

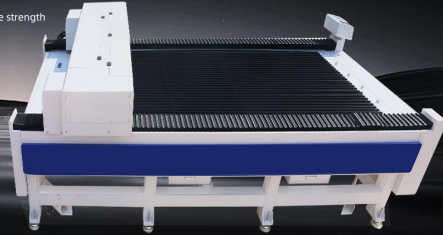
THE REASON WHY THE LASER CUTTING MACHINE RESETS ABNORMALLY

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With the development of science and technology in our country, many processing enterprises have begun to use [laser cutting machines](#) to process workpieces, but in the process of using equipment, there will always be many headaches, such as abnormal reset of laser cutting machines. When encountering these problems, how should we deal with them? The following is a simple analysis of the reasons for the abnormal reset of the laser cutting machine.

Since the laser cutting machine has been used, there have been many precautions. The laser cutting machine is not only the technology used in the process of use, but also needs to be corrected to solve the problem.

Missing engraving of the laser cutting machine, incorrect initialization, sent data (correction); reverse order (re-input); static interference (check if the ground wire is off); cleaning hook edge dislocation, not closed, check whether the software parameter settings are correct (re-enter) setting); the computer system is wrong (reinstall the system and software); check whether the left and right belts are the same tightness or whether the rear end belt is too loose (tighten the belt);); Check that the beam is parallel (readjust the left and right belts).

The reasons for the abnormal reset of the laser cutting machine include the following aspects:

1. The X-axis and Y-axis of the laser cutting machine move in the opposite direction and hit the side end. For this phenomenon, check whether the parameters of the main board are wrong, and stop the machine to check whether there is a problem with the parameter settings of the main board.
2. The control panel of the laser cutting machine displays normally, but the X-axis and Y-axis do not move. You can try to unplug the sensor terminal on the main board to see if the machine works. In this case, you need to consider replacing the sensor.
3. The crossbeam resets normally, but the X-axis of the laser cutting machine does not reset. The motor wire or the motor shaft may be broken. In this case, the motor wire or the small motor should be replaced.
4. The direction is correct when resetting, but when it reaches the apex, the X-axis or Y-axis cannot stop (check the mainboard parameters first). If it is correct, check the mainboard or sensor for this phenomenon, and replace it.

