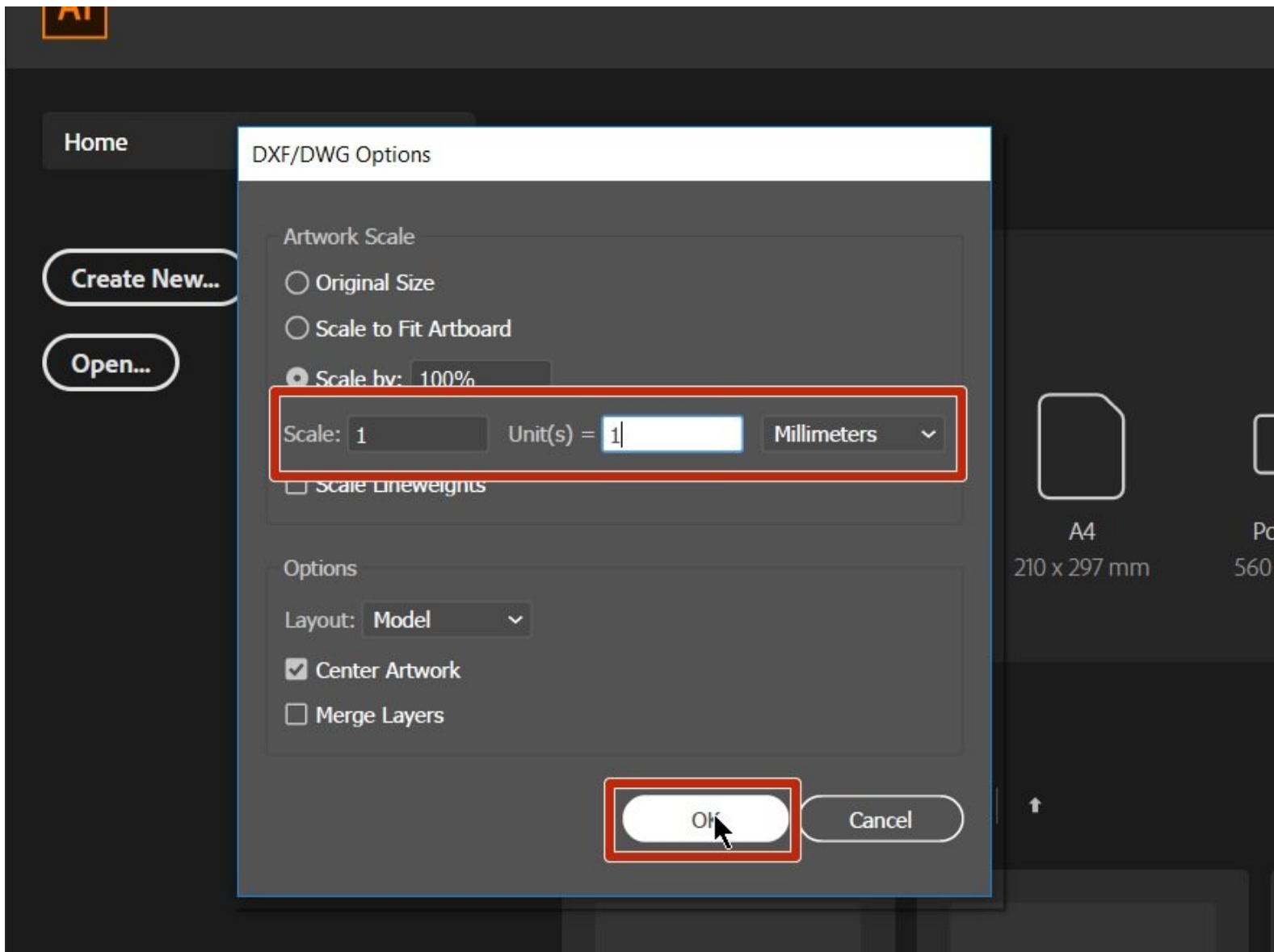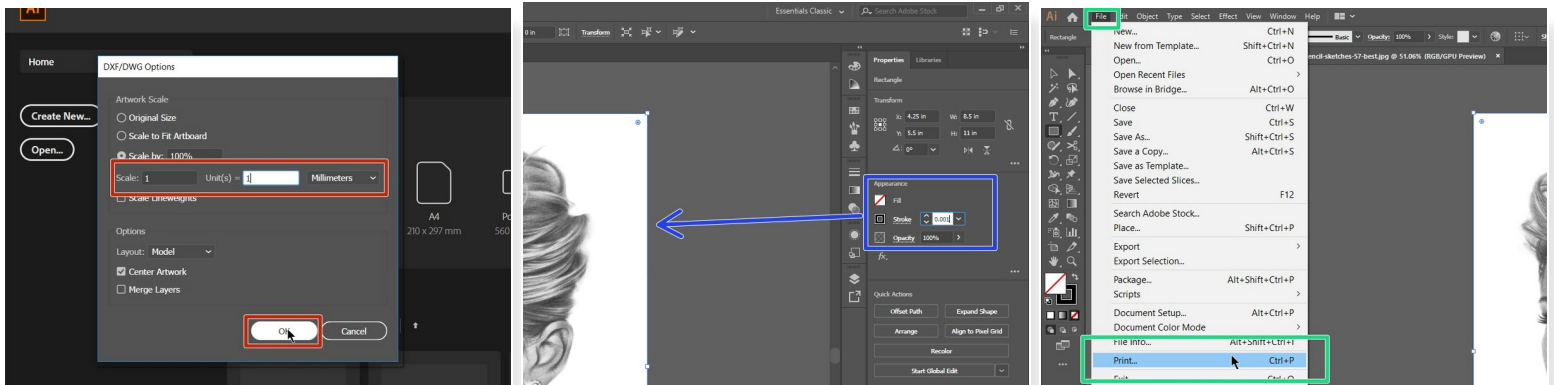# Adobe Illustrator: Preparing Files for the Epilog

