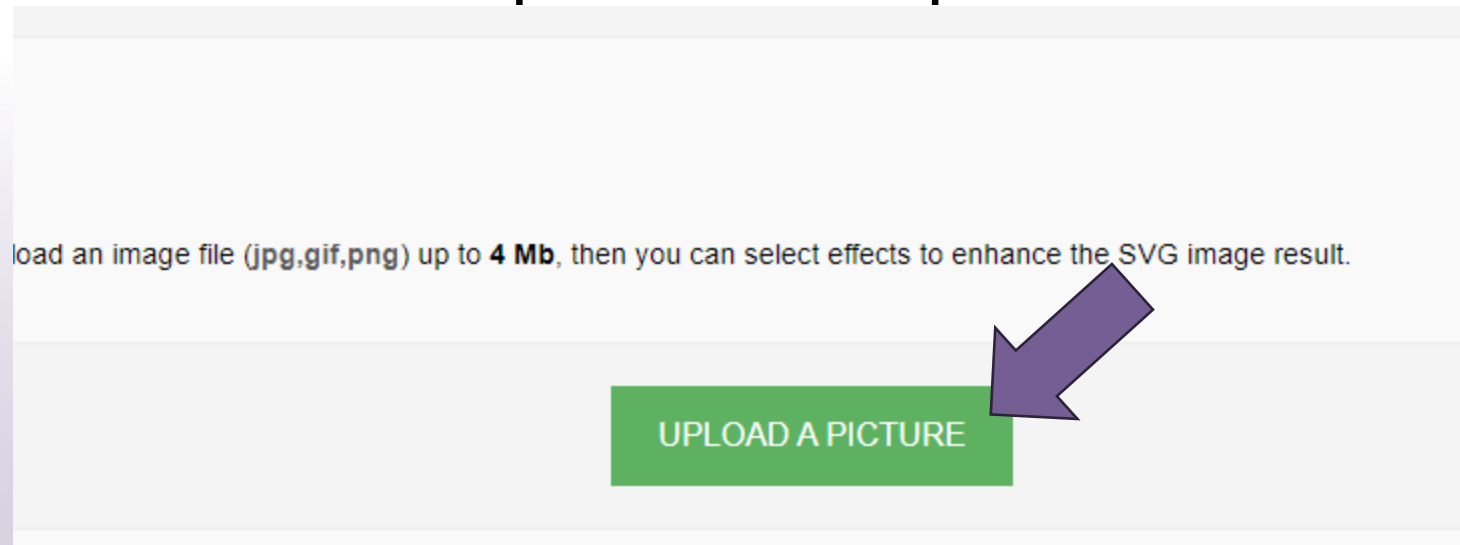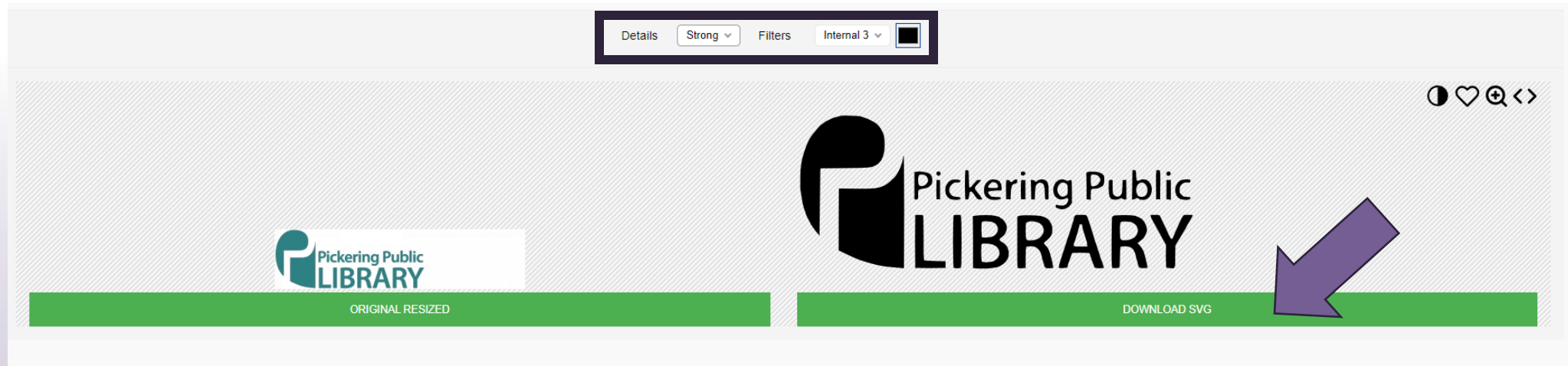# Lesson 3

