

- When the machine stops moving around, it is done. Push the lever away from the machine to remove the material.

## Possibilities

- Stencils
- Stickers
- Screen printing
- Stencils for sandblasting glass
- Branding logos
- Flexible PCB Using Copper sheets

## Tips and Tricks

- its easier to use masking tape/Transfer sheet for vinyl transferring and weeding. Make sure the adhesive is less sticky (use your body to remove glue). use Tweezers and precision knife.
- [http://archive.fabacademy.org/fabacademy2017/fablabnervencentre/students/401/roland\\_gx24.html](http://archive.fabacademy.org/fabacademy2017/fablabnervencentre/students/401/roland_gx24.html)

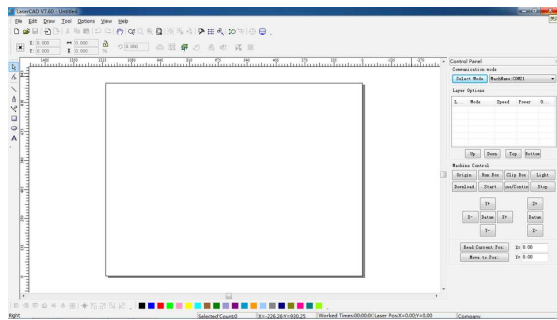
## 6. Eva 32 Laser Cutter

Laser cutting is a non-contact process that uses a laser to cut the material accurately. The 2D design that we design can be cut or engraved in the material we choose

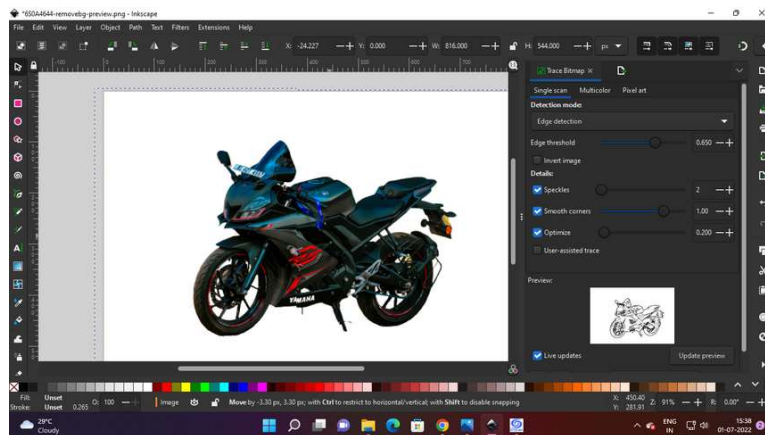
[Laser cutting](#)  
[Laser engraving](#)



