

# LASER ENGRAVING

## What is Laser Engraving?

Laser Engraving is a Subtractive Manufacturing Method that uses a laser beam to change the surface of an object. A laser beam can be designed to deliver energy to the surface in a manner which converts a high percentage of the light energy into heat. Hence, a laser can create images on the surface of the item very efficiently.

The beam is highly focused and collimated. It is used in most non-reflective materials like wood, plastics and enamel surfaces.

### Advantages:

- Production speed is higher
- High precision
- It can never fade as it is engraved on the surface

### Limitations:

- Only single base color can be done
- It burns the edges of any material you want to cut.
- Production speed aren't always consistent, depending on the material thickness and density

### Applications:

- Metal, wood and leather items like Diary, Pen, Key chains etc

### Artwork Supported File:

- PDF, EPS, Cdr. etc



Customised pen



Diary engraved with logo and company name



Laser engraved on wooden coaster

Cost

Varies on size and design

Minimum Order Quantity

200 pcs