

# AUTOMATIC EDGE FINDING FUNCTION OF LASER CUTTING MACHINE

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At present, with the upgrading of [laser cutting technology](#), the efficiency and quality of laser cutting machine cutting have been rapidly improved to meet the needs of many users. CNC laser cutting machines have changed from a single function to a multi-functional device, and expanded from a single industry application to In the applications of all walks of life, and the application scenarios are still increasing, why does the laser cutting machine need the automatic edge-seeking function?

Lingxiu laser cutting machine manufacturers will take you to understand the automatic edge-seeking function of the laser cutting machine and the benefits and benefits of automatic edge-seeking Advantage.

What is automatic edge detection of laser cutting machine? Under the cooperation of camera positioning vision system and computer software, laser cutting machine can automatically track and compensate the metal sheet throughout the whole process to ensure precise cutting. If the sheet is skewed on the workbench, it may cause waste when cutting. However, when the cutting head of the laser cutting machine can perceive the inclination angle and origin of the sheet, the cutting process can be adjusted to suit the angle and position of the sheet and avoid waste of raw materials. This is the so-called automatic edge-seeking function of the laser cutting machine. .

In the automatic edge-finding function of the laser cutting machine, it is mainly set at X and Y positioning. It can also be simply thought that according to the size of the product and the cutting pattern of the product, the sensor will automatically recognize it after starting, and the CCD has recognition and recognition functions. More functions, which is why many customers will add this function. In addition, Qunying Laser Enterprise is selected because of the good quality of equipment, excellent production technology, smooth service system and other reasons.

The advantages and benefits of automatic edge-seeking of laser cutting machine The automatic edge-seeking cutting process of laser cutting machine reflects the advantages of many, fast, good and economical fiber laser cutting machines. .

After the laser cutting machine starts the automatic edge finding function, the cutting head can start from a specified point, and then automatically measure several points on the two vertical sides of the sheet, and automatically calculate the inclination angle of the sheet and the to complete the cutting task. As we all know, the workpiece on the workbench weighs hundreds of kilograms, so it is not easy to adjust and move it. After using the automatic edge finding function of the fiber laser cutting machine, it can save the time of adjusting the workpiece and improve the efficiency of the machine. With the continuous upgrading of science and technology, laser technology has boosted the transformation of CNC laser cutting machines from a single function to a multi-functional device,

from a single industry application to various industries, and the scope continues to expand. Efficiency and quality are quickly improved to meet the needs of many users.