Graphtec Pro Studio

Tracing an Image

- If your file is an image file like a JPG and PNG, Graphtec Pro won't know how to cut it out

- You can vectorize your image by uploading your image to a conversion website such as picsvg.com and downloading the SVG file it creates to import into Graphtec Studio Pro

load an image file (jpg,gif,png) up to **4 Mb**, then you can select effects to enhance the SVG image result.

UPLOAD A PICTURE

Tracing an Image

- After uploading your image, you can adjust the details and filters until you get a result close to what you want

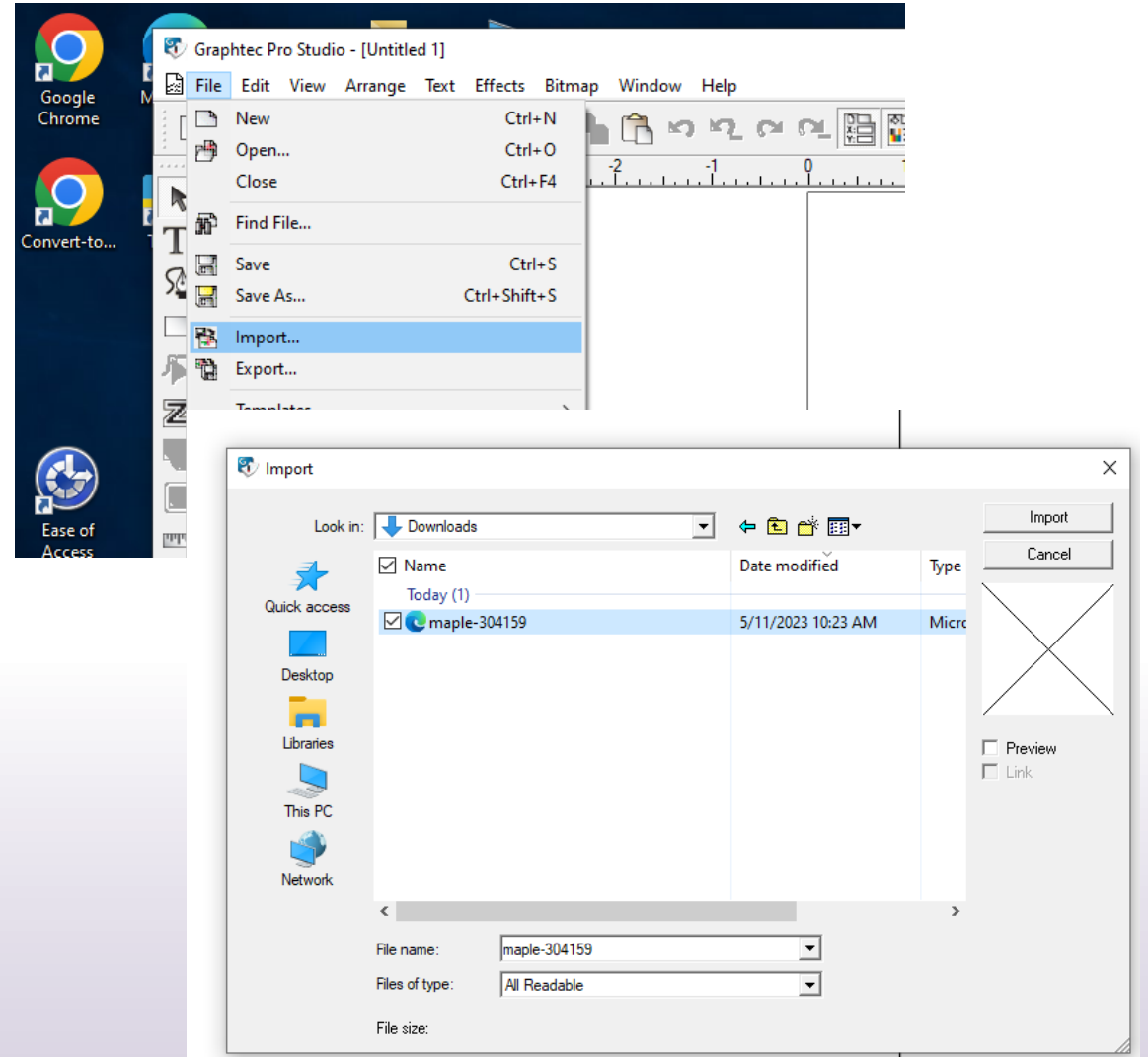- Click "Download SVG" to download the converted file to import into Graphtec Studio Pro

