



## Adobe Illustrator Setup and Basic operation Training for Trotec Laser systems:

1. Open Illustrator → File → New

(See Figure 1 Below)

Change Name to the Model that you are using Example “Trotec Speedy 360”

Change the Page Size to the machine (Example 32” x 20”)

Color Mode: to RGB

Orientation: to Landscape

Raster Effects: to 300 DPI

Units: whatever you would like

Select “OK”

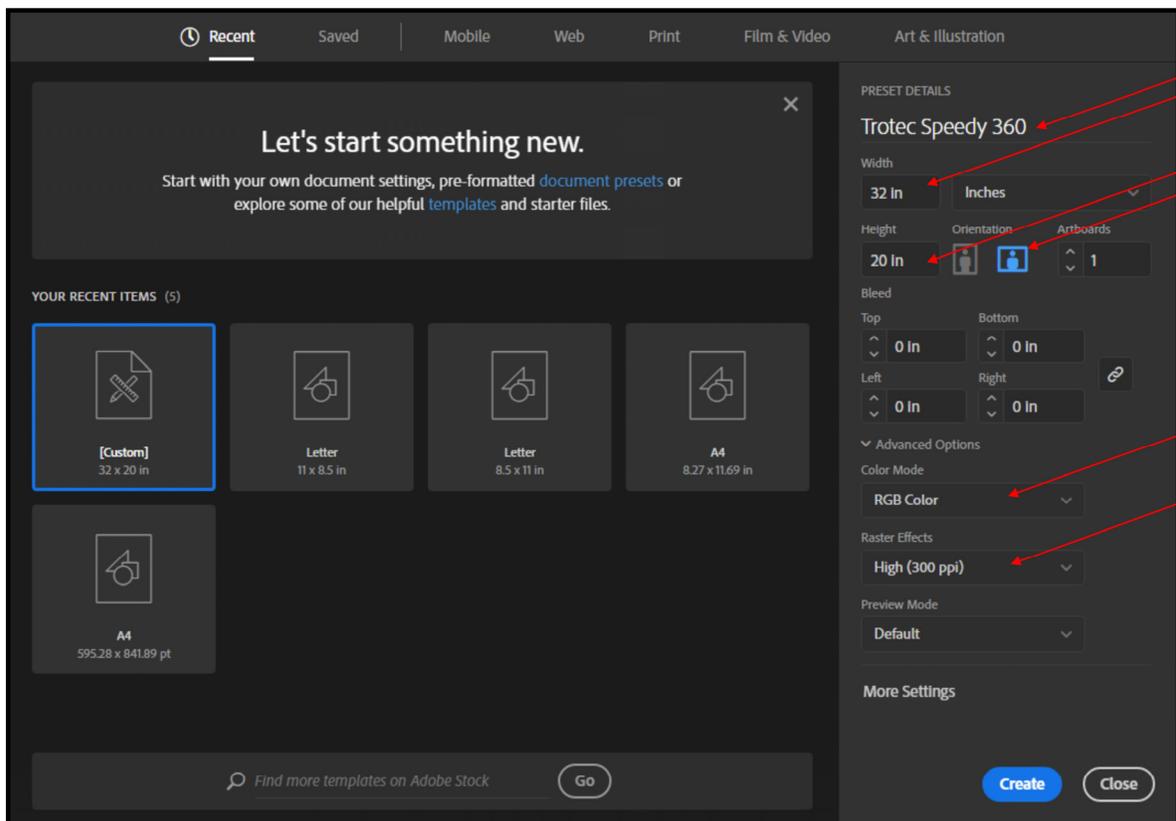
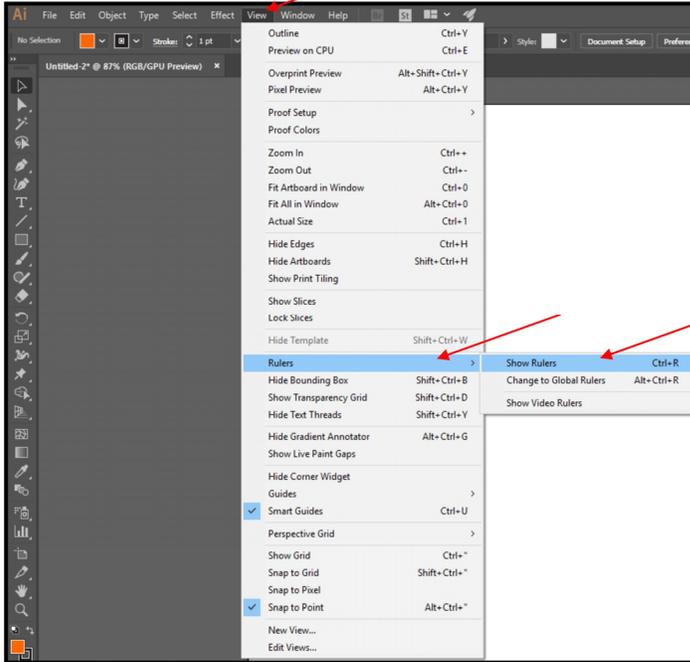


