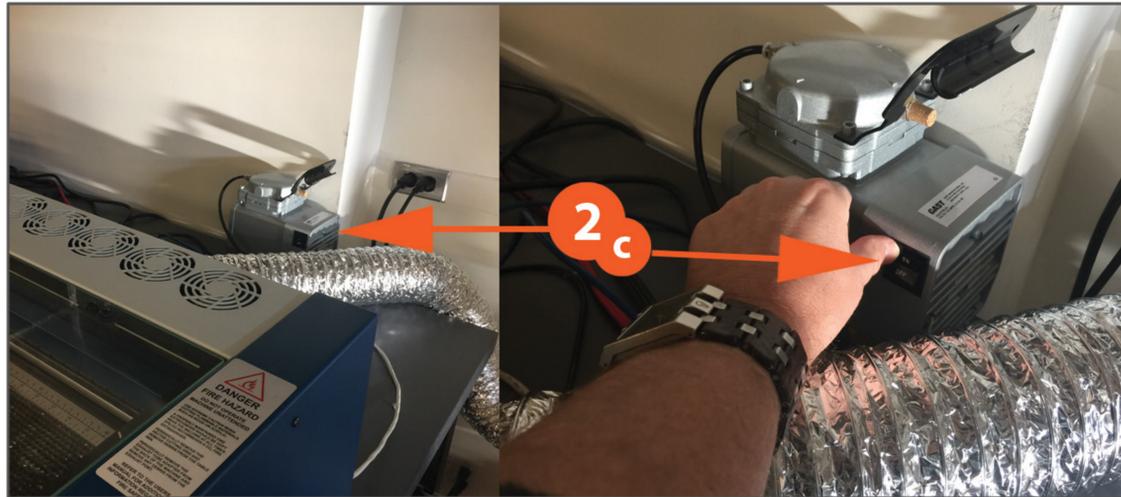


2

To open the air system:
Go to the duct behind the **Trotec Laser**.

2a - Loosen the Thumb Screw and...

2b - Slide the **Gate** up. Then tighten the **Thumb Screw**.



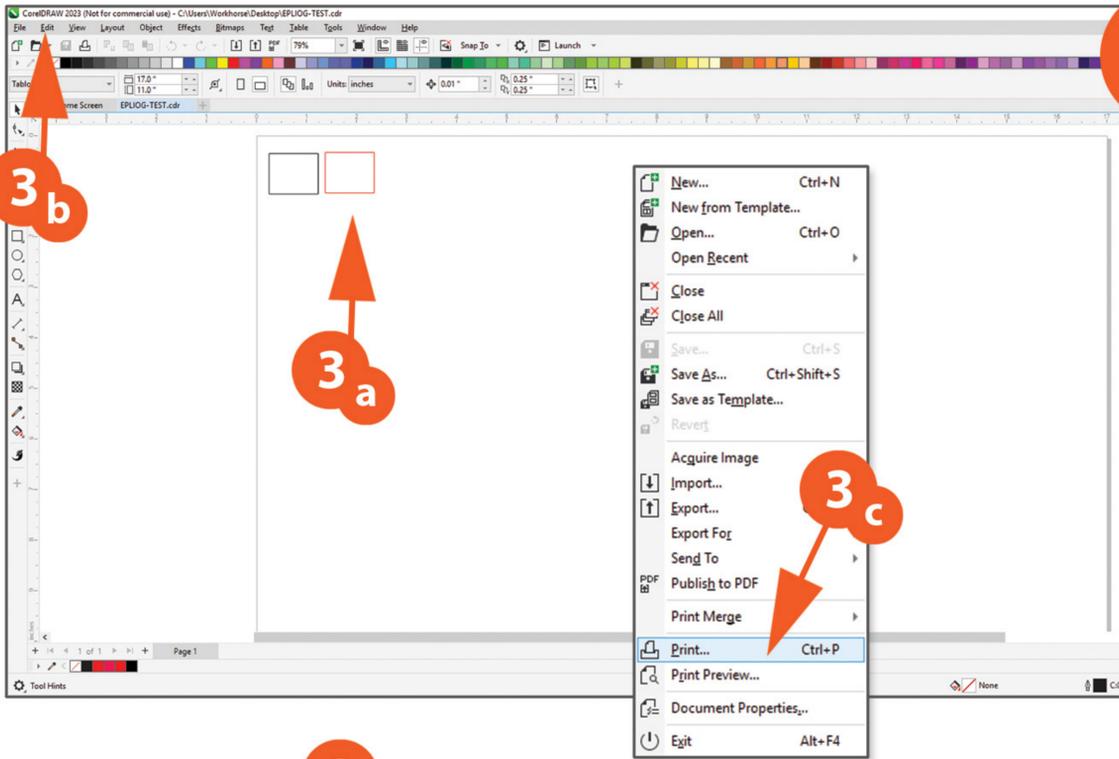
2c - Turn on the **Compressor** that is located behind the Epilog.



