

ADVANTAGES OF LASER CUTTING CARBON FIBER

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Carbon fiber laser cutting uses a CO2 laser cutting machine to cut carbon fiber. The principle of CO2 laser cutting is: the laser generator generates a laser beam, and the laser beam is irradiated on the carbon fiber. Then part of the carbon fiber is instantly melted and vaporized, forming a narrow gap.

Compared with traditional mechanical cutting, laser cutting carbon fiber has many obvious advantages:

First of all, the laser cutting machine adopts an intelligent cutting control system. And the control system can automatically optimize typesetting to reduce material waste.

Second, laser cut carbon fiber panels have smooth cut edges with few burrs.

Third, laser cutting has no wear on the cutting head and the material. Thereby greatly reducing processing costs and improving product quality.

In addition, laser cutting has high cutting precision and small error. And can meet the strict processing standards of precision parts.

Last but not least, laser cutting works automatically. For beginners, it is easy to learn and operate. And bring a good processing experience to users.