Figure 1

2. View → Rulers → Show Rulers (or select “Ctrl + R”)



3. Load Trotec Laser systems Swatch (Color Palette) shown in Figure 2 below.  
Select Swatch dropdown in figure 2 → Open Swatch Library → Other Library → Select file:

*Web Link to Adobe Illustrator Color Swatch:*

<https://www.dropbox.com/sh/1uy5emug1m8n996/AABLgjf2B4DGRqUZTU20Stqa?dl=0>

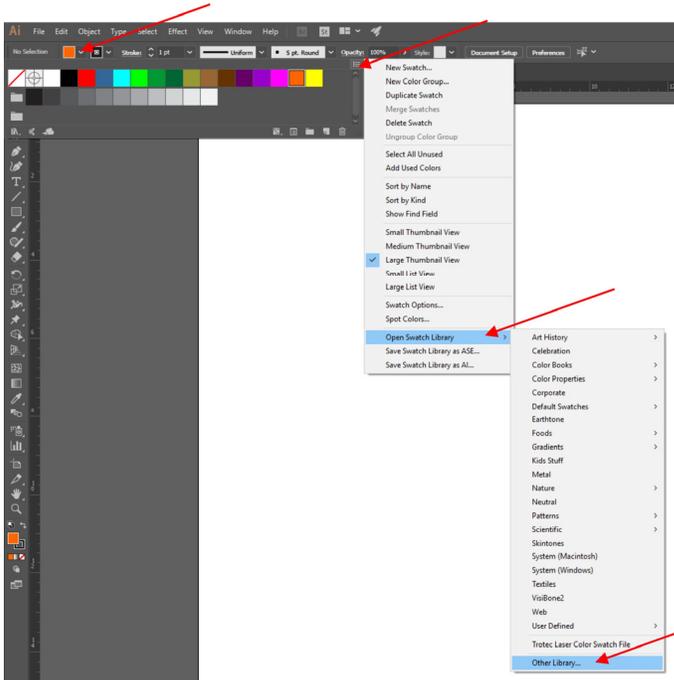


Figure 2

**If no color Swatch file is available, the swatch can be added manually.  
If Color Swatch is installed from file from step 3, skip to step 7**

4. Select the Color Selection in the upper left section of the page (Figure 3)

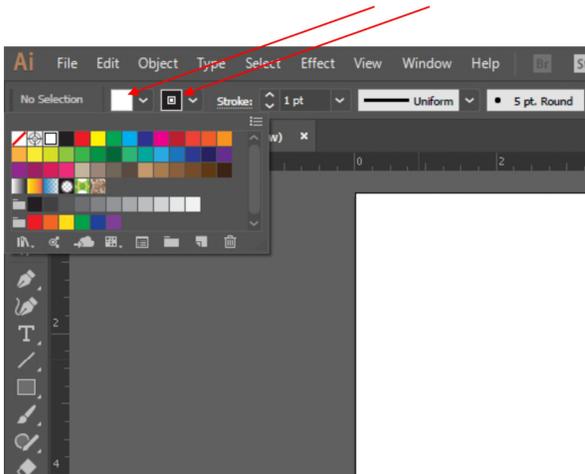


Figure 3

5. Double Click each Color to create the Laser Color pallet (Figure 4)

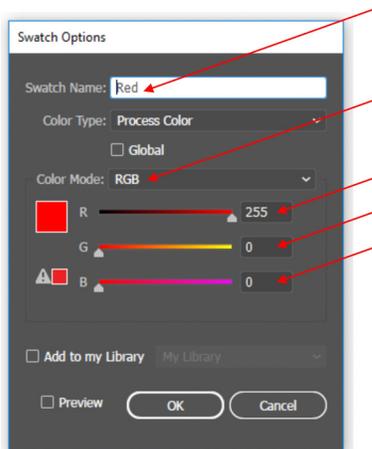


Figure 4

6. Rename and adjust the colors to the Chart below

COLOR	RED	GREEN	BLUE
Black	0	0	0
Red	255	0	0
Desert Blue	51	102	153
Cyan	0	255	255

Green	0	255	0
Grass Green	0	153	51
Forest Green	0	102	51
Olive	153	153	51
Brown	153	102	51
Walnut	102	51	0
Plum	102	0	102
Purple	153	0	204
Magenta	255	0	255
Orange	255	102	0
Yellow	255	255	0

