

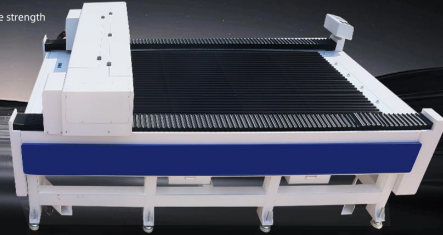
UNIQUE ADVANTAGES OF SMALL PRECISION FIBER LASER CUTTING MACHINE IN PROCESSING

Posted on 2023-07-03 by redsail

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Various laser cutting technologies have their inherent advantages and disadvantages, but it seems that [fiber laser cutting machine](#) has more advantages than other processes. Fiber laser technology has been under the radar in recent decades, but the benefits it offers are rapidly becoming apparent among metal manufacturers across the country.

Optical fiber precision laser cutting machine itself has many advantages, and many application industries have been derived from it. For example, the processing of stainless steel, carbon steel, and manganese steel is inseparable from optical fiber laser cutting machine. High-precision optical fiber laser cutting machine is very good with other laser cutting machines. The difference is small format, small power, small size, high precision and fast speed. With the continuous update and development of precision fiber laser cutting machines, more advantages will bring more convenience. Let's understand the product features and advantages of small precision fiber laser cutting machines.

Precision Laser Cutting Machine

The unique advantages of small precision fiber laser cutting machines in processing are mainly manifested in:

1. The small precision fiber laser cutting machine ensures a small range of cutting and processing, which is more suitable for some small metal materials, such as advertising kitchen utensils and so on. Relatively speaking, the power is lower than ordinary fiber laser cutting machines.
2. The small precision fiber laser cutting machine has low cost and is very suitable for small enterprises or enterprises with small processing volume. The miniaturized, precision fiber laser cutting machine takes up less space, so it is more convenient for placement and handling.
3. The miniaturized and precise fiber laser cutting machine has high precision, and the focal spot is thinner, the cutting precision can reach 0.1mm, and the cutting surface is also very flat and smooth. In addition, its cutting speed is also very fast, which is more than 100 times that of wire cutting.
4. The cost of the small precision fiber laser cutting machine is low, its price is only one-third of the fiber laser cutting machine with the same performance, it is two-fifths of the equivalent CNC punching machine, and the use cost is low.

In addition, the maintenance cost of the small precision fiber laser cutting machine is relatively low. It is most suitable for all kinds of precision metal products industries such as glasses industry, craft gifts, hardware accessories, electronics, electrical appliances, etc.

With laser cutting equipment, intricate high-edge cuts can be made with precision. A high-precision laser beam can quickly, cleanly, and efficiently manufacture close-tolerance components with little operator intervention. Advanced software and narrow cuts allow parts to nest tightly, maximizing yield and minimizing material waste.