2d - Turn on the **Fan Switch /Power Bar AIR2**, that is located on the wall behind the **Trotec Laser**. This will start up the Turbo Fan & the lights will go on over the **Epilog Laser**.



2e - Turn on the **Fan Switch Air 1/EF-3**, that is located on the wall to the right of the **Epilog**, by the doorway. This will start up the **Roof Fan**.



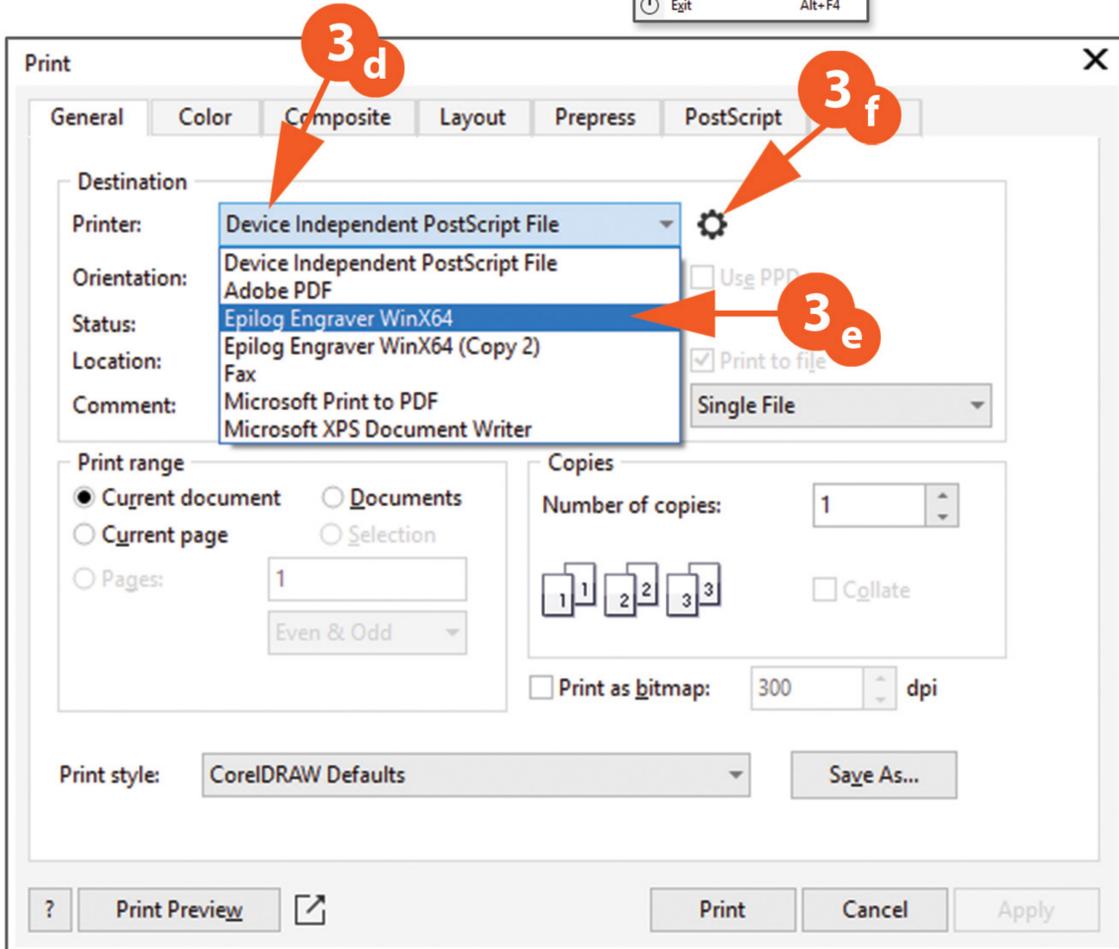
3