*To remove excess colors select the color that you do not want and drag them to the small trash can at the bottom of the color window, **DO not remove other colors if you use them for other reasons.***

7. Finished Color Palette for Trotec Laser systems should look like Figure 5

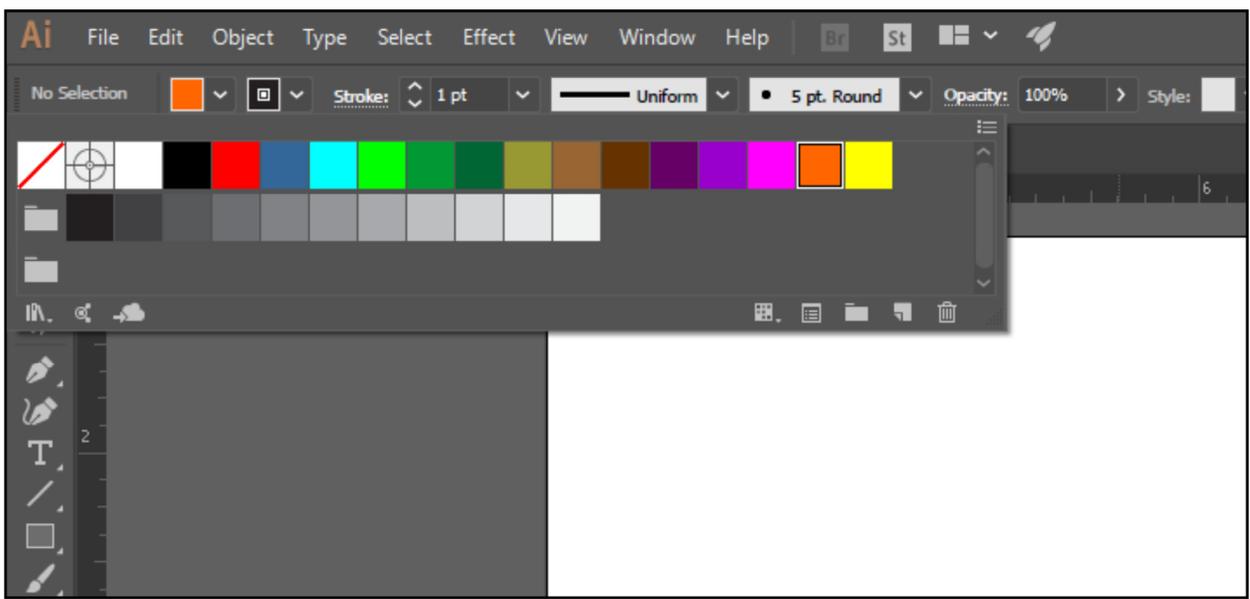
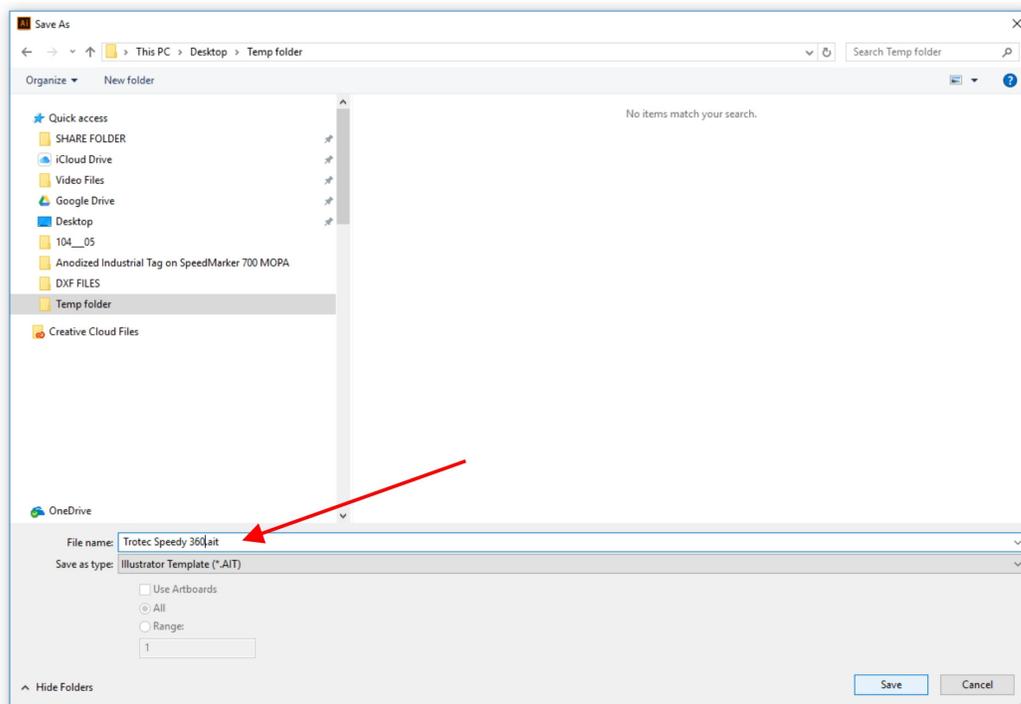


