

Fiber Laser Cutter GS-LFD3015

Laser cutting advantages over other thermal cutting methods

1. Highly automation:

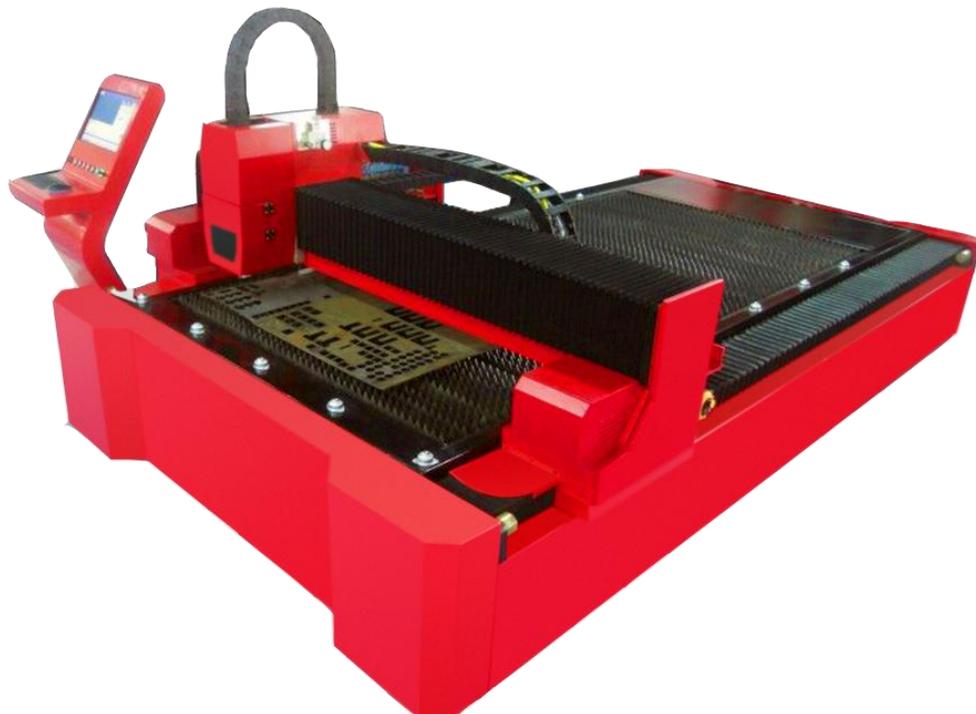
Adopts digital control, you only need to use CAD to draw the picture and import to specialized software, laser cutting machine can cut out the artifacts you need, moreover there is intelligent typesetting function, thus can save raw material costs to the greatest extent.

2. High cutting efficiency:

Due to the transmission properties of laser, laser cutting machine has equipped with many sets of CNC work bench to realize numerical control. You only need to change the CNC program to cut different shape, as well as for two-dimensional cutting, and three-dimensional cutting.

3. Fast cutting speed:

The cutting speed can be up to 600 cm/min when using 1200W laser to cut 2mm low carbon steel plate, and can up to 120 m/min when cutting 5mm polypropylene resin plate. Material does not need clamping fixed for cutting, thus can save the jig and auxiliary time for material upload and download.



High Strength Whole Welding Cutting Bed



1 Our gantry-type flying optical path structure working table has been annealed to relieve internal stress strictly, thus significantly improves the rigidity and stability of the CNC laser cutter.

2 The working table have been handled with high temperature annealing and large CNC gantry milling machine precision processing, can maintain long-term stability and shock resistance, and ensure the precision of the CNC laser cutter.

3 One piece casting aerometal girder with light weight has good dynamic performance. Machining after tempering ensures the integrity, rigidity and stability of the girder.

4 Pneumatic cylinder, convenient to loading materials; pneumatic clamp, assure the located accuracy.

Application Industry

Widely used in sheet metal processing, aviation, aerospace, electronics, electrical appliances, tube fittings, automobile, food machinery, engineering machinery, precision parts, ships, metallurgical equipment, elevators, household appliances, kitchen utensils and appliances, craft gifts, tool processing, decoration, advertising and other manufacturing industries.