



**\$15**  
per 15  
minutes

## *LASER CUTTING SERVICES*

### *About laser cutting & engraving*

Laser technology uses high precision lasers to cut and engrave materials from titanium to textiles and has been in use for industrial design, manufacturing and aerospace applications since the early 1970s. In recent years, it has started to become available and affordable to startups, smaller businesses and schools. At FabCafe, our mission is to inspire design, innovation and creative collaboration by making this technology accessible for everyone, including you!

With the state-of-the-art Universal Laser Systems VLS 4.60 laser machine, designers and hobbyists are able to bring their concepts to life in minutes while enjoying a cup of fresh coffee at our cafe. Time poor experimentalists and curious minds can pick a design from our graphics library, a special quote from a favourite author, or a thoughtful personal message for a dearest someone, and have it laser engraved onto a variety of objects and personal items such as the back of your iPhone, cover of a notebook or a photo frame.

### *So you want to laser something?!*

- 1. Make an appointment**  
All custom fabrications are by appointment only. Simply send us a message on our Facebook page. Once you get here, our fab expert will review your files and give you an estimate on how long it will take to cut and/or engrave. Services are booked in 15-minute blocks.
- 2. The design**  
Bring your files in vector format, preferably .dxf / .dwg. We can work with Illustrator but it takes longer to import and sometimes require tweaking and resizing on-site. The maximum cutting area is 590mm x 440mm. There may be additional fees if files require major changes.
- 3. The material**  
We have MDF wood and clear acrylic in stock at all times. Other materials which can be special ordered at additional costs include plywood, coloured acrylics and laser-safe rubber sheets.



## *MAC FAB SERVICES*

### *What is Mac Fab?*

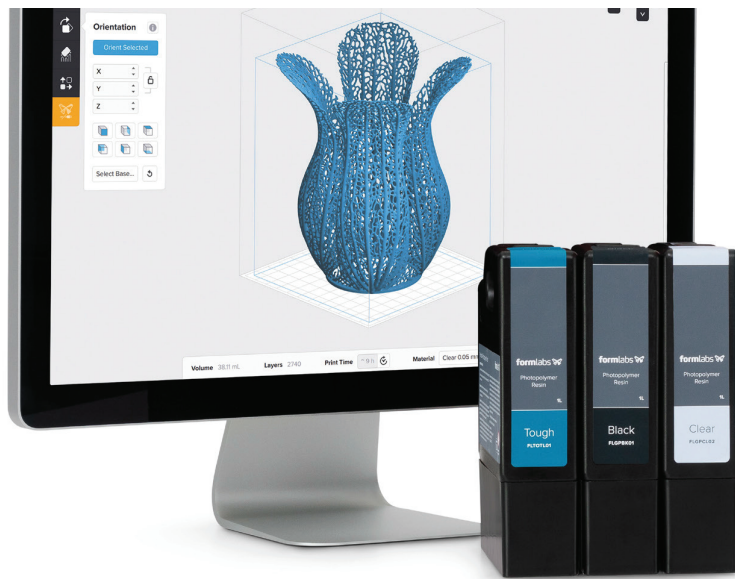
**Personalisation is king! We are the experts at engraving on the special anodised aluminium surfaces of all Apple products - MacBook, iPad and iPhone models. Just make an appointment, bring your design (and your device!) and we will help you create the special Mac just for you.**

### *Prices*

<b>MacBook</b>	<b>\$100</b>
<b>iPad</b>	<b>\$80</b>
<b>iPad Mini</b>	<b>\$65</b>
<b>iPhone</b>	<b>\$50</b>

### *So you want to Mac Fab something?!*

- 1. Make an appointment**  
All Mac Fab services are by appointment only. Simply send us a message on our Facebook page. We charge flat fees based on the device you want engraved. In the case of a truly complex design, we may have to charge additional fees.
- 2. The design**  
Laser files should be in vector format, preferably .dxf / .dwg. We can accept Illustrator files but sometimes when importing them sizing and dimension issues occur during translation. The engraving area is based on the size of the Mac product that you are engraving. You are responsible for accurately measuring your own device / file. We do charge for any major changes to files. If you're in a hurry or need some inspiration, simply choose from our library!



## 3D PRINTING SERVICES

### *About 3D printing and modeling*

Did you know that 3D printing was first called "additive manufacturing"? It refers to processes used to synthesise a three dimensional object from a digital file. The technology has evolved so much in the past decade that 3D printing now has its footprints in industries ranging from aviation, robotics, product design, to medicine, and even advertising!

At FabCafe, we have both FDM (Fused Deposition Modeling) and SLA (Stereolithography) printers and our fab experts who can help print your designs.

### *So you want to 3D print something?!*

- 1. Make an appointment**  
All custom fabrications are by appointment only. Simply send us a message on our Facebook page. Once you get here, our fab expert will review your files and give you an estimate on how long it will take to cut and/or engrave. Our fees are 30 cents for each minute of printing.
- 2. The design**  
Bring your files in .STL format, which all major 3D modeling apps easily export to. The maximum build area is 145mm x 145mm x 175mm (H) for the Form2 printer. There may be additional fees if the file requires major changes.
- 3. The material**  
We have different colors and types depending on whether you are printing with resin or ABS plastics. Our stock varies so do check or specify your requirements when you make an appointment.