Preparing your file (Adobe Illustrator)

1) Fit artwork within 24” by 18” artboard
2) Set color mode to RGB
3) Set color and stroke settings (see below)

Vector cut lines = RGB blue, (0,0,255). Stroke weight = 0.001 pt.

Vector engrave lines = RGB red, (255, 0, 0) Stroke weight = 0.001 pt.

Raster engrave fill = RGB black, (0, 0, 0)

Vector Cutting

Vector Engraving

Raster Engraving
Setting up the machine

1) Turn the compressor on.

2) Remove paper/plastic coating from the laser facing side of material.

3) Place material on platform bed. Place focusing tool on top of material. Use z controls to adjust platform. (See diagram.)

4) On gray machines, press z axis button before using the controls.
Sending files to the lasercutter (A)

1) Select File/Print (Command P)
2) Verify printer set to VLS4.60 (V-460 for grey machines)
3) Click Setup.
4) Click Preferences.
5) Select “Load”. This will pull up the Materials Profile.
6) Select material type and thickness.
7) Select open.
Sending files to the lasercutter (C)

8) After selecting material, settings will adjust to recommended levels
9) Select “OK”
10) Select “Print”
4) Starting your cut

1) RED MACHINES ONLY. Click uls icon on desktop to access control panel. Verify compressor is on. Press start.

2) GREY MACHINES ONLY. No desktop interface. Controls located on front of machine. Verify compressor is on. Press start.