3a - Open your drawing file in **Corel Draw**. It can be any drawing file like Adobe Illustrator, or even a DXF file. You could also make a drawing in **Corel Draw**.

The **Maxium Size** for the **Epilog Mini Laser** is **18" wide x 12" high**.

3b - Click on **File...**

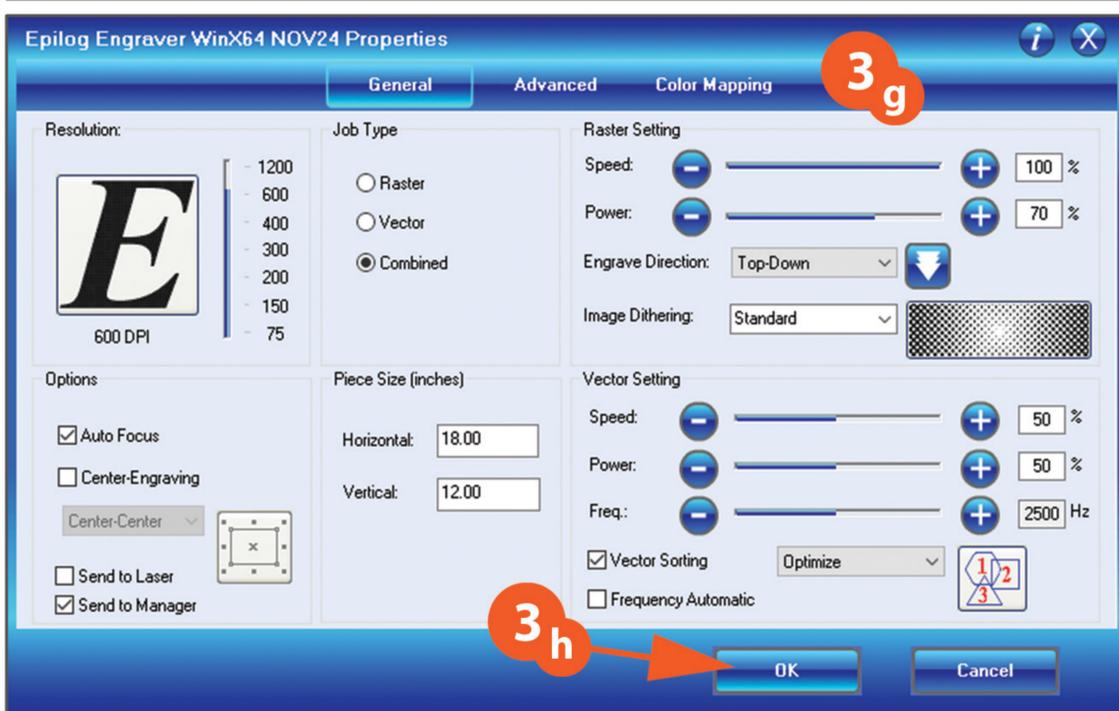
3c - From the Pop-up, click **Print**.



3d - From the Pop-up, Click on the **Printer:**

3e - Select the **Epilog Engraver WinX64** driver.