Figure 5

You are now finished with the Setup, now you need to save this as a Template so that you do not have to do this process again, to do this go to:

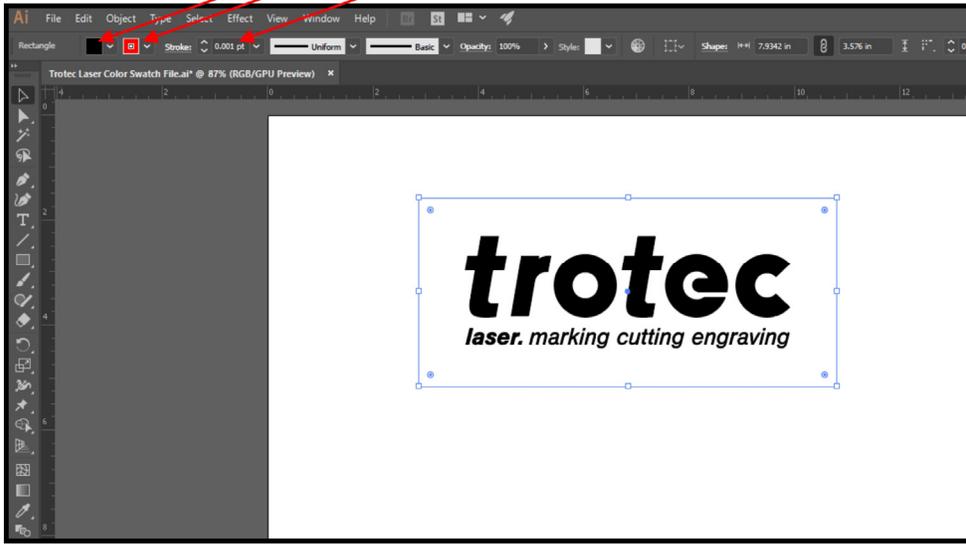
**File → Save as Template...**



*Figure 6*

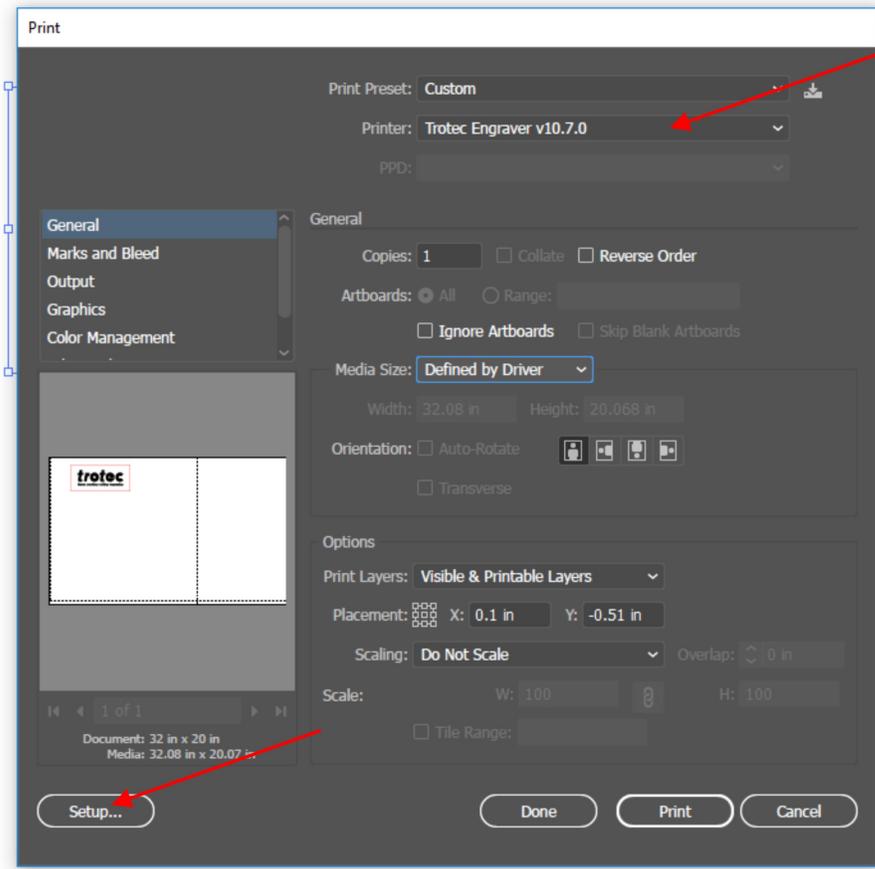
Save your Template to a location that you can find later and when you want to use that template again select: **File → New from Template...**

