

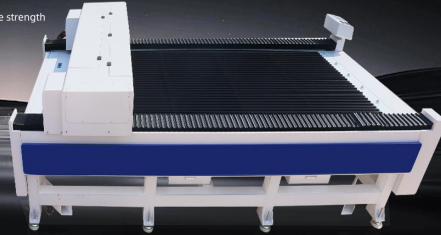
# HOW TO IMPROVE THE EFFICIENCY OF LASER CUTTING MACHINE

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## REDSAIL CO2 GLASS LASER FLATBED CUTTING MACHINE WITH HIGH EFFICIENCY

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The [laser cutting machine](#) mainly uses the laser beam to irradiate the surface and release energy to see the steel plate melt and evaporate, because the high concentration of energy can carry out rapid local melting and heating, so that the steel plate evaporates, because the energy is very concentrated, only a small amount of steel plate reaches other The part will basically not cause any deformation, and the workpiece with complex shapes can be produced by using the laser. The cut workpiece can be used directly without further processing.

Laser cutting machine has three advantages: good cutting quality, fast processing speed, clean, safe, and pollution-free. The power of laser cutting machine is certain in production, so if you want to improve efficiency, you need to control it manually.

The following Rongguang Automation will tell you how to improve the utilization efficiency of the price cutting machine. Laser cutting machine performance

#### 1. Learning and manipulation of new machines

During the operation process, the operator needs to strengthen the study of machine performance and skill proficiency in the usual work process through daily production. In the work, work should be replaced by practice, and the knowledge of all aspects of the machine should be strengthened in spare time, so that when encountering a small problem with the machine, you can solve it, and when you encounter a big problem, you can know where the problem is and help solve the problem.

#### 2. The CNC cutting program will be modified

For the CNC laser cutting machine, the program will be modified, and the straight-line cutting method will be adopted, and the cutting point will be set on the arc. The cut arc section is very clean and smooth, ensuring the quality of the parts.

#### 3. Optimize the nesting plan

After negotiating with the craft department of the workshop, the method of cutting with two girders sharing a common side will not affect the cutting effect, so the efficiency can be artificially improved.