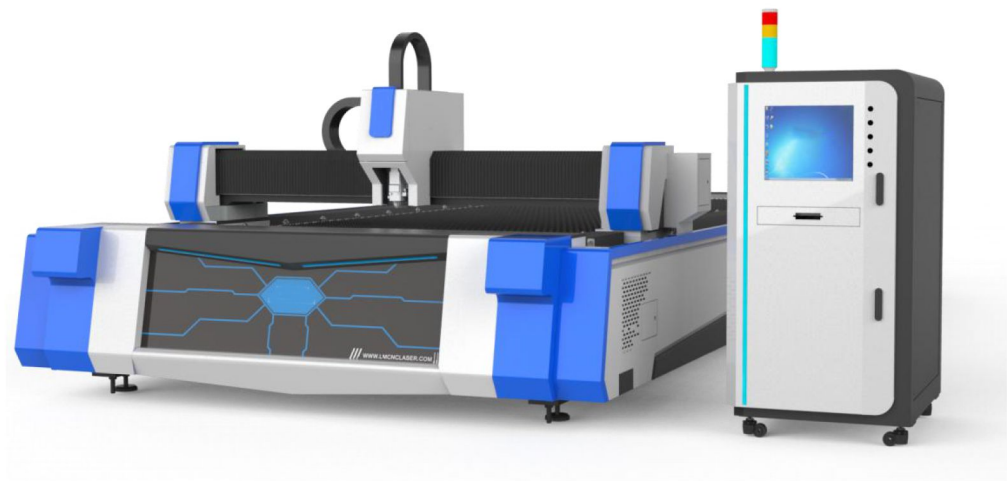


1. Introduction



SF3015G3 fiber laser cutter reaches the top level in China, which is customers' best choice in metal industry. The bed is welded by precise welding process after annealing and aging treatment, and the beam is airborne aluminum castings. For the more, the thickness of the bed steel plate is 12 mm and the running speed can reach 100 m/min.



Technical Parameters

Model	SF3015G3
Working size	3000mm*1500mm
X-axis travel	3000mm
Y -axis travel	1500mm
Z -axis travel	220mm
Laser power	1500W
X/Y Axis positioning accuracy	±0.05mm/m
X/Y Axis repeated positioning	±0.02mm
Maximum velocity of movement	100m/min
Machine weight	5400KG
Outline size	4720*2690*2100mm

2. Characteristics

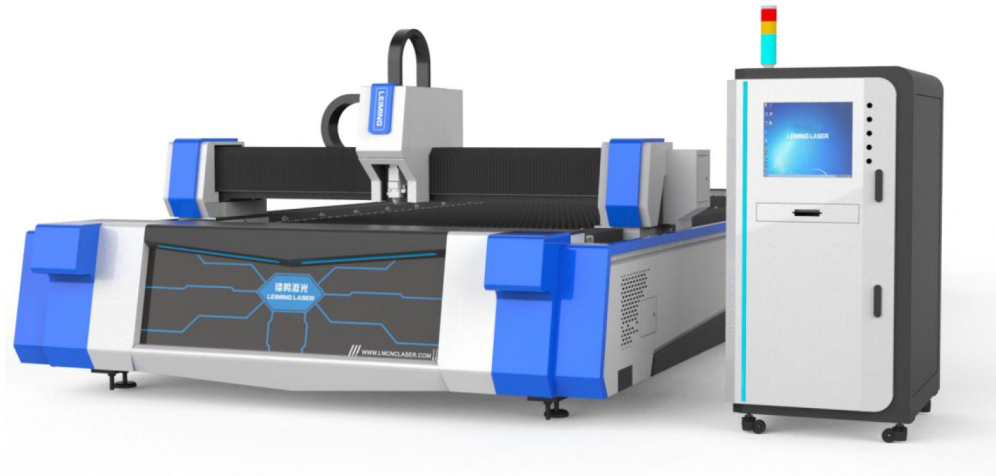
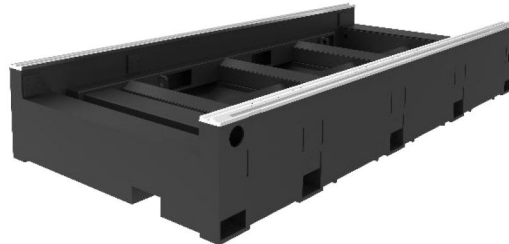


Plate Welded Bed

High temperature annealing to reduce internal stress and deformation



Stable Beam

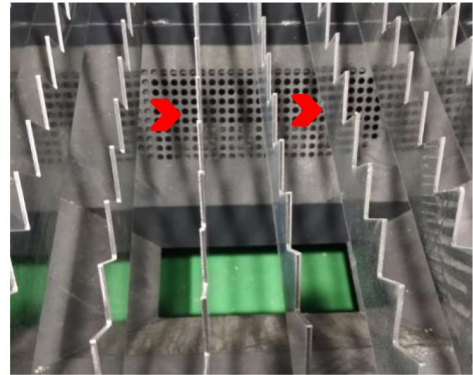
Integral die-casting beam, high precision, not easy to deform, long life

The appearance of laser head cover is beautiful, which is helpful for observing red light and cooling, cleaning dust, avoiding long-term high temperature and damaging internal devices.



