

GS-LFD3015 Metal Laser Cutter

Laser cutting advantages over other thermal cutting methods

1 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.

2.High cutting efficiency:

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3.Variety cutting material:

Compared with oxyacetylene cutting and plasma cutting, laser can cut many kinds of materials, including metal,nonmetal, metal and nonmetal based composite material, leather, wood, fiber,etc.But for different material,it shows different laser cutting adaptability due to its thermal physical properties and different laser absorption rate.



Parameters

Model	GS-LFD3015
Laser source medium	Fiber
Laser power	500W~1500W
Cutting range(L*W)	3000mm × 1500mm
Z axle stroke	100 mm
Max positioning speed	120m/min
Max height of feeding material	more than 120mm
Cooling form	water cooling
Laser wavelength	1070nm
Min. cutting gap	≤0.1mm
Positioning accuracy of X, Y and Z axles	±0.03 mm
Repeated positioning accuracy of X, Y and Z axles	±0.01 mm
Drive model	Imported servo motor
Power requirement	380V,50/60Hz
Working temperature	5°C-45°C
Continuous working time	24 Hours
Outer dimension	4270mm x2280mm x 1750mm
Total protection level of power supply	IP54

Raytools Laser Cutting Head



Laser cutting head of stable performance and convenient operation and maintenance

- 1 non contact capacitor auto tracking system , Z-axis floats stability, auto adjusts optimal focal distance.
- 2 Two different focus lenses, adapt to cutting various thickness materials, assure the optimal cutting effect.
- 3 The laser cutting head can bear 2.0Mpa pressure, high pressure gas path, improve cutting ability for the

materials difficult to cut such as stainless steel.