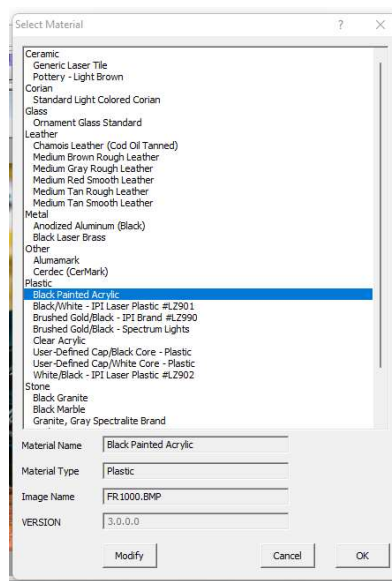
## Interface of laser cad software



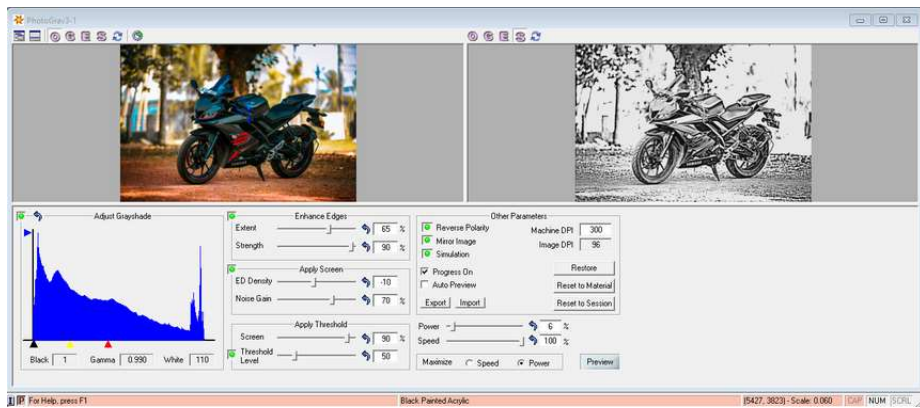
- Converted the jpg to svg using Inkscape



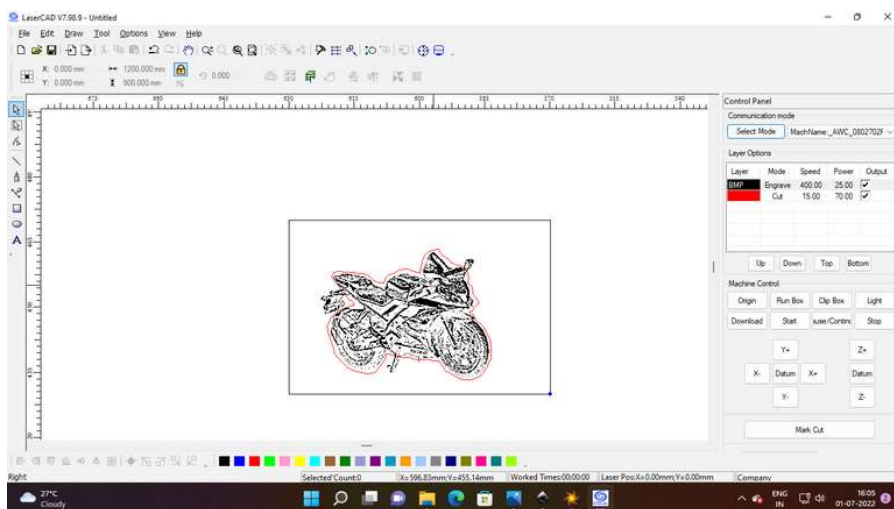
- Selected the black acrylic material of 3 mm



- Using photo grave software traced the sketches



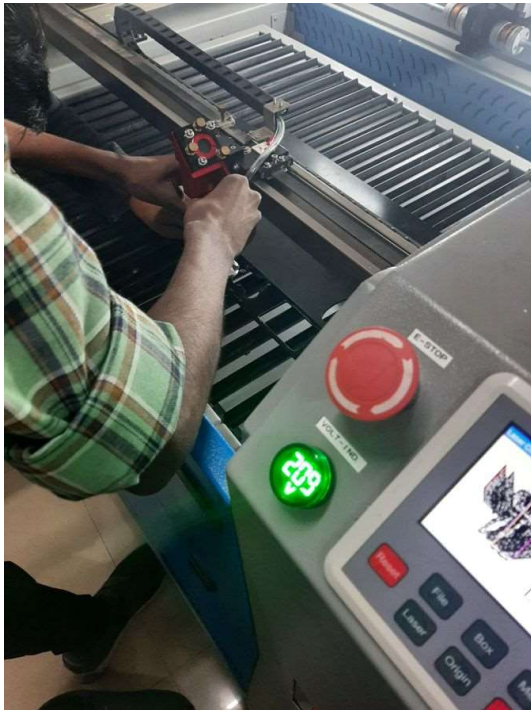
- Imported to laser cad software and set the parameters for different color (cut lines and engraving)



Various parameters for 3 mm acrylic

	speed	power
cut	15cm/sec	70%
engrave	400cm/sec	20%

## Manual Adjusting of Focus



## Result

