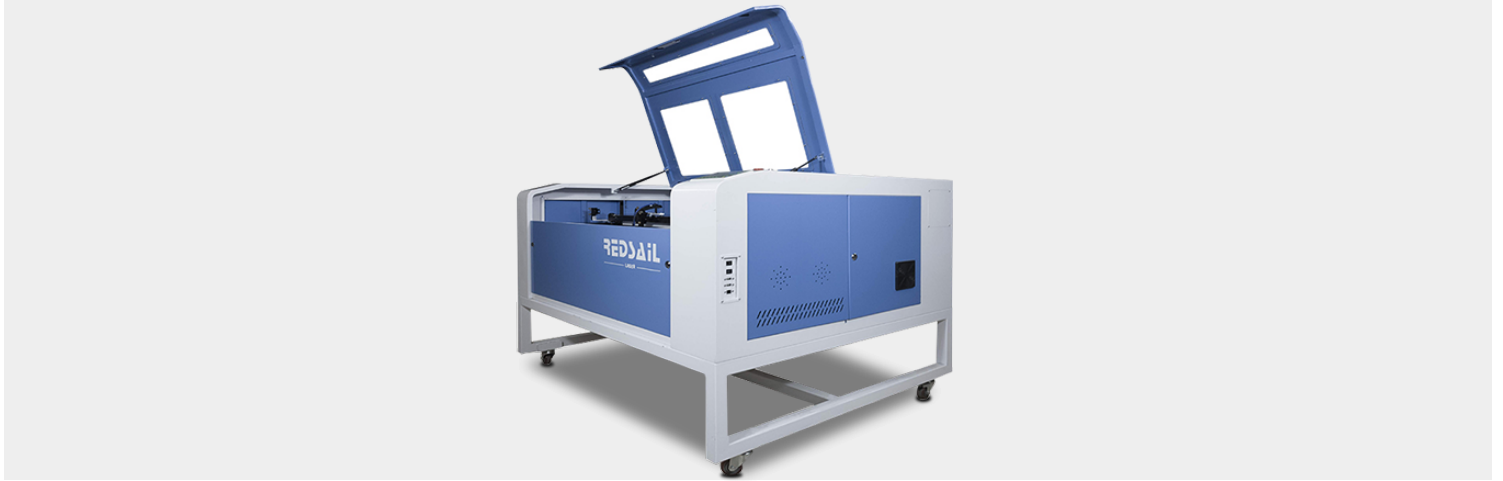
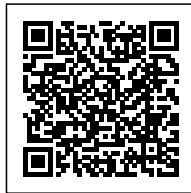


PRECAUTIONS WHEN LASER CUTTING MACHINE CUTS ROUND HOLES

Posted on 2023-08-23 by redsail



Category: [Laser Cutter News](#)



Generally, holes are punched before the overall cutting, so the question is, what should be paid attention to for the round holes of the [fiber laser cutting machine](#)?

One: Pay attention to the blowing air pressure

It is necessary for the process proofer to select the appropriate air pressure based on experience, and then make the cut round hole more plump.

Two: Pay attention to the size of the round hole

The best solution for fiber laser cutting machine to cut round holes is that the ratio of round holes is 1:1. Of course, the larger the aperture, the easier it is to cut high-quality round holes.

Three: pay attention to the parameters of the motor

The round hole sometimes appears elliptical or irregular, which is related to the mismatch of the X\Y axis movement. The direct cause of the mismatch of the X\Y axis movement is the improper adjustment of the servo motor parameters.

Four: Pay attention to the accuracy error of guide rail and screw

Errors in the accuracy of guide rails and lead screws will also directly cause the accuracy of round holes to fail to meet expectations. This is related to the strength of the laser cutting machine manufacturer. In the actual operation process, the quality and effect of laser drilling will be poor, which will affect the added value of the product. Therefore, it is necessary to choose high-quality and large-brand laser cutting machines.