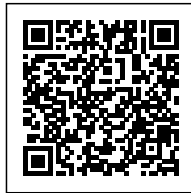


# THREE STEPS FOR SELECTING LENS OF LASER CUTTING MACHINE

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Category: [Laser Cutter News](#)



The important part inside the laser cutting machine is the lens, which is an important part to control the laser beam range and laser intensity. During use, the lens is seriously polluted by the outside world. The stain will absorb the laser and cause the temperature of the stain to rise, forming a thermal lens phenomenon, affecting the processing process. In serious cases, it will also cause the coating of the lens to burn and damage. After damage, we can't say that we need to buy a new machine, just buy a lens and replace it. This involves the selection of the internal lens of the laser cutting machine.

Three steps to select the lens of laser cutting machine:

1) It is easy to understand that the shape and size match;

2) According to different laser power, considering the use cost, K9 and quartz can be selected. In the actual application process, professional manufacturers divide these two kinds of materials into several grades, and customers can choose the corresponding specifications according to the actual needs

3) Coating, laser antireflection coating, different coating technical parameters are adopted according to the use environment. Although the protective lens of the laser cutting machine is a vulnerable part, in order to improve its utilization rate and reduce production costs, the purpose of reuse can be achieved by regularly cleaning the protective lens.