

# LASER ENGRAVING MACHINE MIRROR MAINTENANCE METHOD

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## REDSAIL M900E LASER ENGRAVING / CUTTING MACHINE

High precision Redsail M900E CNC Laser Cutting Machine for non-metal things

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Today's article mainly introduces an integral part of the [laser engraving machine](#) - the reflector.

Experienced laser engraving machine operators know that after a long time of work, the reflector of the laser engraving machine will be polluted by the smoke and dust generated during processing, which will greatly reduce the reflectivity and affect the output of the laser. At this time, we need to maintain the reflector of the laser engraving machine to ensure the output of the laser and the effect of the engraving machine, and to achieve the purpose of extending the life of the equipment.

The following are the maintenance methods and precautions for the reflector of the laser engraving machine:

The cleaning of the reflector should use a special lens cleaning solution, and carefully wipe it with absorbent cotton. Take care to avoid scratching the mirror with sharp objects. Workpieces on the lower surface of the focusing lens of the focusing lens can also be contaminated with volatiles. When it is polluted, it will also greatly affect the output of the laser. Attention must be paid to handling smoke and blowing protection to avoid contamination of the focusing lens. If the contamination is cleaned carefully, the following methods can be taken:

1. Remove the inflation tube, pressure ring and protective sleeve, and carefully take out the focusing lens.
2. Use a blower to blow off the dust from the surface of the focusing mirror.
3. Use tweezers to carefully wipe the clamped cotton ball dipped in alcohol or a special lens cleaner, gently wipe in one direction from the inside to the outside, and wipe once each until the dirt is removed, so replace the cotton ball.

But what we should pay attention to is that in the process of wiping the mirror, do not rub it back and forth, and ensure that the mirror surface cannot be scratched by sharp objects. The surface of the mirror is coated with anti-reflective coating, and the damage of the film layer will greatly affect the laser energy output and engraving Effect.