

UNIVERSAL LASER SYSTEMS INC.

LASER REVERSE INLAY STEPS

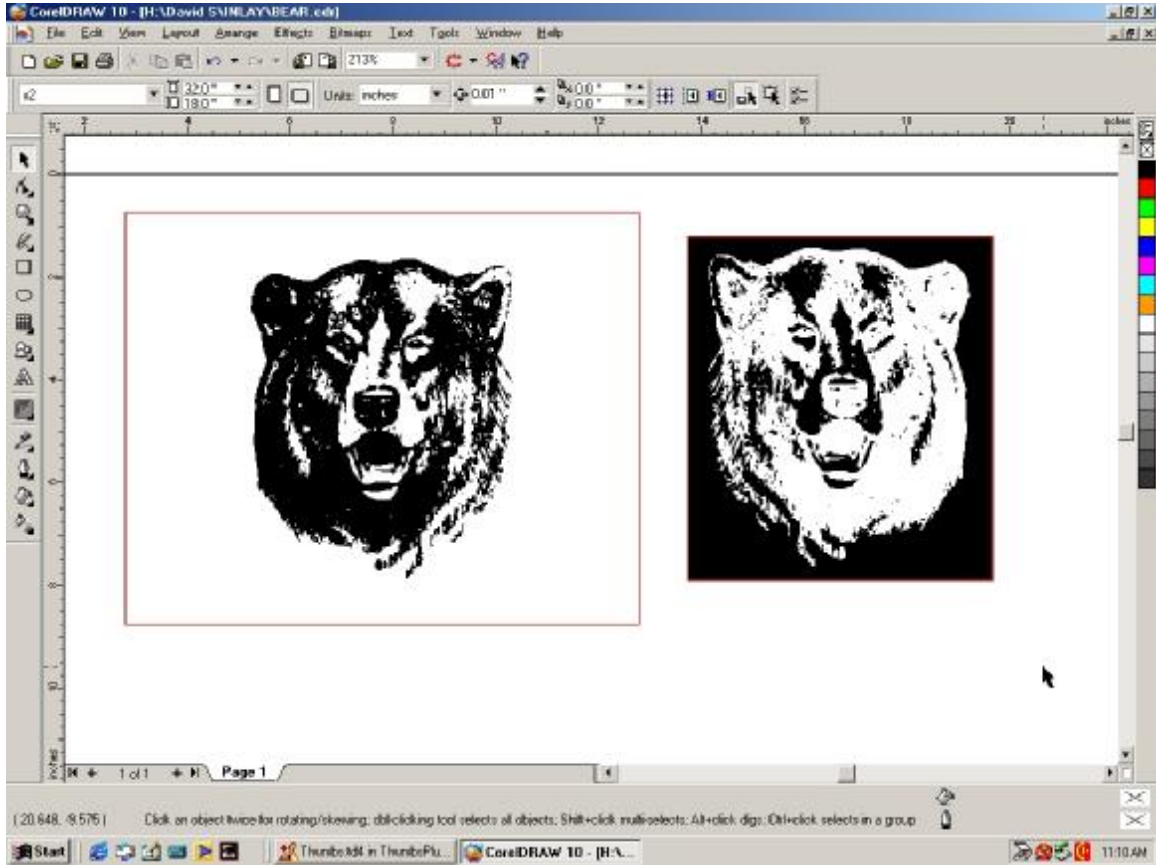


Image must be a Vectorized Black and White graphic.
Size the image and make a duplicate in Negative (you will have to draw a black box behind the negative graphic).



Mirror the Negative graphic



Take the wood and place it in the laser



Engrave the image into the wood to the depth of the veneer that you are going to use, note this may take a bit of testing at first.