## Printing from an Illustrator File to your Trotec Job Control software

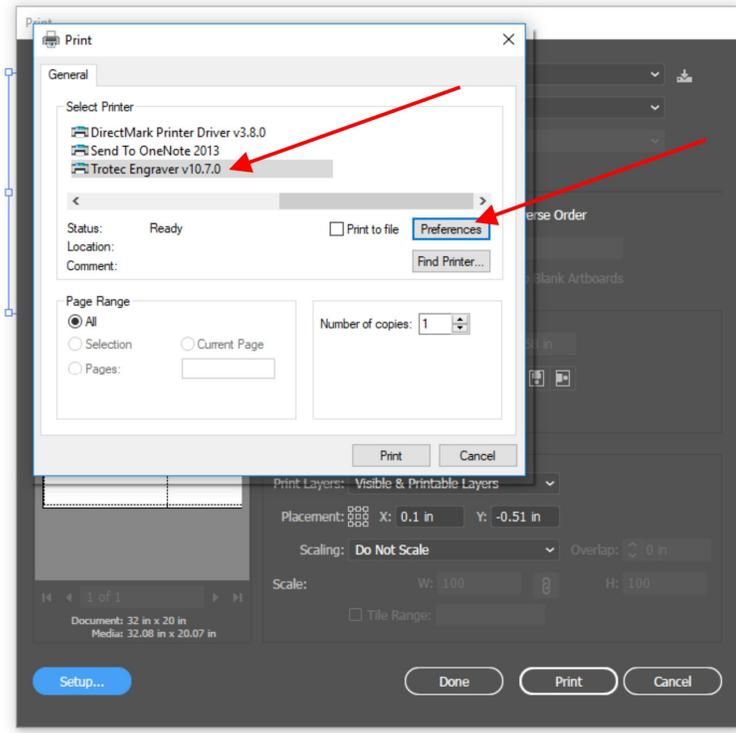


Fill Image for Engraving, set Stroke Weight to 0.001pt for laser cutting. Shown here is the Trotec logo fill black with a 0.001pt RGB Red outline from the Trotec color pallet from step 3.

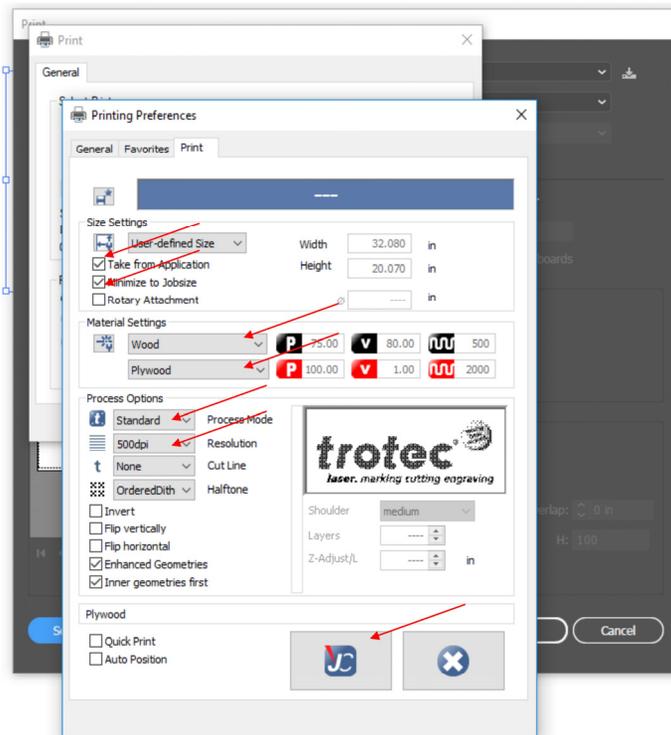
Select File → Print (Ctrl+P) → Select Trotec Engraver → Setup