Opening the Program

- The software the Vinyl Cutter uses is Graphtec Pro Studio

- You can import your vector file (eg. SVG or EPS file) into this program and then send it to the cutter

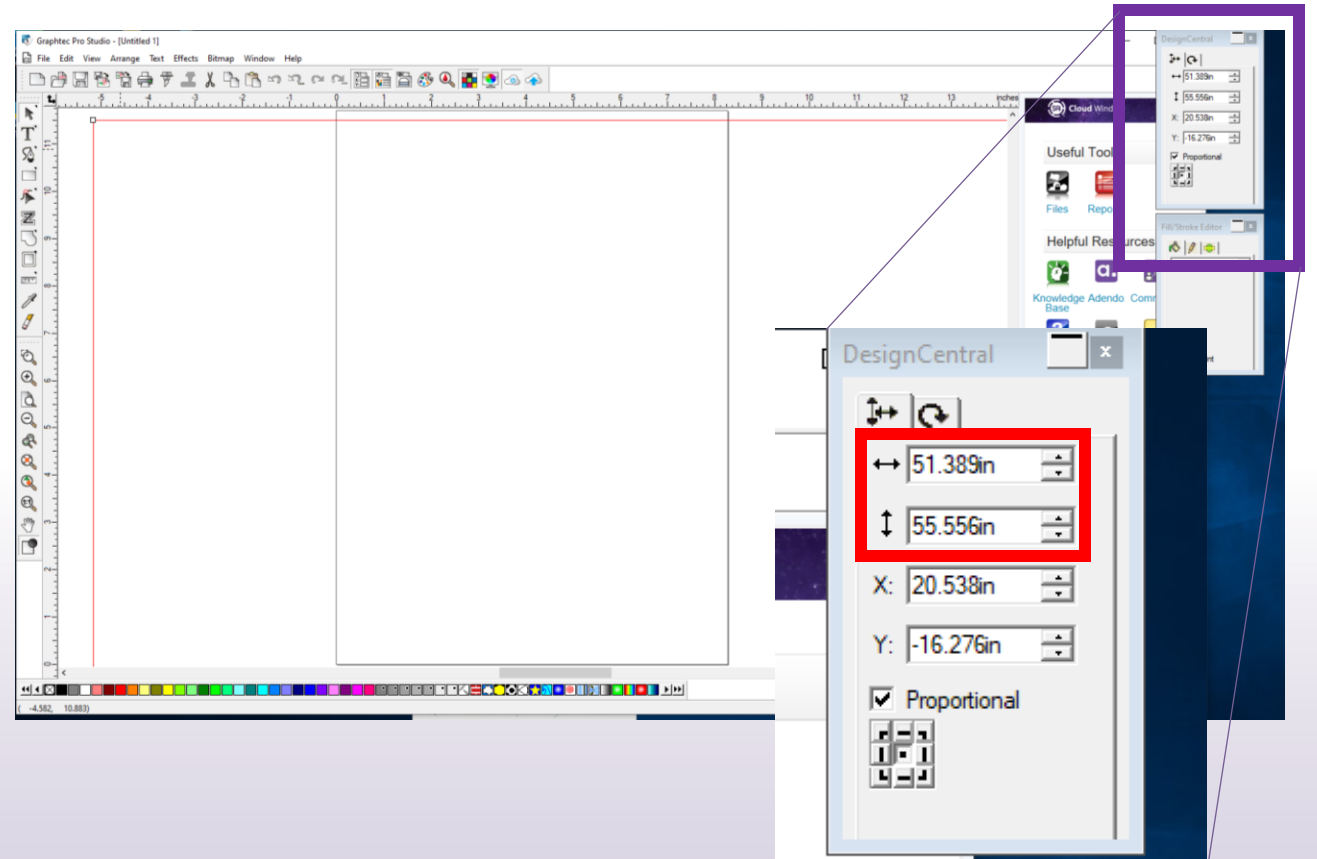- Find the shortcut on the Desktop and double click to open it

