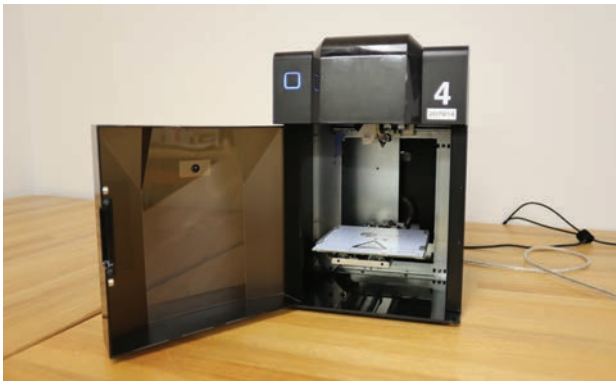


FABRICATION LAB EQUIPMENT SPECS



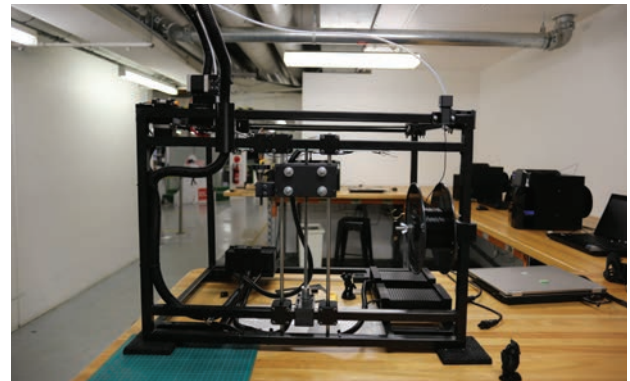
3D PRINTERS - UP! MINI 2

Link: [Website](#)

Working Area: 120(W) x 120(H) x 120(D) mm

Material: ABS

File Input: SD card with gcode files, USB via Up Studio software



3D PRINTER - 3D INDUSTRIES AUSTRALIA - JOEY

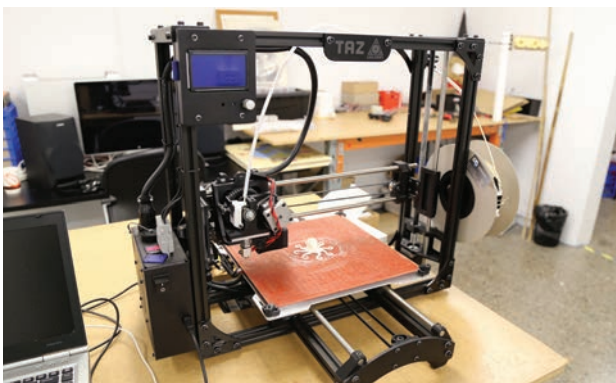
Link: [Website](#)

Working Area: 200mm x 200mm

Max. Height of workpiece: 200mm

Material: PLA

File Input: SD card with gcode files



3D PRINTER – LULZBOT TAZ5 (NEW)

Link: [Website](#)

Working Area: 200mm x 200mm

Max. Height of workpiece: 200mm

Material: PLA

File Input: SD card with gcode files or USB



LASER CUTTER – RAYJET 300 EDU

Link: [Website](#)

Working Area: 726 x 432 mm (keep in mind the size of our MDF too)

Max. thickness of material: The laser cutter is capable of cutting up to 10mm acrylic and 6mm wood. It will not cut metal but can bleach the colour out of Anodized Aluminum and can leave markings on metals using special ceramic coatings that we don't currently provide.

The Edge currently supplies:

AC Class Plywood (Bond type C) 4mm & 6.5mm in A2 & A3 size sheets

Single Corrugated Cardboard: 4mm A2

Double Corrugated Cardboard: 6mm A2

Clear Acrylic: 3mm & 6mm in A2 & A3

Black Acrylic: 3mm & 6mm in A2 & A3

White Acrylic: 3mm & 6mm in A2 & A3

Selection of coloured Acrylic: 3mm in A3

With regards to materials outside our current range we will do one of two things.

CHOICE OF OTHER MATERIALS

If you already have the material:

We will perform a test on the material to make sure it's safe to use in the laser, this may take up to 2 weeks.

If you want a material or size we do not hold in stock we may be able to source it or you through our suppliers.

MDF is not safe to cut on our machine.

File Input: USB with any vector file format that Corel Draw can open (.svg, .cdr, .ai etc).



CNC ROUTER - MULTICAM A2MC 2412 (NEW)

Working Area: 2400 x 1200

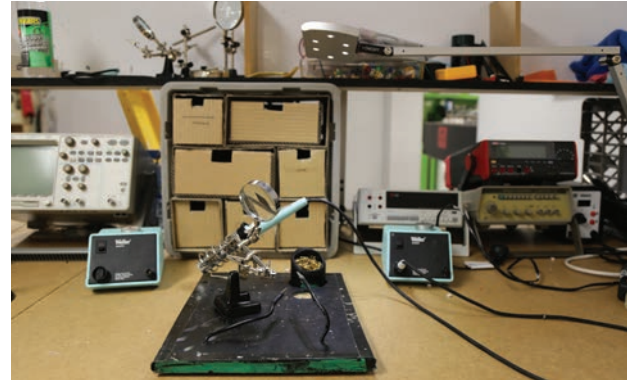
The Edge currently supplies:

- BC Class Plywood (Bond type a) 15mm in 1200 x 1200mm sheets
- Expanded PVC 10mm in A2 size sheets (white)
- Expanded Polystyrene board 30mm in A2 & A3 sized sheets



HAND TOOLS - ASSORTED

Equipment: Screwdrivers, wrenches, hammers, saws



ELECTRONICS BENCH

Equipment: Soldering Irons, Desoldering Station Bench Power Supply, Bench Multimeter and Cathode Ray Oscilloscope.



SEWING MACHINE - REGULAR

Model: Bernina Record



SEWING MACHINE - OVERLOCKER

Link: [Website](#)

Model: Bernina Overlocker 700D

Please note: over locker is for use by inducted members of the public that are confident enough to use the machine independently.