



Faculty of Technology



Laser Cutter

This is a 100 Watt cutting machine which has the capabilities to cut and engrave materials. The machine has a bed of 1 m x 1 m. The cutter has the ability to cut through up to 15mm of most woods and plastics. Materials that cannot be cut whatsoever are PVC and Polycarbonate. However materials that can be engraved but not cut include slate and glass.

Laser Cutting Procedure:

Students come in with their pre prepared files and the materials they wish to cut. Usually they identify what they wish to be done and it is left with the technicians and the work is then collected at an arranged time. Punctuality of completion of work jobs depends on how many other jobs are in the queue waiting to be done and the workload of the technicians.

File formats accepted:

- AI – Adobe Illustrator File (Without compression or PDF Compatibility)
- DWG – AutoCAD Drawing File Format
- DXF – AutoCAD Drawing Interchange File Format
- EPS – Encapsulated Postscript File
- HGL – Hewlett Packard Graphics Language
- LOP – APS Drawing File Format

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