

# CAUSES AND SOLUTIONS OF EXCESSIVE LASER CUTTING BURRS

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## **There are five reasons for excessive burrs in laser cutting:**

1. The focus position of the laser head is wrong.
2. The power parameter setting of the laser is incorrect.
3. The straight line speed of cutting is slow or fast.
4. The pressure of the cutting gas is too high or too low.
5. The laser does not come out from the center of the nozzle.

## **The laser cutting machine reminds you that you can use the following methods to solve it:**

1. It is necessary to do a focus position test and adjust it according to the offset of the focus.
2. It is necessary to check whether the laser parameters are set correctly, and use a laser power meter to test the actual output power of the laser.
3. It is necessary to experiment with different cutting speeds during the cutting process.
4. When cutting with oxygen, the air pressure is increased for thin plates, and the air pressure is decreased for thick plates.
5. It is necessary to conduct a laser dot test under the nozzle to find out the center point.