Graphtec Pro Studio 3.40

Opening Your File

- After opening Graphtec Pro Studio, click "File" and choose "Import"

- This will open a window where you can browse the computer for your vector file
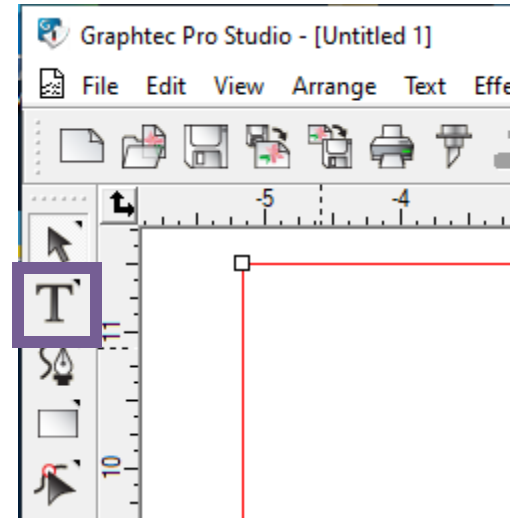
- Click on it and click the "Import" button

Adjusting Your Design

- After the file opens the file might be too big. You can change the size in the DesignCenter window in the top right.

- Measure your shirt with a ruler to get an idea of how big you want your design
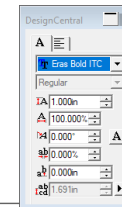
Creating Text

- If you don't have a file to import, you can create text by clicking the "T" in the toolbox on the left-hand side