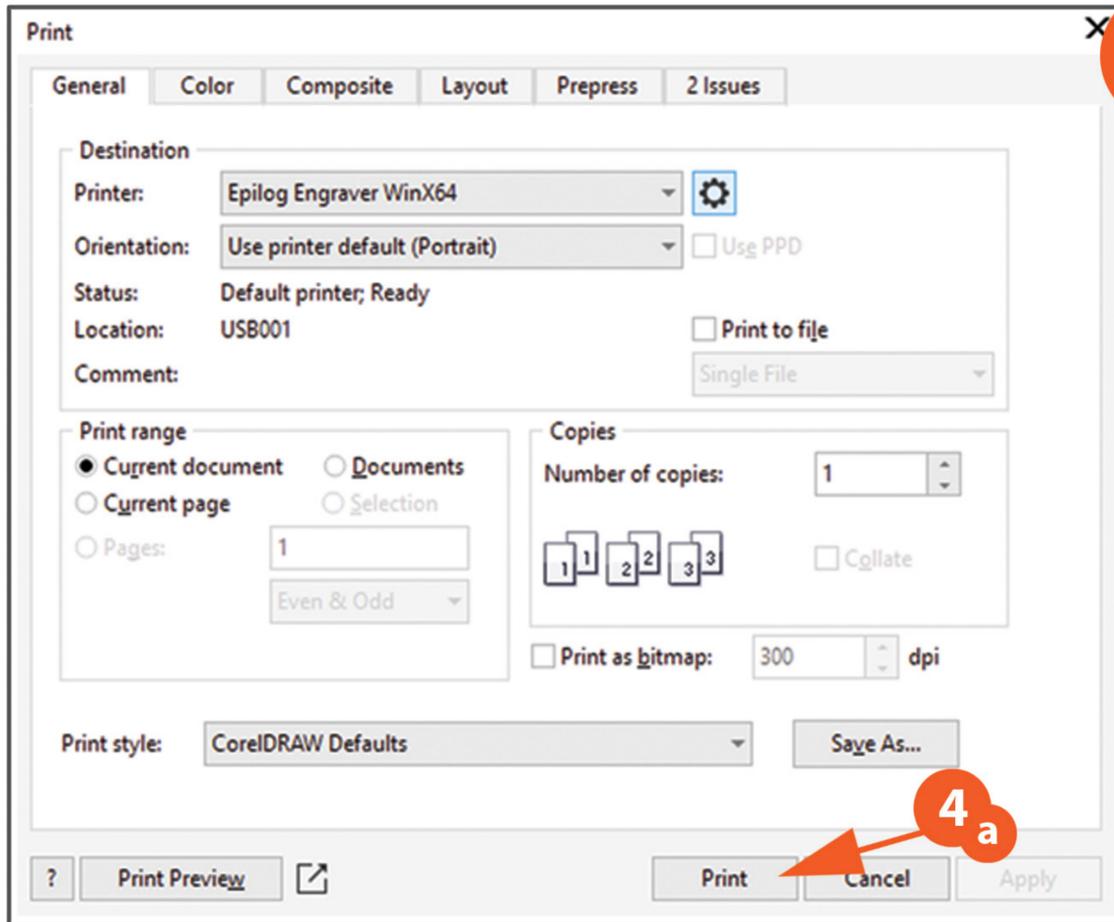
3f - Click on the **Settings Icon**.



3g - On the **Epilog** pop-up choose the following:

- Auto-focus
 - Send to Manager
 - Piece Size 18" x 12"
 - Raster/Speed 100% (for millboard)
 - Raster Power 70% (for millboard)
 - Vector/Speed 50% (for millboard)
 - Vector Power 50% (for millboard)
 - Make sure all other check circles are blank
- See Page 5 for other Materials Settings.**

3h - Click the **OK Button** to save the settings.



4

4a - Click on the **Print** button.

4b - In **Job Manager**, click on the **Jobs Tab**.

4c - Click on your **Print** (there maybe other prints listed).

At this point, if you are using a different material than 1.5mm Millboard, Please go to Page 5, for selecting & changing Materials.



4d - Click on the Print Icon.