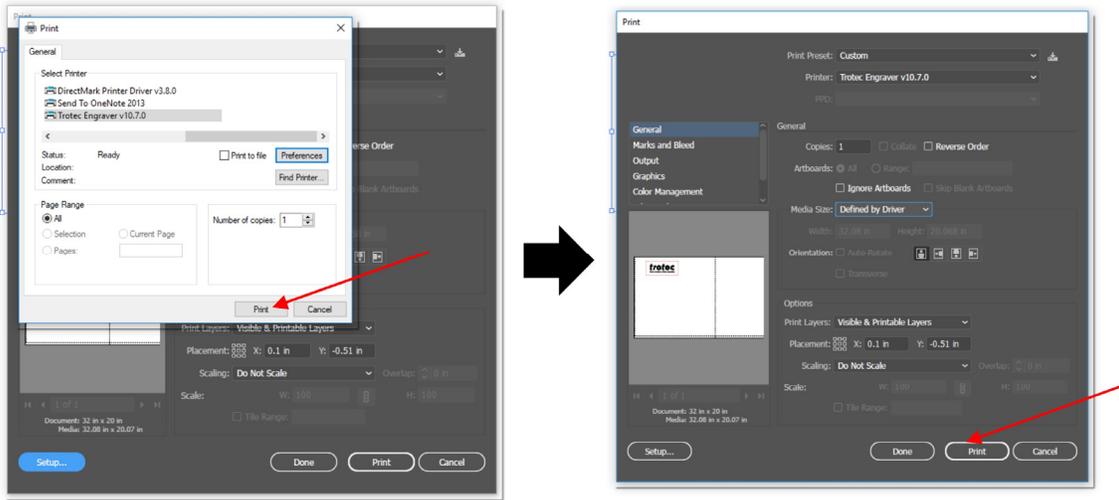
## Laser Printer → Preferences



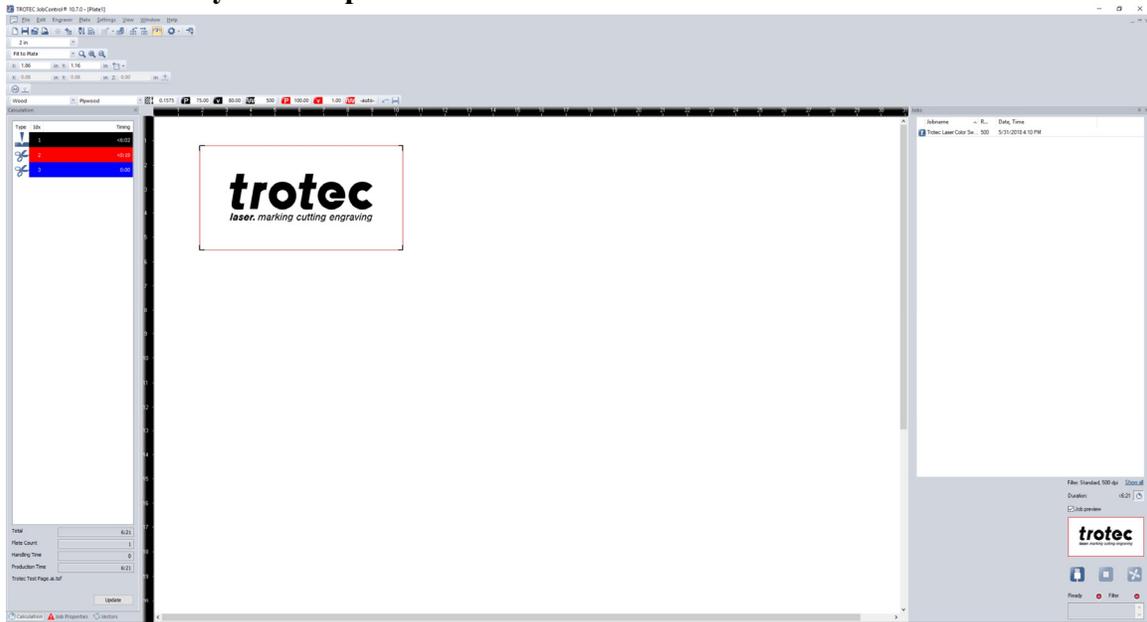
Select “Take from Application”, “Minimize to Jobsize” → Select Material and Process options as needed (Refer to Trotec manual). Select the “JC” Job Control Icon to Print to laser.



