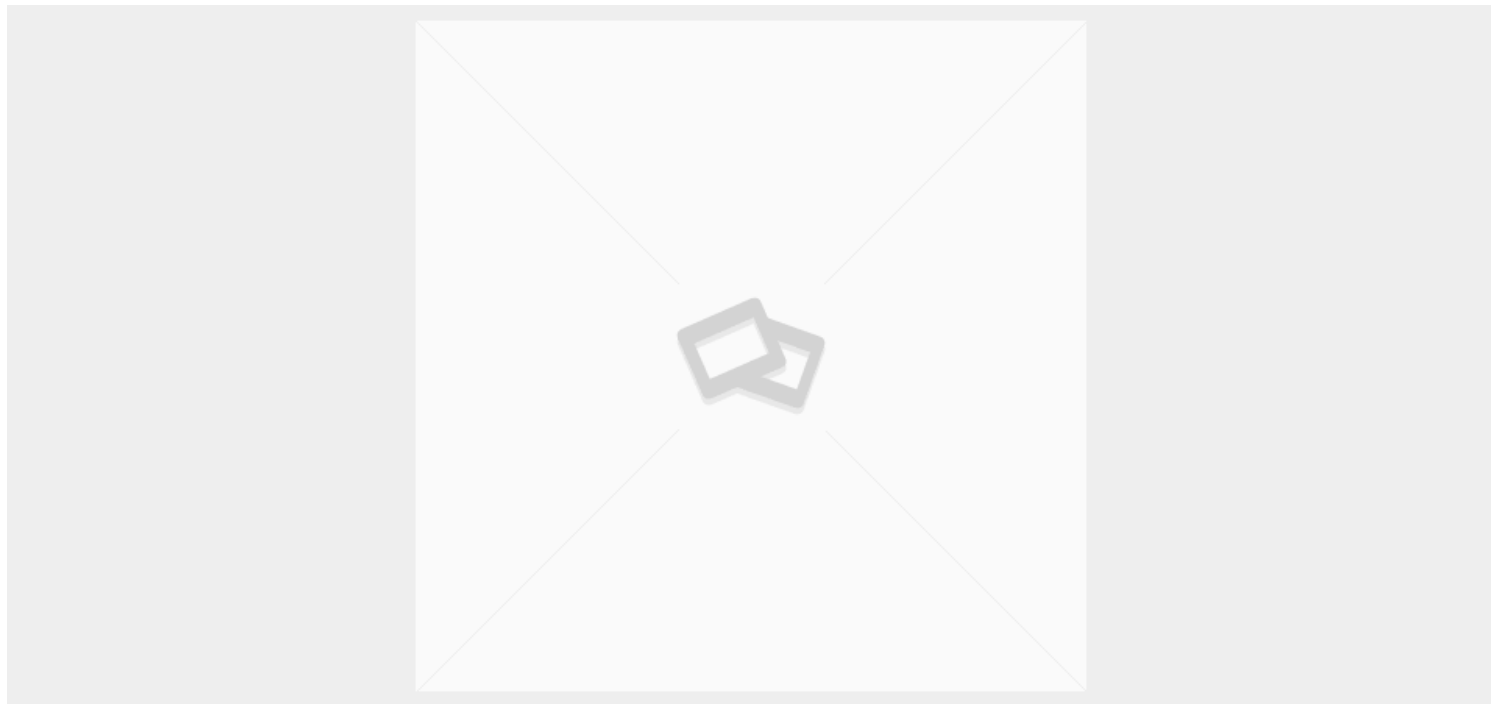


WHAT IS THE DIFFERENCE BETWEEN LASER CUTTING MACHINE AND PLASMA CUTTING MACHINE?

Posted on 2023-06-13 by redsail



Category: [Laser Cutter News](#)





laser cutting machine

1. Laser cutting is much more precise than plasma cutting, the heat-affected zone is much smaller, and the kerf is much smaller;
2. If precision cutting is required, it is hoped that the kerf is small, the heat-affected zone is small, and the deformation of the plate is small. It is recommended to choose a laser cutting machine;
3. Plasma cutting uses compressed air as the working gas and high-temperature and high-speed plasma arc as the heat source to melt the metal to be cut. At the same time, the molten metal is blown away by the high-speed airflow to form a cut;
4. The heat-affected zone of plasma cutting is relatively large, and the slit is relatively wide, which is not suitable for cutting thin plates, because the plates will be deformed when heated;
5. The price of laser cutting machine is a little more expensive than plasma cutting machine.