4e - On the Epilog Laser Screen, you should now see your job/print.

If you do not see your job, talk to the Tech.

Please proceed to page 6, unless you want to change the material, then go to page 5.

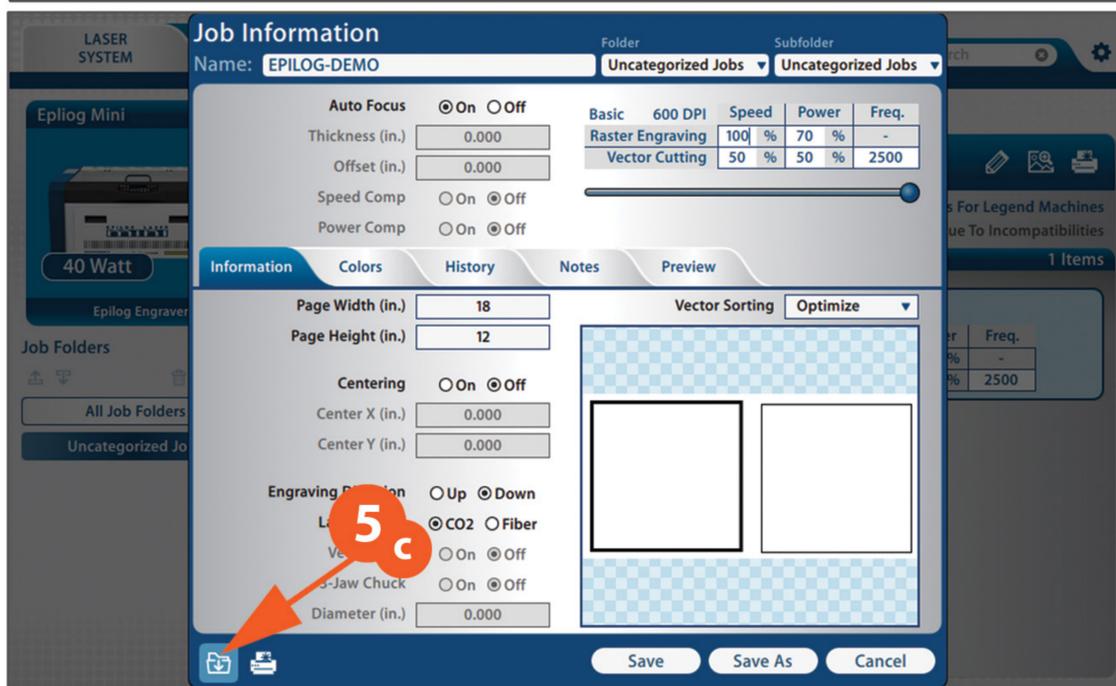


To change the laser and your file to engrave & cut a different material (otherwise proceed to page 6).

