

# COMMON FAULTS AND SOLUTIONS OF LASER GLASS ENGRAVING MACHINE

Posted on 2023-08-11 by redsail



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## **The laser head does not emit light**

1. Press the test button on the operation panel to check the state of the ammeter: No current: Check whether the laser power supply is connected, whether the high-voltage line is loose or disconnected, and whether the signal line is loose; Current: Check whether the lens is broken or the optical path is seriously shifted;
2. Check whether the water circulation system is normal: no water: check whether the water pump is damaged or not powered on; (Check if the computer settings are correct).

## **The depth of carving is different or the engraving is not deep**

1. Check whether the water flow in the water circulation system is smooth (the water pipe is bent or broken);
  2. Check whether the focal length is normal (re-calibrate);
  3. Check whether the optical path is normal (re-calibrate);
4. Check whether the paper on the plate is too thick , whether there is too much water (re-correct);
  5. Check whether the beam is parallel (adjust the belts on both sides);
  6. Check whether the lens is broken (replace);
  7. Check whether the lens or the laser tube emission end is polluted (re-clean);
8. 1. Check whether the water temperature is higher than 30°C (replace the circulating water);
  9. Check whether the laser head or focusing mirror is loose (tighten);

10. The laser current and light intensity must reach 8mA;
11. The aging of the laser tube (replacement: no charge during the warranty period) ).

## **Abnormal reset**

1. Check whether the sensor is dusty, poorly connected or damaged (wipe off the dust on the sensor or replace it);
2. Check whether the flexible conductive tape data cable is in poor contact or damaged (trim the data cable and re-plug or replace the data cable);
3. Check whether the ground wire contact is reliable or whether the high-voltage wire is damaged (re-ground or replace the high-voltage wire);
4. The motor wire is in poor contact.

## **Missing engraving**

1. Incorrect initialization, the data has been sent (correction);
2. The operation sequence is reversed (re-output);
3. Static interference (check if the ground wire is off).

## **Clean the misplaced and unclosed hook edges**

1. Whether the edited file is correct (re-edit);
2. Whether the selected target exceeds the page (re-select);

3. Check whether the software parameter settings are correct (re-set);
4. The computer system is wrong (re-install the operating system and software);
5. Check whether the left and right belts are tight or not or whether the rear belt is too loose (tighten the belt);
6. Check whether the belt or synchronous wheel slips or skip teeth (tighten the synchronous wheel or belt);
7. Check whether the beam is parallel (Readjust the left and right belts).