

## METAL FIBER LASER CUTTING MACHINE



**SF3015G Metal Fiber Laser Cutting Machine is the open type machine to cut carbon steel up to 20mm.**

### Product Description

- 1.Stable and reliable light path system and control system
- 2.Imported original fiber laser generator with great and stable performance to have lifespan over 100000 hours
- 3.High cutting quality and efficiency with cutting speed up to 40 m/min and beautiful, smooth cutting edge
- 4.Imported high performance reducer, gear and rack, guide rail and ball screw to guarantee stable running of X axis and Y axis.



## Detailed Images



### Machine Bed

Plate-welding machine body and high temperature tempering to prevent deformation.

### High Precision Rack and Pinion

Double-rack, double-driver; rack, guide and motor drive all use the international first-line brand, and use laser interferometer to test to ensure cutting accuracy; use the milling cutter to process the ruler more than 5 times to ensure the accuracy of the ruler, the middle of the guide rail and the ruler An adjustment block is installed for adjustment of accuracy.



### Cast Aluminum Beam

Aerospace standards cast aluminum beam, high accuracy, good toughness, light weight, corrosion resistance, anti-oxidation, low density, and greatly increase the processing speed.



### New Design Laser Head Cover

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.



## Technical Parameters

<b>Model</b>	SF3015G / SF4015G / SF6015G
<b>Working Area (mm.)</b>	3000*1500mm/4000*1500mm/6000*1500mm
<b>X-axis Travel</b>	1500mm
<b>Y-axis Travel</b>	3000mm/4000mm/6000mm
<b>Z-axis Travel</b>	220 mm.
<b>Laser Power</b>	1KW/1.5KW/2KW/3KW
<b>Maximum Speed</b>	80m/min
<b>Maximum Acceleration</b>	0.8G
<b>X/Y Axis Positioning accuracy</b>	± 0.05mm/m
<b>X/Y Axis repeated positioning</b>	± 0.03mm
<b>CNC System</b>	CYPCUT (สำหรับตัดโลหะชนิดแผ่น)
<b>Machine weight</b>	3000 KG.
<b>Outline Size</b>	4522mm*2841mm*1758mm

## Quick Details

<b>Brand Name</b>	SENFENG
<b>Place of Origin</b>	CHINA
<b>Application</b>	Laser Cutting
<b>Graphic Format Supported</b>	AI,BMP,DST,DXF,PLT
<b>Laser Head Brand</b>	RAYTOOLS,SENFENG
<b>Laser Source Brand</b>	RAYCUS,IPG
<b>Cooling Model</b>	Water Cooling
<b>Auxilliary Gas for Cutting</b>	Oxygen (O2) / Nitrogen (N2)
<b>Working Voltage</b>	AC380V./50Hz. or 60Hz.
<b>Warranty</b>	2 YEARS

## Application & Capability

### Use sheet metal material

Special machine used for Carbon steel , Stainless steel, alloy, aluminum, brass, copper, galvanized steel, silicon steel sheet, electrolyte sheet, titanium alloy, manganese alloy and other metals.



### Related industries

Widely used in Metal industry manufacture kitchen appliance, electrol Control box, Electromechanical equipment, Optical equipment, Hardware equipment, Elevator Manufacturing, Auto parts, Display device, hardware. And metal processing , Advertising design, decoration, gifts, thin metal crafts, electronics, electrical appliances, household appliances, instrument processing and other manufacturing and processing industries.



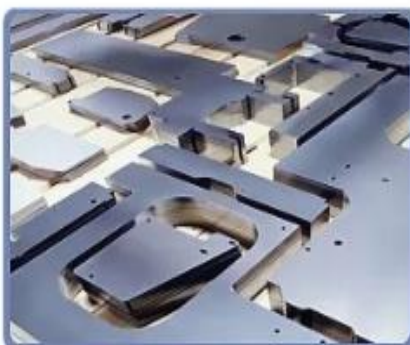
Metal Decoration



Metal Handicraft



Kitchenware



Metal sheets



Metal Words



Metal Billboard





# Contacts



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