

MASTERING THE OPERATION SKILLS OF LASER CUTTING MACHINE CAN IMPROVE PRODUCTION EFFICIENCY

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REDSAIL CM1390E LASER ENGRAVING/CUTTING MACHINE

2-Way Pass-Through
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In modern processing and manufacturing, [laser cutting machines](#) play an important role. Many companies have given high marks after using laser cutting machines. Laser cutting machines can not only reduce the production cost of enterprises, but also improve work efficiency. In fact, this is closely related to the correct operation of the laser cutting machine. If you master the basic knowledge of laser cutting machine, you can easily cut out the desired workpiece effect and prolong the service life of laser cutting equipment.

1. For metal CNC laser cutting machine, the important part is the laser cutting head. The CNC laser cutting head is very fragile and easy to be damaged on the laser cutting machine, which needs our care. If it is not maintained for a long time, it may cause the cutting head to stop working. Therefore, the focus of the operation method is to master the maintenance of the laser cutting head. In addition, you need to check the straightness of the cutting machine track and the flatness of the machine tool. If abnormalities are found, adjustments need to be made in time. Otherwise, the cutting error value of the workpiece will be increased, which will seriously affect the cutting quality and reduce the cutting speed.

2. The working environment of the laser cutting machine should be cleaned frequently, which should also be paid attention to in the operation essentials. Laser cutting machines will produce a lot of processing waste powder when processing workpieces. If it is not cleaned frequently, it will cause dust to accumulate, which will lead to inaccurate cutting accuracy of the laser cutting machine and the phenomenon of frame jamming. The hazards are great, so the surrounding environment must also be kept clean.

3. Finally, often apply some lubricant on each gear part of the laser cutting machine to reduce mechanical wear and keep the machinery running normally.

For every enterprise, it is very important to master the operation points of the above-mentioned laser cutting machine. It can not only guarantee production to a large extent, but also extend the service life of the machine.