Setup Adobe Illustrator to engrave and cut materials on the Epilog Fusion M2 Laser.

Written By: Andrew James Gregory

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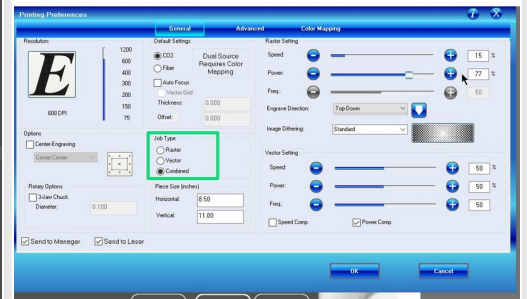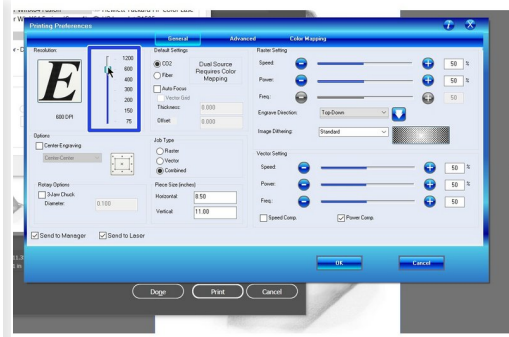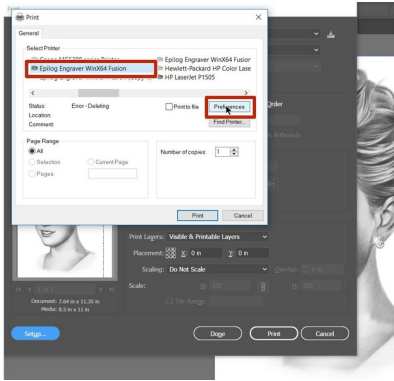## Step 1 — Adobe Illustrator set up for Epilog laser

- Open your .dxf or .dwg file in Illustrator. Make sure you select the correct scale your file was drawn, inches, mm, and set the scale as **1=1**

- Select/click on any lines that are to be cut lines, and change the stroke to .001 . There should be no infill and the opacity should be 100%

  ⓘ Anything that is not **.001** will be rastered/engraved

- In order to send your print to the printer. Select **File** then select **Print**

