

Why is the best useful machine for fiber laser cutting machine on the currently market ?

On the currently market, there are three the most mainstream laser cutting equipment, fiber cutting machine, YAG laser cutting machine, co2 laser cutting machine. If you have not experienced these three cutting equipment, it is difficult to choose which laser cutting machine is best to use. This is also a lot of customers in the selection of the above encountered the most entangled questions, tell you today, considering the point of view, fiber laser cutting machine is the best.



Fiber laser cutting machine is through the optical fiber transmission, it has a substantial increase in flexibility, less trouble points, easy maintenance, cutting speed, especially when cut within 4m m sheet, the fiber cutting machine has a very big advantage . But "no one is perfect", the equipment is also the case, it is poor

in cutting plate by the impact of solid laser wavelength. In addition, the fiber laser wavelength is 1.06um, not easily absorbed by non-metallic materials, it can not cut non-metallic materials.

Fiber cutting machine has been able to quickly gain a foothold in the market and gradually replace the traditional cutting process, it is because of its technical advantages, providing the necessary technology in order to achieve the finished product. The main advantages of fiber cutting machine is its transmission medium and light source, fiber laser is a diode as a light source, in the optical fiber as a transmission medium, to lossless light transmission to the laser cutting head. Because of this, optical fiber laser photoelectric conversion rate of up to 25% or more, in the electricity consumption, supporting the cooling system and other advantages are quite obvious. Fiber laser cutting machine is low maintenance cost, basically no supplies, but can be also capable of working environment, the dust, shock, humidity, temperature, etc. It has a high tolerance for these environment. In addition, it can be achieved with low power to achieve high-power cutting effect, reducing the cost of cutting to low energy consumption, to achieve high efficiency, bring greater benefits.