



## 6000W Open Type Fiber Laser

### Cutting Machine



Welcome to our company to buy 6000W Open Type Fiber Laser Cutting Machine, every customer demand will be responded to within 24 hours. Huawei Laser is a professional manufacturer, we will provide you with high-quality 6000W open laser cutting machines and the best after-sales service and timely delivery.



#### Product Introduction

#### 6000W Open Type Fiber Laser Cutting Machine

Huawei Laser Equipment Manufacturing Co., Ltd. is China's leading laser cutting machine manufacturer, supplier and exporter. Adhering to the pursuit of perfect quality products, our laser cutting machines have received praise from our customers. Ultimate design, high-quality raw materials, high performance and competitive prices are what all customers want and what we provide to our customers. Of course, essential is our perfect after-sales service. If you are also interested in our laser cutting machines and our services, you can contact us and we will reply to you in time. The 6000W open laser cutting machine mainly serves metal processing, metal cutting, machinery manufacturing and other industries. It can process carbon steel, stainless steel, copper, aluminum, aluminum alloy and other metal materials.

#### Model specification identification method:

HWO-6000W-6020
HW: HuaWei Laser
O: Open Type
6000W: Power
6020: Cutting range (X Axis: 2000mm、Y Axis: 6000mm)

#### Technical Parameters of 6000W Open Type Fiber Laser Cutting Machine

Power	6000W
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Model (HWO)	3015	4015	4020	6015	6020	6025
Cutting Range	3m*1.5m	4m*1.5m	4m*2.0m	6m*1.5m	6m*2.0m	6m*2.5m
Position Accuracy	±0.02mm					
Cutting metal thickness (Reference)	Carbon steel	22mm				
	Stainless steel	14mm				
Power supply voltage	AC380V ±10% 50Hz					
Note	Other workbench sizes can be customized					

### Product Features Of 6000W Open Type Fiber Laser Cutting Machine

1. Professional laser cutting control system, computer operation, a variety of graphics cutting can be set, and it can ensure the cutting quality, realizing more convenient cutting and more simple operation;
2. Gantry machine tool structure, high-strength welding body subject to annealing process treatment to achieve accurate processing. Customized mold tensile aluminum beam, with good rigidity and strong bearing capacity;
3. The drive and transmission system with brand servo system is adopted, and it is guided by linear rail, ensuring the equipment of high speed, high accuracy and high reliability;
4. The guide rail adopts a fully sealed protection device to prevent oil-free friction movement and dust pollution, which improves the service life of the transmission parts and ensures the accuracy of the machine tool movement.

### Cutting Samples Of 6000W Open Type Fiber Laser Cutting Machine:

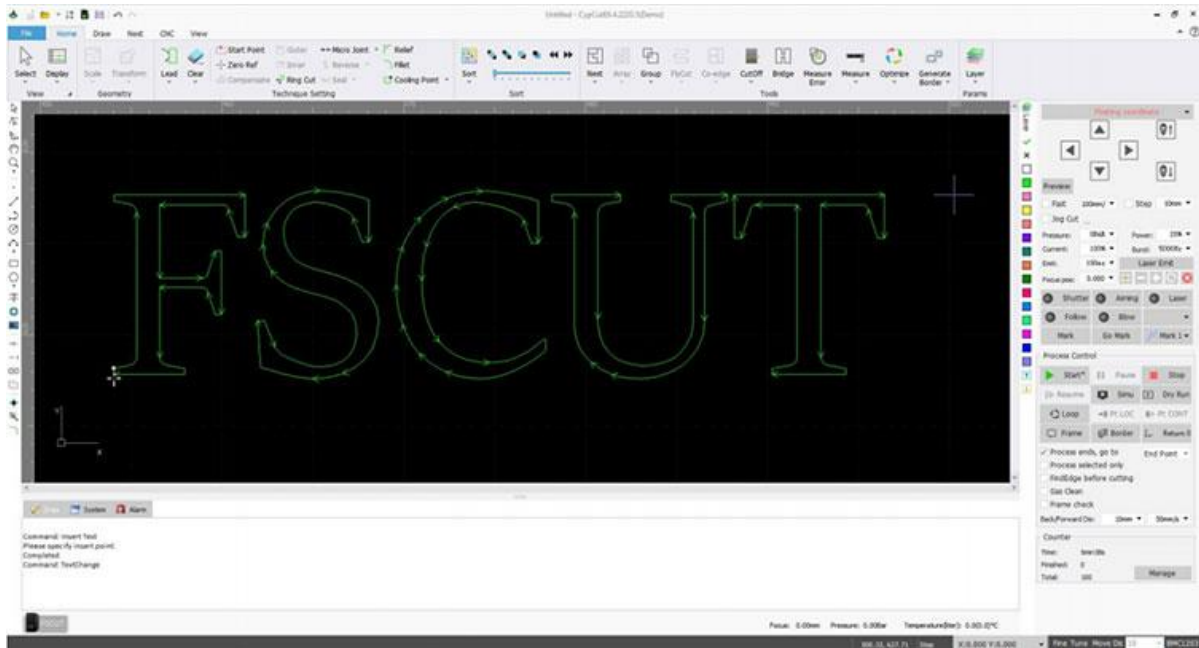


### **Application of Of 6000W Open Type Fiber Laser Cutting Machine:**

Suitable for stainless steel, carbon steel, alloy steel, silicon steel, galvanized steel plate, nickel titanium alloy, Inconel alloy, titanium alloy and other metal materials. It is widely used in various manufacturing industries such as aerospace, automobiles and ships, machinery manufacturing, elevator manufacturing, advertising production, household appliance manufacturing, medical equipment, hardware, decoration, and metal processing services.

### **Main component parts 6000W Open Type Fiber Laser Cutting Machine:**

#### **1. BOCHU SYSTEM**



The FSCUT system is a very popular professional laser cutting machine operating system. It is easy to install and debug with excellent performance and complete solution.

## 2. Continuous fiber laser

Modular design, stable performance; easy maintenance, high reliability; customizable to meet various needs; uniform spot energy distribution, stable processing; multiple scenarios, wide application.

## 3. Cutting head



High cost performance: the first choice for economical laser cutting equipment;  
Excellent design: optimized optical configuration and smooth and efficient air flow design significantly improve cutting quality and efficiency;

Exquisite structure: extremely light weight and compact size, which reduces the load requirements of the robot and improves the cutting speed and quality.

The bed is welded with a steel structure, and is precision machined after overall annealing to improve stability and feature high strength and adaptability.



The cross beam adopts extrusion and stretching manufacturing process to reduce weight, improve rigidity and greatly improve the response speed of the machine tool.



#### **FAQ Of6000W Open Type Fiber Laser Cutting Machine:**

##### **1.Q: I don't know which one is suitable for me ?**

A :Just tell us below information

- 1) Max work size:choose most suitable model.
- 2) Materials and Cutting thickness:To match the right Power of laser generator for you.
- 3) Business industries:We sell a lot and give advice on this business line.

##### **2.Q: When I got this machine, but I don't know how to use it. What should I do?**

A: We will send training video and English manual with the machine in time. If you still have some doubts, we can talk by telephone or skype and e-mail.

##### **3.Q: How to install and run the machine?**

A: Our technician have installed the machine before shipping. For some small parts installation, we will send detail training video, user's manual along with the machine. 95% customers can learn by themselves.

##### **4.Q: How can I do if the machine goes wrong?**

A: If confronted with such problems, Non-professionals should not repair the machine, please contact us ASAP. We will response within 24 hours as quick as we can to solve it for you.