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Step 2 — Selecting the Epilog as Printer
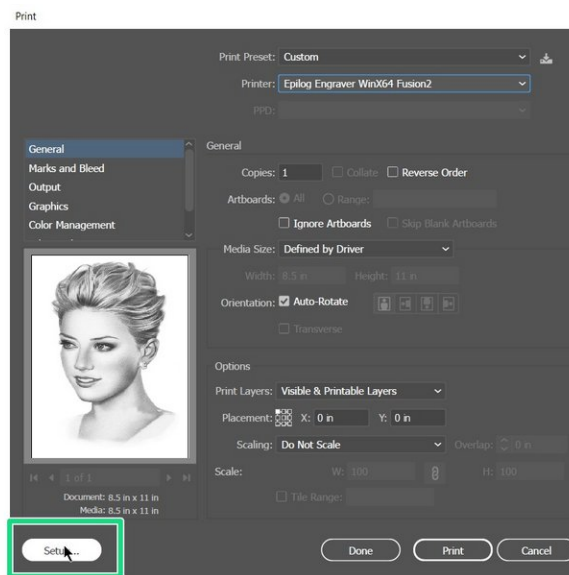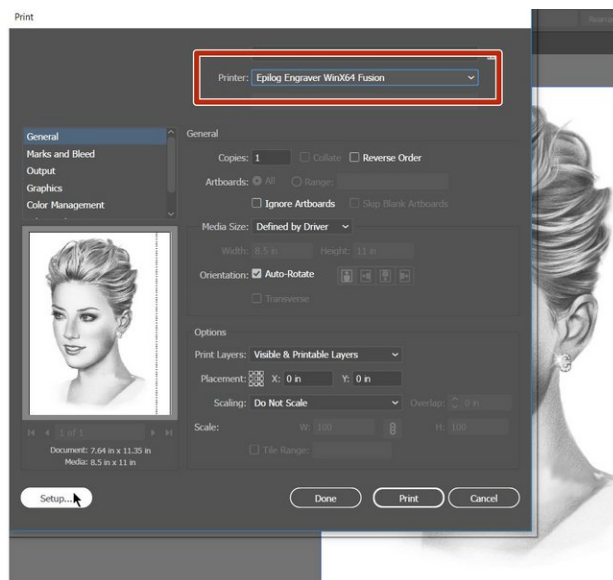
- When you are on the print screen be sure to select the **Epilog** as your printer

- Now select the **Setup** button in the lower left corner. This opens up an additional menu

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Step 3 — Epilog Print Properties

- Double check that the Epilog printer is selected and click on the preferences button

- Epilog controls page will now be open. Select the Dpi for your project

- (i) The higher the Dpi the better the resolution. This will also affect the print time. 600 Dpi is usually a good compromise

- Select the job type. **Raster** (engraving), or **Vector** (cutting), or **combined**

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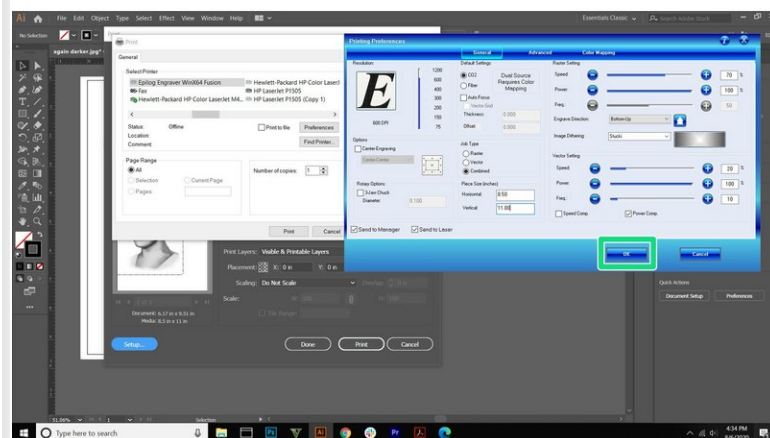
Step 4 — Printer Properties
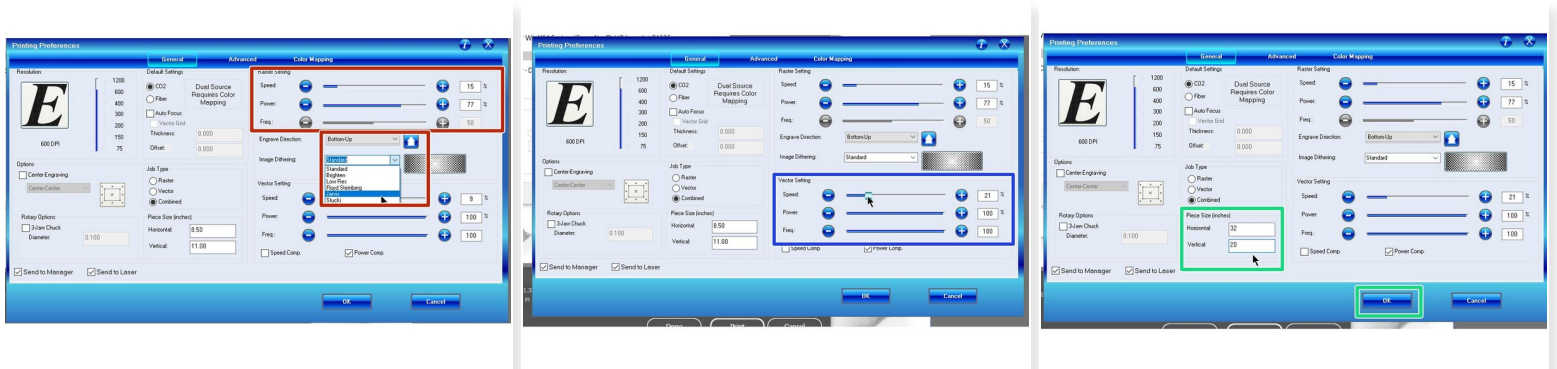
- If you are rastering your job, you will need to adjust the speed and power setting according to the chart. You should also adjust the image dithering to **Jarvis** or **Stucki** for best results.