Print → Print



## Laser bob ready to laser process from Adobe Illustrator



# Basic operational tools to maneuver through Adobe Illustrator

## Main Toolbar

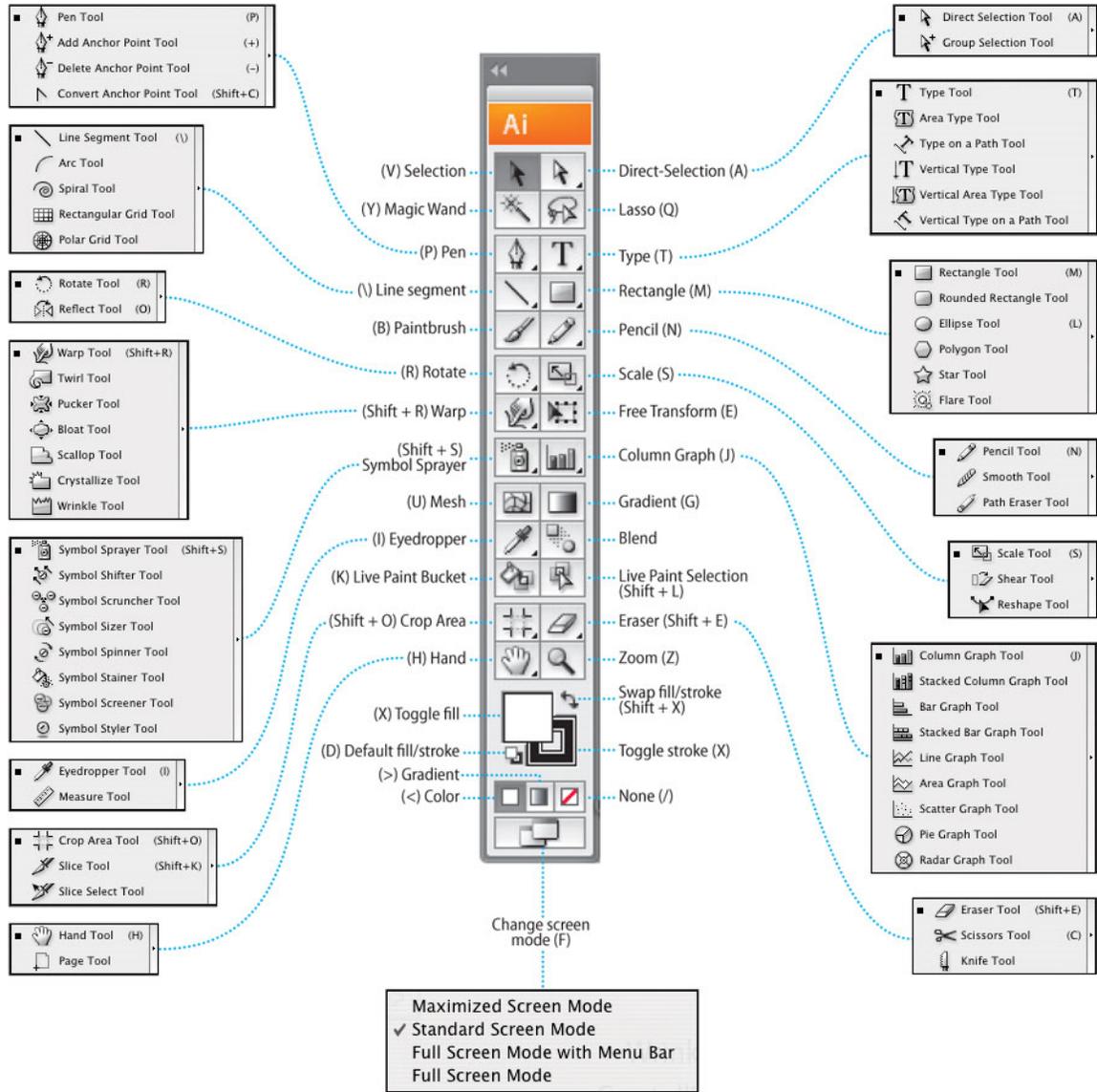


Figure 7

## Tools Needed for Basic operational skills

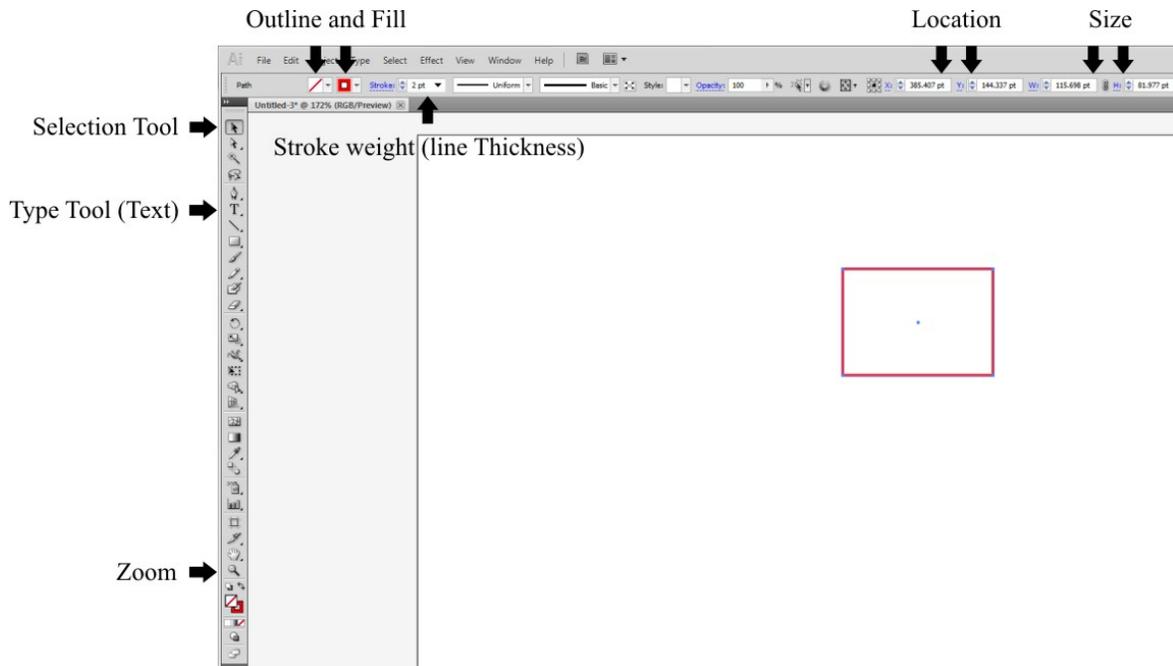


Figure 8

## Selection Tool

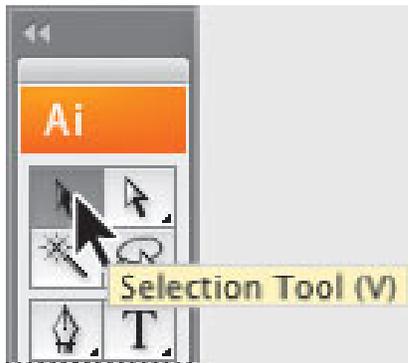


Figure 9

The Selection Tool (Shown in Figure 9) is for selecting, moving and adjusting an image in your drawing.

## Fill and Outline

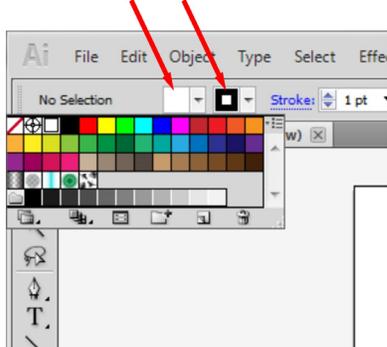


Figure 10

Fill is on the left and outline is on the right (Shown in Figure 10), this is what would be used for filling and outlining a vector based image.

To remove a fill or an outline, select the white box with the diagonal red line through it will remove the fill or the outline.



## Stroke weight (line Thickness)

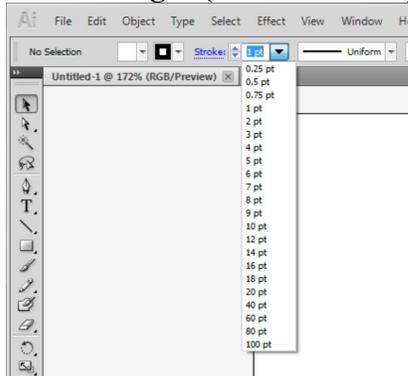


Figure 11

