

WHAT ARE THE SELECTION CRITERIA FOR TUBE LASER CUTTING MACHINES?

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What are the selection criteria for tube laser cutting machines? Such as brand, manufacturer, price and many other factors...

What are the selection criteria for tube laser cutting machines?

The most important thing is to determine what is the nature of production? Moreover, it is necessary to make an effective selection according to the processing material or the thickness of the cutting.

Only in this way can you determine that the equipment you need to purchase is the most suitable machine model, and pave the way for subsequent procurement work. How to choose a laser cutting machine will have more selection criteria in this regard.

Cutting precision

When purchasing a pipe laser cutting machine, you must also look at their cutting accuracy. Basically, they can be controlled between 0.15mm and 0.215mm.

Smoothness of cutting surface

During the actual cutting process of the pipe laser cutting machine, the smoothness of the cutting surface is also very important. It depends on whether there are some burrs on the cutting surface.

Generally speaking, the laser cutting machine has some burrs more or less, which are basically determined by the thickness of the cutting or the gas used. There are no burrs below 3 mm. The smoothness of the cutting surface is greatly affected by the auxiliary gas. The fiber laser cutting machine has relatively few burrs, and it can even be said that the surface cut without burrs is very smooth.

Relationship with materials

If a laser cutting machine is used for cutting, the deformation effect of the cutting material of good equipment is very small. On the contrary, it will be less effective

It is greatly affected by the power of the machine

Most manufacturers have their own power requirements for laser cutting machines and other equipment. Judging from the existing situation, most factories also cut metal sheets below 6 mm, so there is no need to buy high-power cutting machines.