

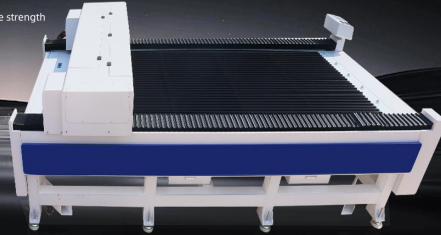
THE MAIN REASON FOR THE OVERLOAD PROBLEM OF LASER CUTTING MACHINE

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When you encounter overloading in the process of using the [metal CNC laser cutting machine](#), you must pay attention to it. In many cases, its overloading will have a very serious impact. It will have a considerable impact. I wonder if everyone knows how to deal with it?

Not only the utilization rate of the plate is rapidly increased, but also the cutting quality and production efficiency are significantly improved. Laser cutting machine can cut parts of various shapes and has strong versatility. The cutting quality of the structural parts directly affects the welding quality of the workpiece and the overall performance of the product. However, some operations in use often lead to overloading of the laser cutting machine. What are the specific problems?

1. The cutting thickness is unreasonable, mainly because the cutting thickness exceeds the allowable range of the power supply and the nozzle. When we purchase a CNC plasma cutting machine, the manufacturer of the CNC laser cutting machine will choose a suitable plasma for it according to the processing conditions of the enterprise. Power supply and cutting nozzle model, this can reduce the purchase cost for the enterprise, and can also make the cutting effect meet the requirements, or the cutting effect can reach the optimal state. However, many enterprises fail to operate correctly when using it, and the thickness of the cut material will exceed the allowable range, resulting in damage to the electrode cutting nozzle and plasma power supply. Generally speaking, the usual perforation thickness is half of the normal cutting thickness.

2. The use of the nozzle is not standardized. When using it, many people always turn on the current intensity of the power supply to the maximum to improve the cutting speed and efficiency, which will overload the electrode nozzle and damage the nozzle. Generally speaking, the current intensity should be about 90% of the working current of the nozzle. In the future, if you encounter the above problems in the process of using the laser cutting machine, you can refer to the above methods for maintenance.