When you have an outline and need to change the line thickness called Stroke weight in Illustrator, select the dropdown menu (Shown in Figure 11). The Laser will require a stroke weight to be 0.001pt in order for the laser to see the line as a vector or a cut, this number can be typed in manually to adjust.

## Type Tool (Text)

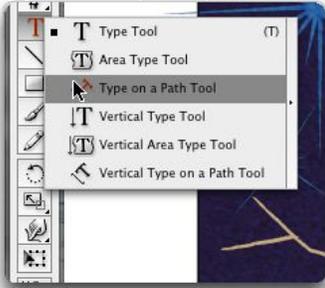


Figure 12

Type tool is used for adding text to your drawing (Shown in Figure 12).

## Zoom Tool

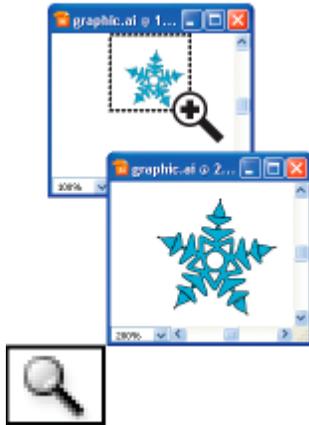


Figure 13

The Zoom Tool is for selecting and zooming into an object, (Shown in Figure 13) to zoom back to the full page just double click on the zoom tool or by selecting the zoom percentage on the bottom left of the screen when the zoom tool is selected.

## Hand Tool (Hold Space Bar)



Used for relocating the screen to another location.

## **Placing items (Importing)**

File → Place

This is used for bringing in a JPEG or EPS into your existing drawing.