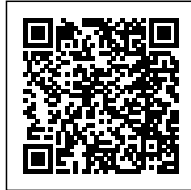


ANALYZE THE FAULT OF LASER CUTTING MACHINE

Posted on 2023-06-27 by redsail



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Laser cutting machine is a relatively precise mechanical processing equipment, any small problem will lead to the performance of the whole equipment, so the whole production and assembly process of laser cutting machine manufacturers is very strict. In addition, after the production of the entire laser cutting machine equipment is completed, there will be a debugging and running stage to test the stability of the equipment, and occasionally some minor problems will inevitably occur.

Let's analyze the failure of the laser cutting machine through some small problems.

Laser Cutting Technology

- A. There are serious burrs when laser cutting sheet metal. In this case, first analyze whether the laser power is up to standard, then check whether the laser is working normally, and then carry out correct debugging. Secondly, analyze whether the focus of the laser cutting machine is accurate, and then adjust it according to the offset.

- B. Laser cutting machine cuts opaque workpieces. In this case, first check whether the reflector is intact or dirty, which directly affects the conductivity of the laser. Second, check whether the laser tube has attenuation marks. If the energy is not reached, it will have a great impact on cutting performance. Remember to replace it in time.

- C. The beam shakes when the laser cutting machine is running. The probability of such clarity is relatively low. Generally speaking, this situation is caused by the lax manufacturing process. A large part of the reason is that the gap between the sliders is too large and the contact between the motor and the driver is poor, which should be dealt with and resolved in time.