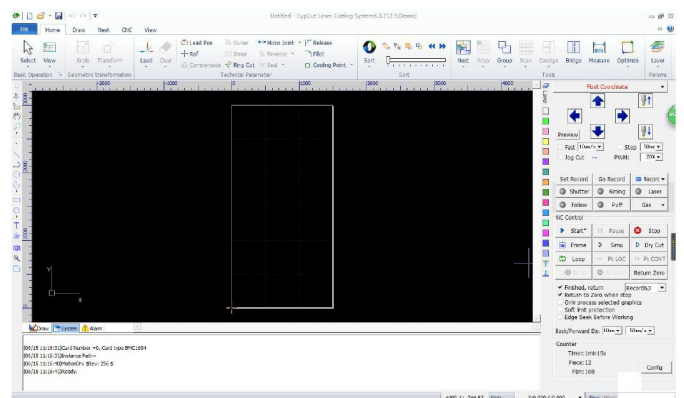
Exhaust Outlet

Push-pull partition smoke, combined with upper and lower exhaust



Installation of cutter blade dislocation insertion, firm installation, not easy to loosen and fall off

SF3015G3 laser cutting machine adopts CypCut control system , having Intelligent diagnosis, multi-threading operation, three-stage perforations, functional control laser ,self-adaptive edge-finding, automatic corner deceleration, flight cutting, switching table, mechanical accuracy compensation, etc.



Independent distribution cabinet

Ensure that electronic components are not interfered when the machine is running, and ensure the stability of various parameters.

Push-pull keyboard

Both aesthetic and practical Internal wiring layout neatly in electric control cabinet , also perfect layout of electronic components.



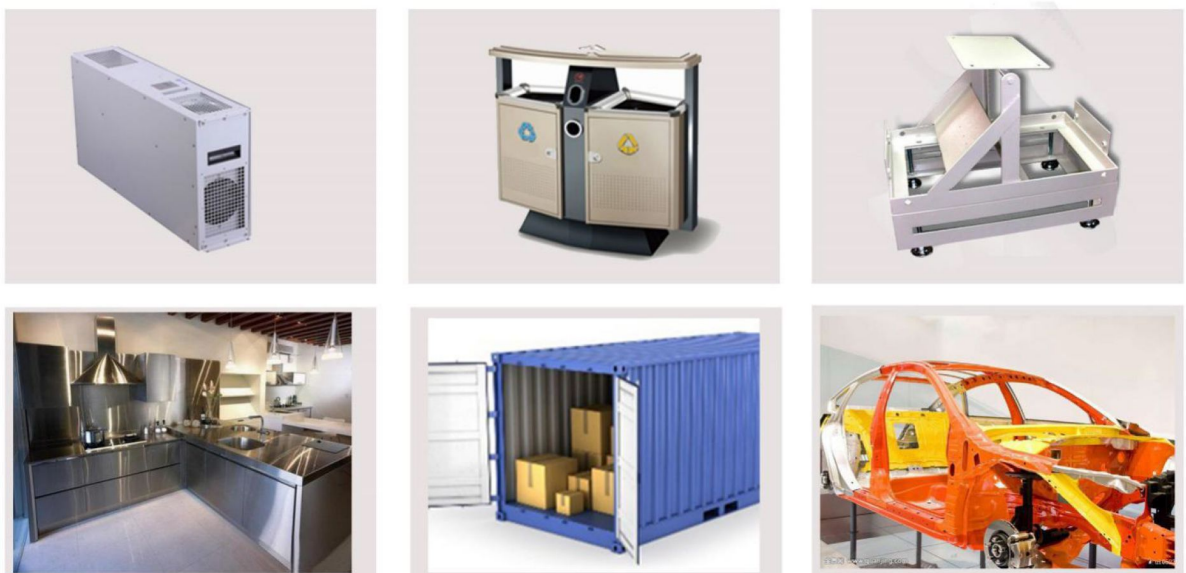
Application & Capability

1. Cutting materials: carbon steel, stainless steel, aluminum alloy, brass, copper, galvanized steel, silicon steel plate, electrolytic plate, titanium alloy, manganese alloy;

2. Cutting range: 0.5-16mm carbon steel, 0.5-6mm stainless steel, 0.5-6mm aluminum alloy, 0.5-3mm brass;



3. Applied industries: rail transit, automobile, machinery, electrical manufacturing, elevator manufacturing, household appliances, kitchen and sanitary ware, advertising, and other machinery manufacturing and processing industries.



Configuration

Configuration list	
Model	RT1530G3
Laser device	1000-4000 W
Laser head	Raytools
Controlling system	CypCut
Machine body	SENFENG LMN
Linear guide	THK
Motor and driver	SCHNEIDER
Reducer	MOTOREDUCER
Water cooling	Specialized
Dust exhausting fan	Specialized
Document	Operating