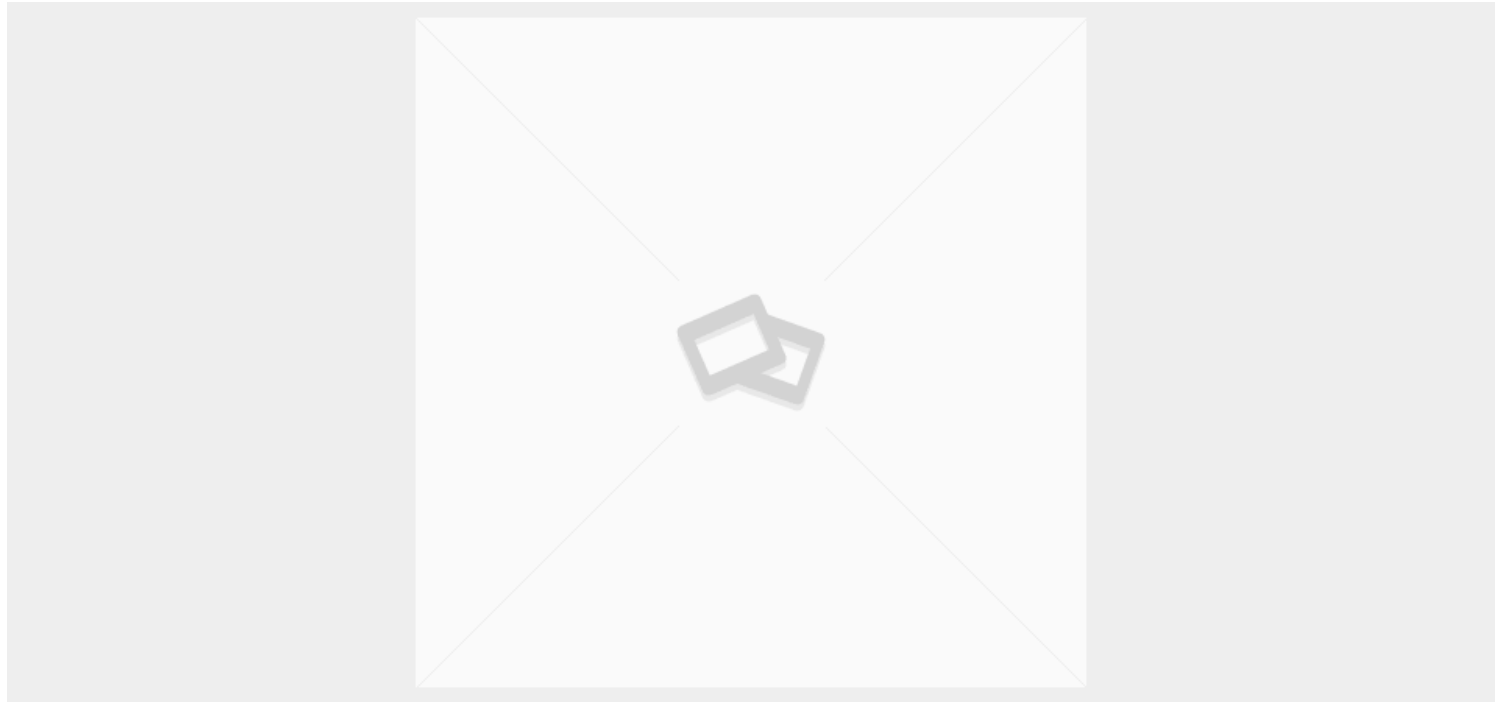


# WHAT IS PRECISION LASER CUTTING?

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Precision can accurately cut metal or non-metal parts, with high cutting precision, fast speed and small thermal effect.

#### Advantages of precision laser cutting:

##### good cutting quality

Due to the small laser spot, high energy density and fast cutting speed, laser cutting can obtain better cutting quality.

##### High cutting efficiency

Due to the characteristics of laser transmission, laser cutting machines are generally equipped with multiple CNC workbenches, and the entire cutting process can be numerically controlled. In the process of operation, only by changing the CNC program can it be suitable for cutting parts of different shapes, and can perform two-dimensional cutting and three-dimensional cutting.

##### Fast cutting speed

##### Non-contact cutting

During laser cutting, there is no contact between the cutting torch and the workpiece, and there is no wear on the tool. Parts of different shapes do not need to change the "tool" and only need to change the output parameters of the laser. Laser cutting has low noise, little vibration and no pollution.

##### Wide variety of cutting materials

There are a wide variety of laser cutting materials, including metals, non-metals, metal-based, non-metal-based composites, fibers, and more. But for different materials, due to their own thermophysical properties and laser absorption rate, the adaptability of laser cutting is also different.