- This will let you type in whatever you like, and you can change the font using the Design Center window
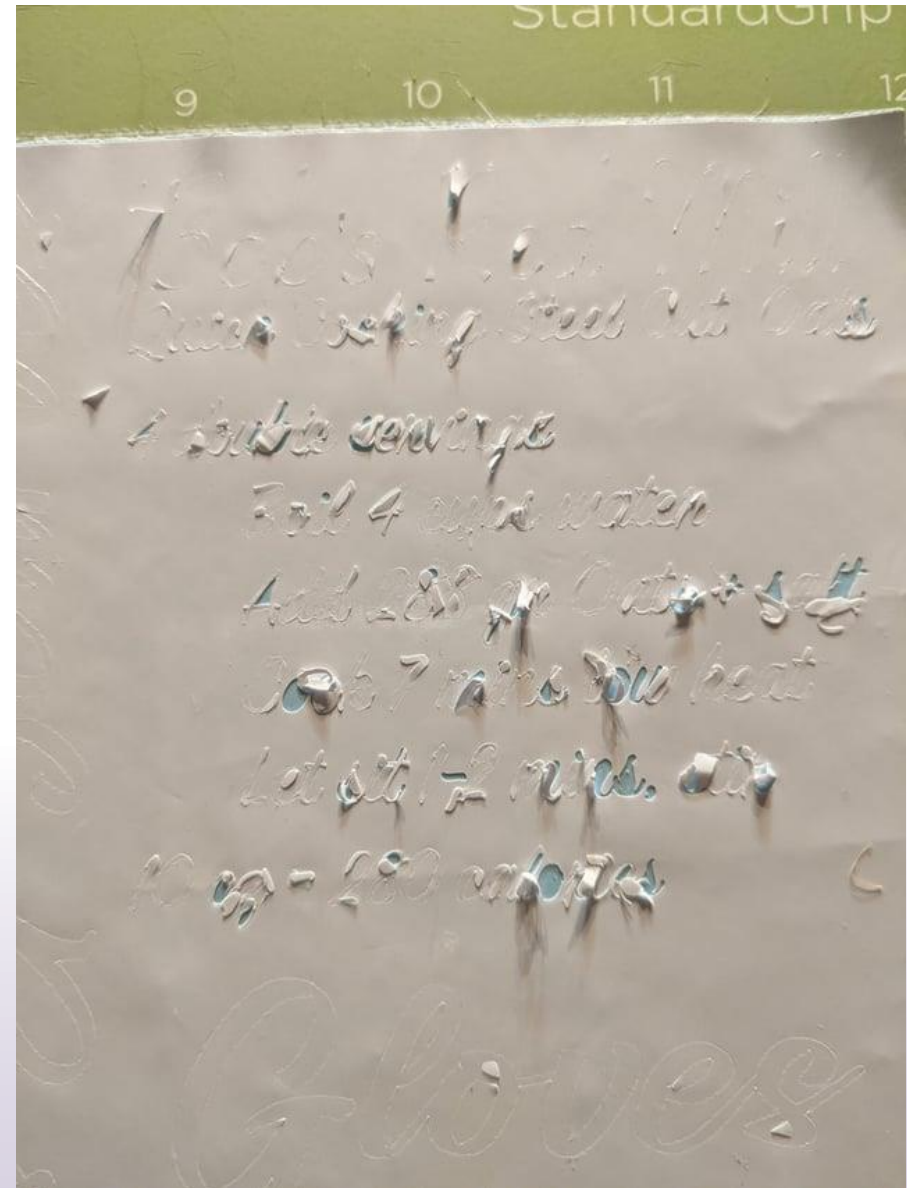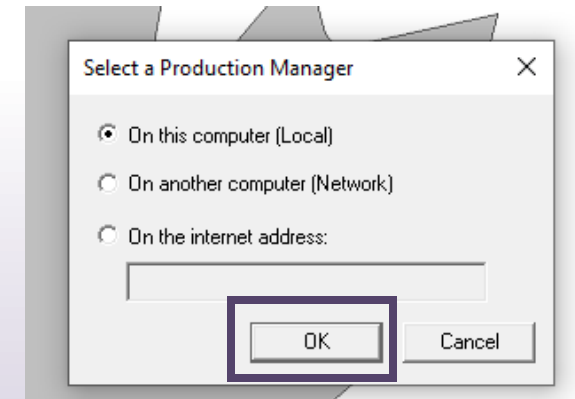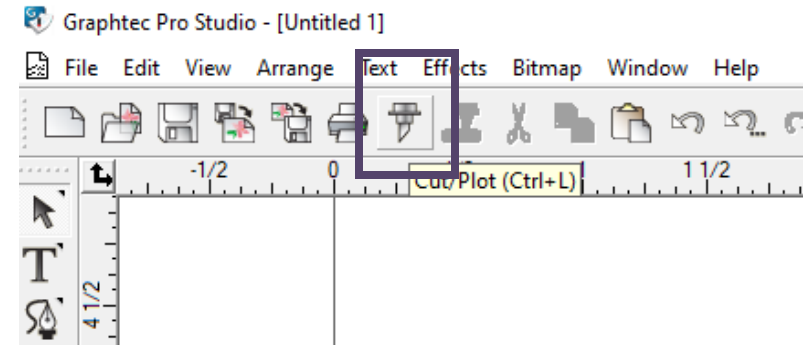

Let's Get Creative!

Creating Text

- Thin fonts can be very hard to weed avoid those if possible (Stahls recommends at least 1/16inch or 1.5mm thick lines)

- Very stylized fonts can also be very difficult or time consuming to weed
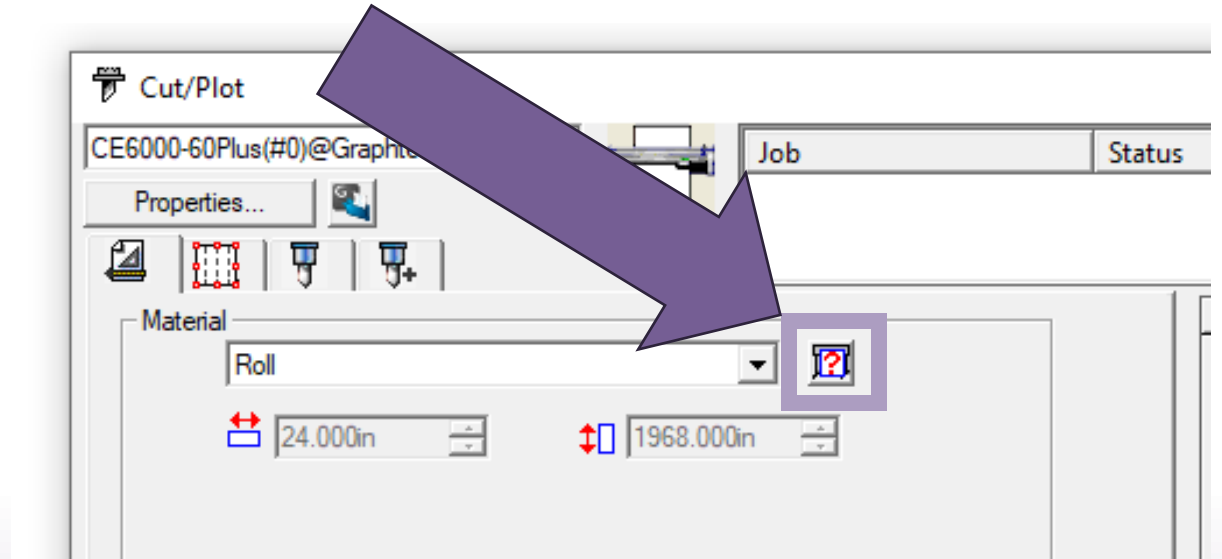
Cutting your Design

