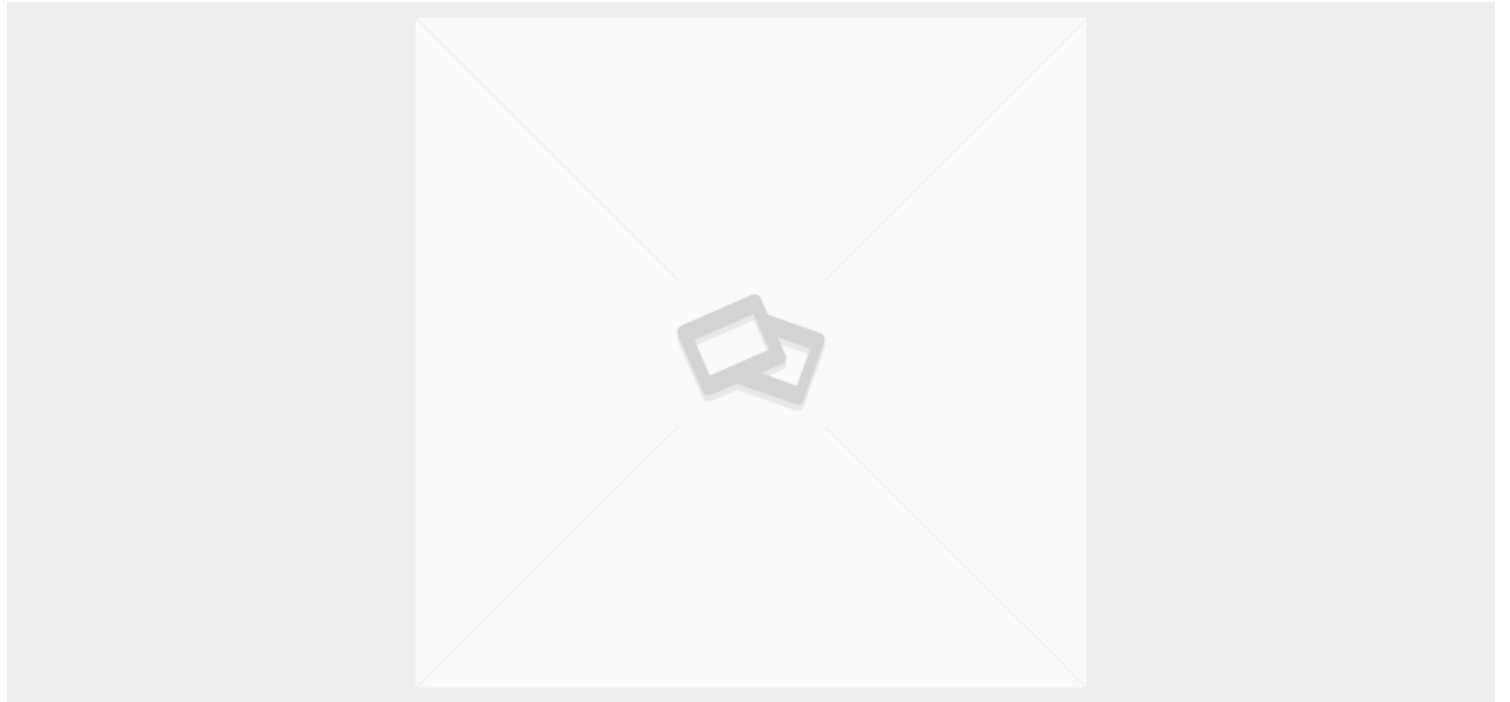


# LASER ENGRAVING GLASS

*Posted on 2023-05-09 by redsail*



Category: [APPLICATIONS](#)



Following an extended period of consulting to AIFS, working closely with the internal team and gaining a deep understanding of their requirements, We were engaged for the design, development and migration of the main AIFS website and numerous sub-sites, onto the Wordpress platform.



The laser can engrave on the surface of the glass, but the engraving depth and cannot cut. In general, the laser can create a frosting or shattering effect on the glass surface. Generally laser engraving glass technology is used in laser engraving art glass, by applying a layer of self-adhesive on the glass, and then laser engraving machine directly on the self-adhesive engraving machine out of the imprint, so that you can directly on the laser imprint paint. Compared with the traditional art glass production, laser engraving machine technology applied to glass can save time and production cost to a great extent.

Usually the user wants to get a frosted effect rather than a broken effect, depending on the texture and consistency of the glass. Glass engraving is usually difficult to control, follow the steps below to make a smooth frosted surface: apply a little wash clean to the area to be engraved, load a piece of newspaper or napkin slightly larger than the area to be engraved, soak the paper completely with water, and squeeze the excess water, put the wet paper on the engraved area and lay it flat without wrinkles. Place the glass in the laser engraving machine, engrave while the paper is still wet, then remove the glass, remove the residual paper and clean the glass surface.

If needed, lightly lighten the glass surface with 3M Scotch Brite. In general, the laser power setting should be water some, the precision setting at 300 dpi, the engraving speed should be faster, and you can try to use large size lens for engraving. When engraving lead crystal with laser, you should be more careful. Lead crystal has a different expansion coefficient than ordinary crystal, which may cause crystal cracking or breaking when engraving. A smaller power setting can avoid this problem, but you should always guard against breakage. After engraving, the surface can be cleaned with a damp cloth, and can be colored with propylene pigment.