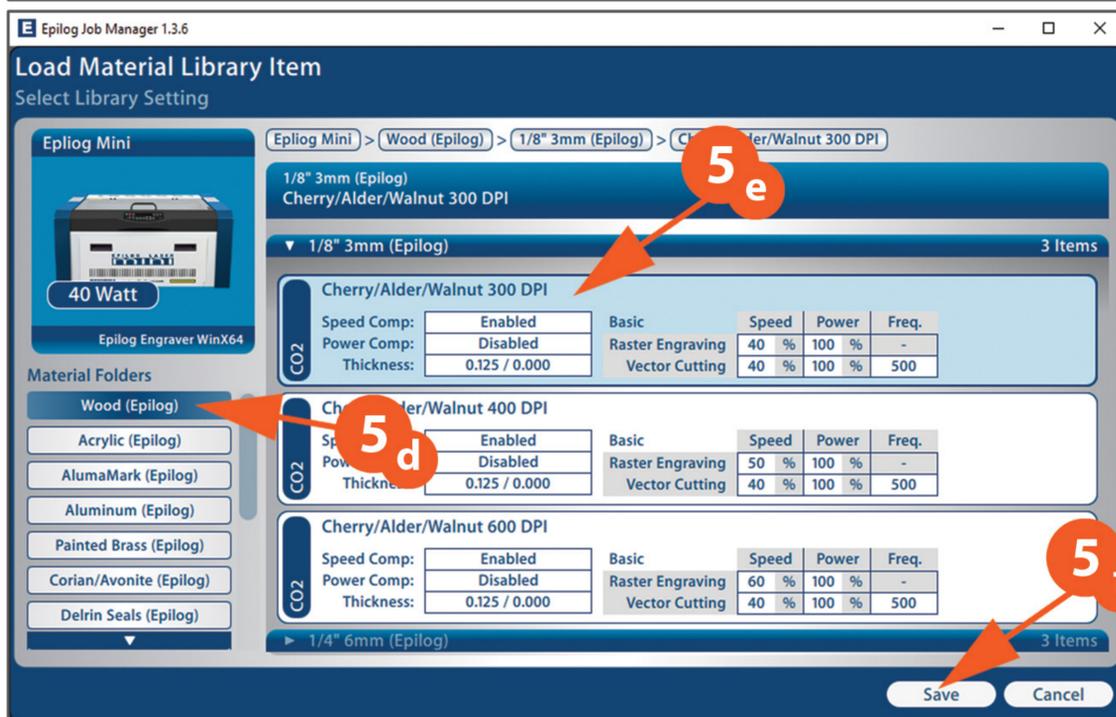
Once your file has been sent to Epilog Job Manager from Coreldraw...

5a - Go to the **Jobs** tab.

5b - Double click on your job.



5c - Click on the **Folder Button**.

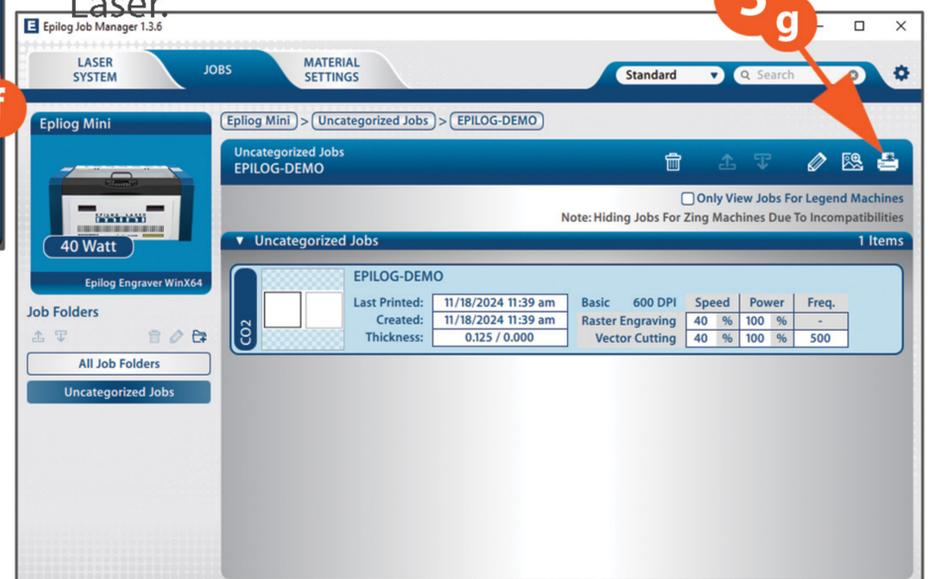


5d - On the List on the Left side, click on the material you want to use.

