

# PRECAUTIONS FOR MAINTENANCE OF LASER MARKING MACHINE ACCESSORIES

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As the usage time of the laser marking machine increases, some components may be damaged, and these components need to be replaced regularly, otherwise the laser marking machine will not work properly. So, which parts of the laser marking machine need to be maintained and maintained? Let's follow the laser marking machine manufacturer Shanghai Hanting Laser Editor to take a look at the following content!

A laser marking machine has tens of thousands or even hundreds of thousands of pieces of equipment, so attention should be paid during operation, and attention should be paid to maintenance and repair of laser machine accessories in order to increase the service life of the equipment, save costs, and create greater benefits.

### Precautions for maintenance of laser marking machine accessories

1. If the galvanometer of the laser marking machine does not move or moves in one direction, it is necessary to check whether the galvanometer XY status indicator light is normal, check whether the galvanometer wiring is loose, check whether the galvanometer switch power supply is normal, and check whether the USB board galvanometer output signal is normal.
2. Fan cleaning: Prolonged use of the fan can accumulate a lot of solid dust inside the fan, making the fan generate significant noise, and is not conducive to exhaust and odor removal.
3. The field mirror of the laser marking machine needs to be regularly cleaned because it is outside and there will be dust during marking. If you do not clean the lens for a long time, there will be a layer of dust on it, and it will affect the light output quality of the laser marking machine, which may seriously burn the lens.
4. Different brands have different laser water chillers, but if a laser water chiller alarm is detected, the laser marking machine cannot be used because the laser power supply cannot be started in an alarm situation. The laser water chiller alarm mainly includes a flow alarm and a compressor high pressure alarm. If an alarm occurs, we should first check whether the water chiller of the laser marking machine has water pressure, mainly whether the water outlet pressure of the water chiller is normal, If there is no flow, it may be that the water pump of the chiller is broken or the pressure is insufficient, or vice versa, the flow switch of the chiller is damaged. We will repair and handle the fault based on the actual situation.

5. Every time you start the machine, check whether there are signs of looseness and water leakage in the water connection. If there is any water leakage, quickly press the emergency stop switch for maintenance.