

# MAINTENANCE TIPS FOR LASER CUTTING MACHINE

*Posted on 2023-03-13 by redsail*



Category: [Laser Cutter News](#)



Laser cutting machine plays an important role in the manufacturing industry. Its service life directly affects the production speed of enterprises. In the daily use of mechanical equipment, what maintenance skills should be paid attention to in order to improve the efficiency of the laser cutting machine? If you don't know, let Xiao Bian explain to you:

- 1) Always check the steel belt and make sure it is tight. Otherwise, if there is a problem in the operation, it may hurt people or even cause death. The steel belt looks like a small thing, but the problem is still a little serious.
- 2) Check the straightness of the track and the perpendicularity of the machine every six months, and timely maintain and debug in case of any abnormality. Without this, it is possible that the effect of cutting is not very good, and the error will increase, affecting the cutting quality. This is the most important and must be done.
- 3) Use a vacuum cleaner to remove dust and dirt from the machine once a week, and all electrical cabinets should be closed tightly to prevent dust.
- 4) Each guide rail shall be cleaned regularly to remove dust and other sundries, and the rack shall be regularly wiped and lubricated to ensure the normal operation of the equipment without sundries. The guide rail should be cleaned and lubricated frequently, and the motor should also be cleaned and lubricated frequently, so that the machine can move better and cut more accurately, and the quality of the cut products will be improved.
- 5) The dual-focus laser cutting head is a vulnerable item on the laser cutting machine, which is damaged due to long-term use.

The fiber laser cutting machine needs regular inspection and maintenance. In case of deformation or other forms, you should know that the laser cutting head has been damaged and should be replaced. Without replacement, the cutting quality will be affected and the cost will be increased. Some products may have to undergo secondary processing to reduce production efficiency. The laser cutting head should be produced by Xinquanli Laser, and should be carefully checked when purchasing to avoid problems when using it.