

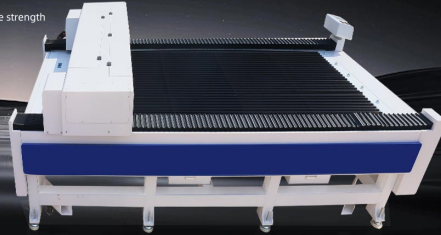
# FREQUENTLY ASKED QUESTIONS ABOUT LASER CUTTING MACHINES

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## REDSAIL CO2 GLASS LASER FLATBED CUTTING MACHINE WITH HIGH EFFICIENCY

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When the laser cutting machine is working, the temperature stability is relatively high, so what are the common problems of the laser cutting machine?

1. When the glass laser cutting machine is working, the surrounding ambient temperature is high. the
2. The working light intensity of the glass laser cutting machine is too high. the
3. The continuous working time of the glass laser cutting machine is too long, and it is necessary to stop and rest properly. the
4. The return flow of the outlet pipe of the cooling water is not normal, causing the water flow to be not smooth enough. the
5. The inlet and outlet pipes of the water pump are too dirty, and the water protection is blocked, which makes the water flow not smooth. the
6. Check whether the laser can hit the first reflector, if not, adjust the position of the first mirror.

the

7. Check whether the laser can hit the second and third reflectors. If not, adjust the M1, M2, and M3 screws behind the upper reflector. the
8. Move the laser head to the upper left corner and make a laser point, and observe whether it is at the same position as the point on the upper right corner. If not, adjust the M1, M2, and M3 screws of the second reflector to make the point match the The upper right dot is at the same location;  
Paste at least two layers of double-sided tape on the light entrance of the laser lens barrel, move the laser head to the upper right corner of the table and press the TEST key on the control panel to make a laser point. the
9. Move the laser head to the lower left corner, observe whether the dot is at the same position as the upper right corner, and adjust the second reflective lens. the  
Repeat the adjustments described in 4 and 5 above, so that the three points of the laser dots to

be punched are at the same position. the

Check whether the focus is in the center: put a mirror vertically below the focusing mirror, place a transparent plastic sheet under the lens barrel close to the lens barrel (that is, hold it in hand) and press the TEST button to hit the laser to see if the laser point hits the center of the focusing mirror . Be careful of laser burns when holding a plastic sheet, and keep your hands away from the vertical plane of the lens.

#### 10. When the button is turned on, the device does not work

If the laser cutting machine has such a failure during the working process, first check whether the entire device is powered on. If not, be sure to plug in the power supply. The parameters of the main board of the laser cutting machine should also be checked to see if they are correct.

If it is not correct, be sure to refer to the relevant software and some other parameters to understand.

#### 11. No laser in working condition

During the actual work of the laser cutting machine, it is necessary to carry out effective inspections according to various situations. It is possible that the laser cutting machine has this situation because the optical path has shifted. In this case, the optical path must be adjusted. , It is also possible that there are a series of problems in the line, then, if this is the case, it can be judged by plugging it into the model of the power supply in the way of dot rays.

#### 12. The laser is intermittent

When the laser cutting machine is working intermittently, it may be that the water circulation is not particularly smooth. It is necessary to check and clean the relevant water tank, and also check whether the water pump is smooth and can regularly dredge the water pipe.