- When cutting material you will need to adjust the speed, power and frequency according to the materials chart.

- Be sure to change the size to 32" horizontal and 20" vertical to match the cutting bed size of the Epilog.

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Step 5 — Speed and Power Settings

- This chart should be used as a reference for speed and power for each material approved for use on the Epilog. Only materials on this chart can be used on the Epilog.
  - ⓘ For reference this chart can be found on page 197,198 in the Epilog manual. https://www.epiloglaser.com/assets/downl...
  - 📌 There is a hard plastic copy of the recommended materials list with settings on the Epilog.
- ⓘ Sometimes you will have to fiddle with the exact speed and power settings to get ideal results
- Click the **OK** button when all your setting are finalized

Step 6 — Placement of Print
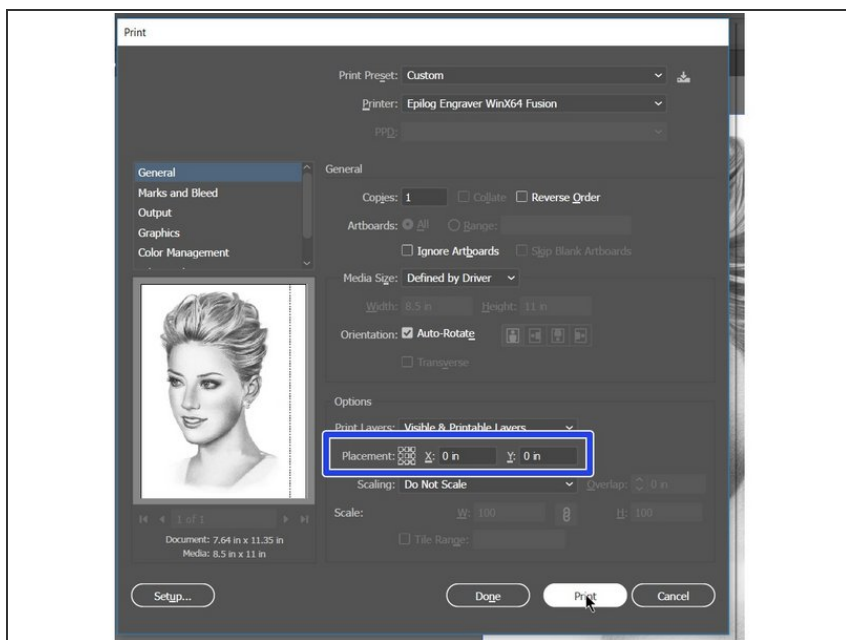
- Check that the X=0 and Y=0 placement. You can also click the top left corner of the little hashtag pattern #.
  - This will allow us to line up the top left corner of the file with the corner of the material

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