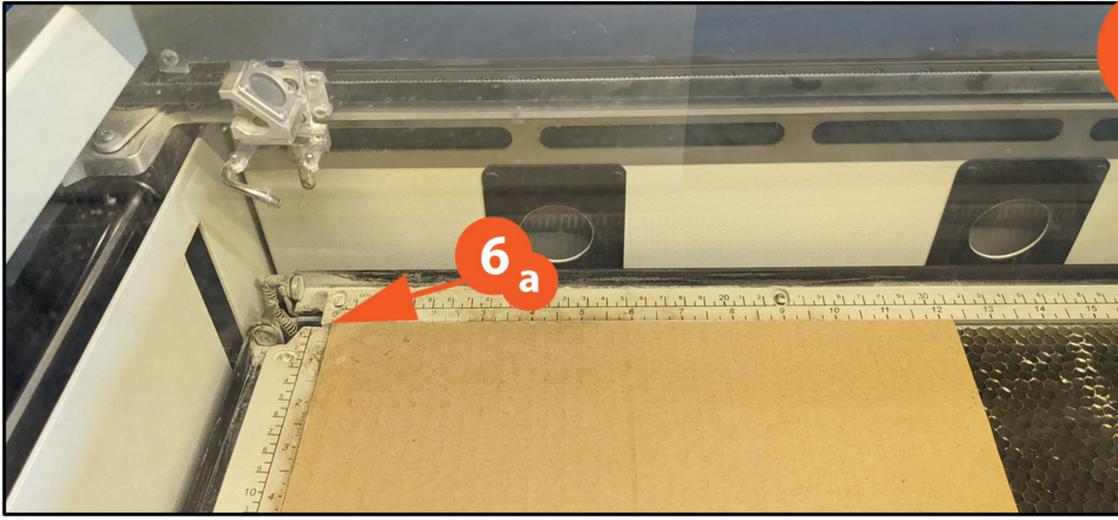
5e - Click on the specific version of the material you want to use.

5f - Click the Save button.

5g - Click on the Print Icon to send it to the Laser.



6



6a - Lift up the glass top and load in your material, butting it up to the rulers on the left top edge.

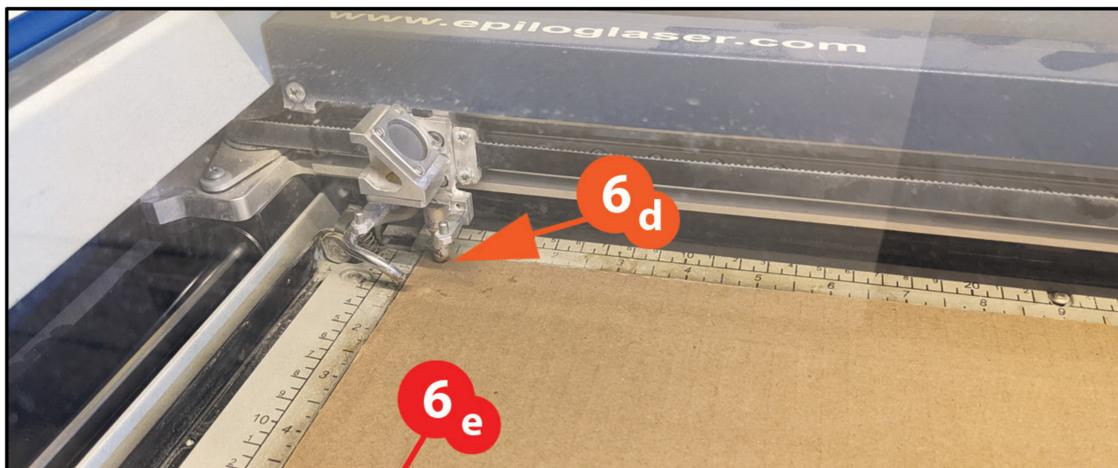
Make sure your material is lying flat, and is not up on the rulers anywhere.

Double check:

- The fan is on
- The compressor is on
- The Vent is up on the fan duct tubing



6c - Press the **Green Go** button.



6d - The bed/your material should now raise up to the laser head to **Auto Focus...**

6e - If it does not **Auto Focus**, but instead starts the laser process, **Press Stop** and talk to the Tech.



6f - Once it completes the **Auto Focus**, the head will start any Engrave operations (moving quickly from side to side). This will be followed by any cutting operations.

Once the machine is finished, lift the glass and remove your parts.

Turn off the compressor, the fan and close the vent. Delete your file.