- Once your file is ready to be cut, click the Cut button beside the Print button

- You can also choose Cut/Plot from the File Menu

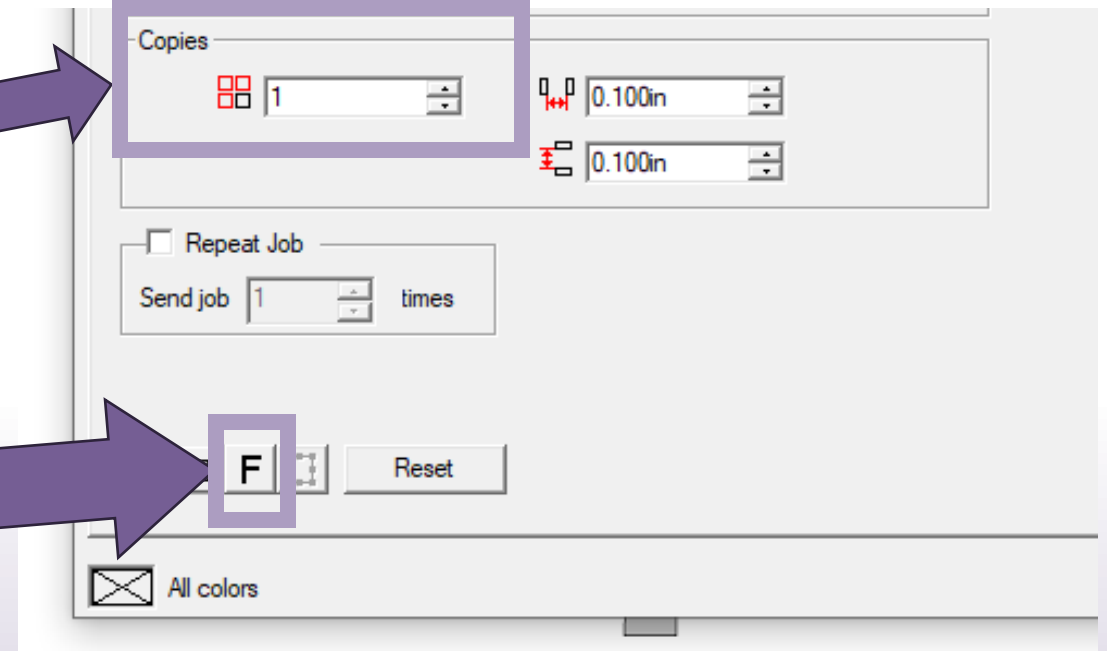- The first time you connect you will see a window for a Production Manager, just click "OK."

Cutting your Design

- A window will open where you can make final adjustments to your design
- Click the ? Beside the width and length of the roll to auto adjust to the width of the roll currently loaded into the cutter

Adjustments

- If your design is small, you can make copies to fill the unused space, so you have extras in case of a mistake

- If you are printing on Heat Transfer vinyl, the design needs to be mirrored. Click the "F" in the bottom right corner to mirror the design

Copies
1   0.100in
     0.100in

☐ Repeat Job
Send job 1   times

F ⬚ Reset

☒ All colors

Summary

- Graphtec Studio Pro is used to open files for the cutter

- You can import vector files (.SVG, .AI, .EPS etc.)

- Image files need to be converted into vector files before importing using a website like https://www.picsvg.com

- Text can be created without needing a file

- Heat Transfer designs need to be mirrored