

TAKE YOU TO UNDERSTAND THE APPLICATION RANGE OF LASER CUTTING MACHINE

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Laser cutting process replaces the traditional mechanical knife with an invisible beam. It has the characteristics of high precision, fast cutting, not limited to cutting patterns, automatic typesetting saves materials, smooth incision, and low processing cost. It will gradually improve or replace it. Traditional metal cutting process equipment. The mechanical part of the laser cutter head of the laser cutting machine has no contact with the workpiece, and will not scratch the surface of the workpiece during work; the laser cutting speed is fast, the incision is smooth and flat, and generally no subsequent processing is required; the cutting heat-affected zone is small, and the deformation of the plate is small. The slit is narrow. With the continuous development of laser technology, laser cutting machines have gradually replaced traditional cutting methods with their flexibility and flexibility.

Laser cutting machine is a processing machine that everyone is familiar with now. According to the classification of cutting materials, it can be divided into metal cutting machine and non-metal cutting machine. So in which industries can it be used? Mainly in the following major industries:

laser cutter

Kitchenware industry: The traditional processing methods in the kitchenware production industry face problems such as low work efficiency, large consumption of molds, and high cost of use. The laser cutting machine has fast cutting speed and high precision, which improves the processing efficiency, and can realize customization and personalized product development, solve the problems of kitchen utensil manufacturers, and has won the recognition of kitchen utensil manufacturers.

Automobile manufacturing industry: There are also many parts and materials in automobiles, such as automobile brake pads, etc. In order to improve the stability of the automobile, it is necessary to ensure the cutting accuracy. Faster batch processing, high precision, high efficiency, no burrs, one-time molding and other advantages, these are the reasons why laser cutting machines are widely used in the automotive industry.

Advertising metal lettering industry: Traditional advertising processing equipment generally uses materials such as advertising fonts to process. Due to the processing accuracy and unsatisfactory cutting surface, the probability of rework is quite high. High-precision laser cutting technology does not require secondary rework, which greatly improves work efficiency and saves enterprise costs.

Sheet metal processing industry: With the rapid development of sheet metal processing technology, traditional sheet metal cutting equipment can no longer meet the current process and cutting shape

requirements. Laser cutting has gradually replaced traditional equipment by virtue of its high level of flexibility and fast cutting speed. , the wide application of fiber laser cutting machine in sheet metal processing is an inevitable trend.