Remove the part when finished



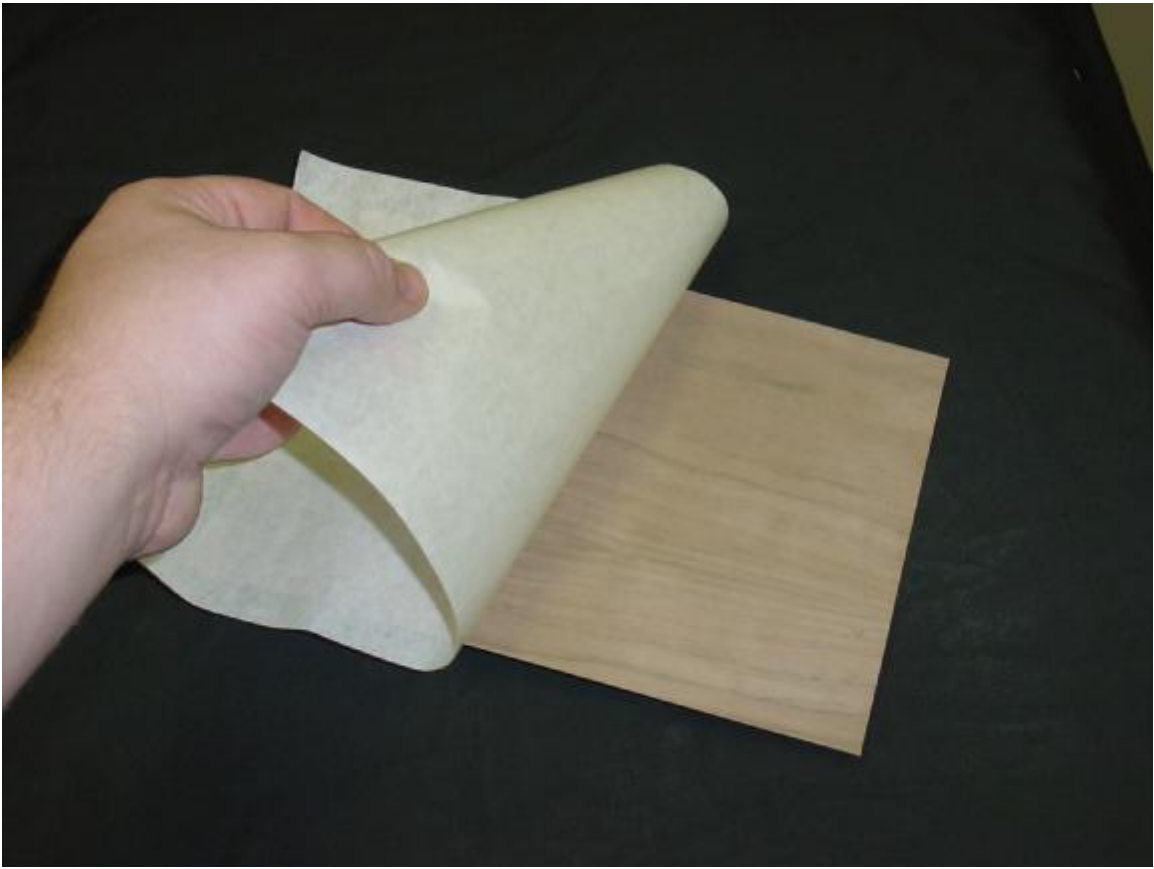
Clean the residue



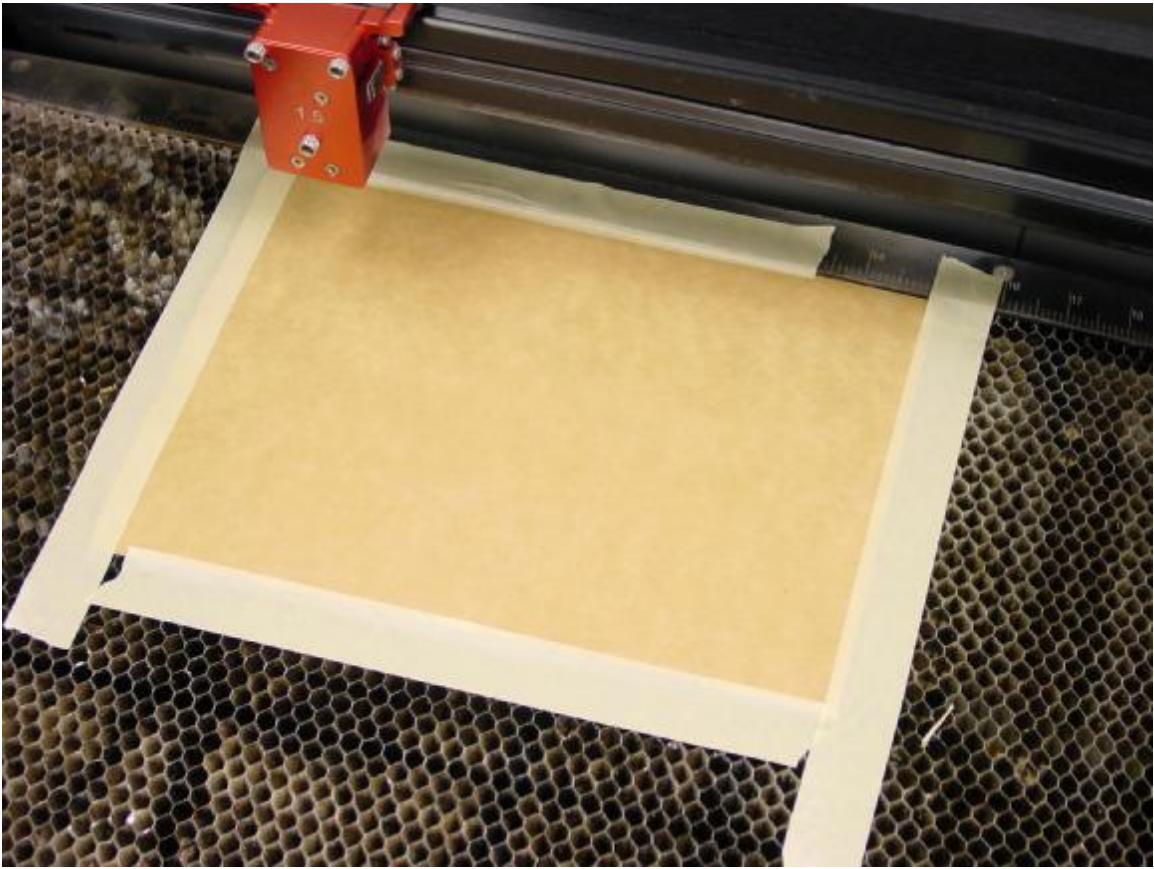
Put aside till needed



Take Veneer or thin wood



Place Transfer tape on one side if using thin veneer



Place the veneer into the machine so that the tape is face down (Note this is a paper backed veneer but it does not matter)



Kiss engrave the veneer so that the engraving goes through the veneer but not the tape that is on the back, you can adjust the laser power on the fly till you reach the correct depth. Then cut the graphic out with the laser.







Fill the main wood part full of glue, be generous so that there is no loose parts.



Place the veneer into the glued slot



Roll down and let dry (you may want to put a board over it and clamp it down).



Remove the tape



Some wood from the veneer will still be there depending on the veneer



Sand the image



If a thicker veneer is used you can use a planer or thickness sander for this process.



Finished! Ready for clear coat



Spray your lacquer or polyurethane coating



Sand the clear coat between coats with 600+ grit sandpaper for best results. 2 to 15 coats can be applied depending on the quality you want.



DONE

