

# LASER ENGRAVING MACHINE FAILURE ANALYSIS AND TROUBLESHOOTING

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## REDSAIL M6090E LASER CUTTING MACHINE

Manufacturer of Co2 Laser Cutting Machine and CNC Laser Cutting Machine with Competitive Price

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## **Alarm failure**

The overtravel alarm means that the machine has reached the limit position during operation, please follow the steps below to check:

1. Whether the designed graphic size exceeds the processing range.
2. Check whether the connecting wire between the machine motor shaft and the lead screw is loose, if so, please tighten the screws.
3. Whether the machine and computer are properly grounded.
4. Whether the current coordinate value exceeds the range of the soft limit value.

## **Overtravel alarm and release**

When overtravel, all motion axes are automatically set in jog state, as long as the manual direction key is pressed all the time, when the machine leaves the limit position (that is, the overtravel point switch), the connection motion state will be restored at any time.

Pay attention to the direction of movement when moving the workbench, and it must be far away from the limit position.

The soft limit alarm needs to clear XYZ to zero in the coordinate setting