



## 20000W Exchange-Platform Fiber

### Laser Cutting Machine



Huawei Laser Equipment Manufacturing Co., Ltd. is a wholesale manufacturer and manufacturer of 20000W Exchange-Platform Fiber Laser Cutting Machine, laser pipe cutting machines, and laser welding machines in China. We can provide you with professional services and more favorable prices!



#### Product Introduction

#### 20000W Exchange-Platform Fiber Laser Cutting Machine

Huawei Laser Equipment Manufacturing Co., Ltd. is China's leading manufacturer of metal plate laser cutting machines, metal pipe laser cutting machines, plate and tube laser cutting machines, and laser cleaning machines, with high quality and reasonable prices. Welcome to contact us!

#### Model specification identification method:

HWE-20000W-13031
HW: HuaWei Laser
E: Exchange-Platform
20000W: Power
13031: Cutting range (X Axis: 3100mm、Y Axis: 13000mm)

#### Product Features Of 20000W Exchange-Platform 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.

### Application of Of 20000W Exchange-Platform 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.

### Technical Parameters of 20000W Exchange-Platform Fiber Laser Cutting Machine

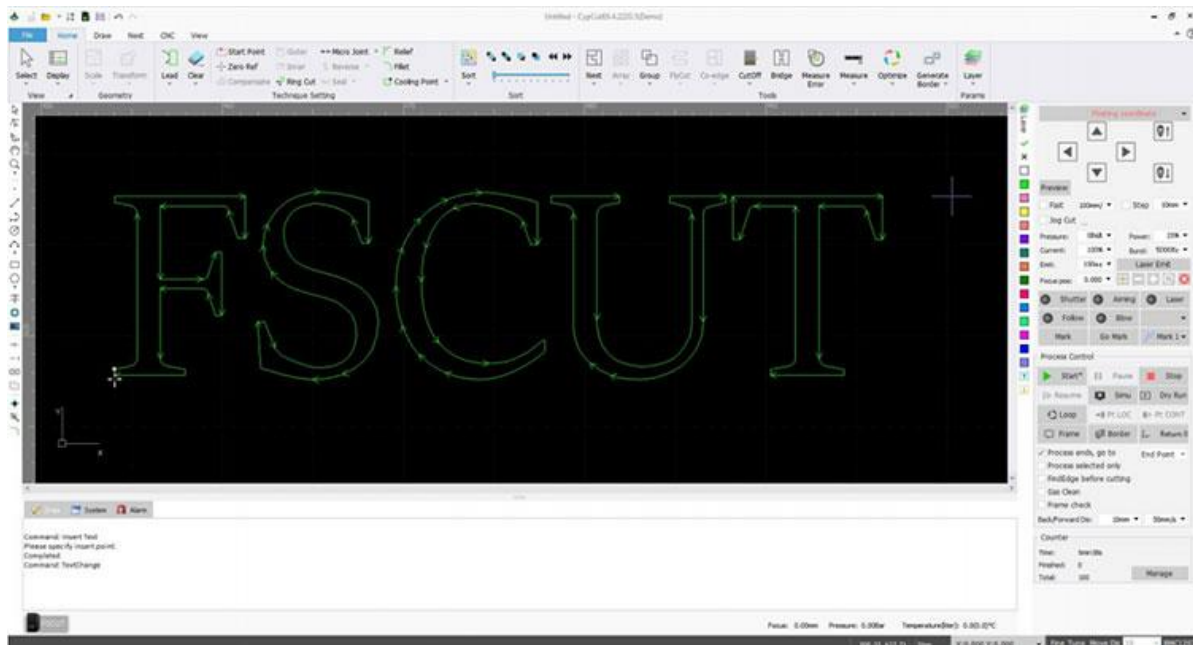
Power	20000W		
Model (HWE)	4020	6025	13031
Cutting range	4m*2.0m	6m*2.5m	13m*3.1m
Position Accuracy	±0.02mm		
Cutting metal thickness(Reference)	Carbon steel	50mm	
	Stainless steel	35mm	
Power Supply Voltage	AC380V±10%	50Hz	
Note	Other workbench sizes can be customized		

### Cutting Samples Of 20000W Exchange-Platform Fiber Laser Cutting Machine:



## Main component parts 20000W Exchange-Platform Fiber Laser Cutting Machine:

### 1. BOCHU SYSTEM



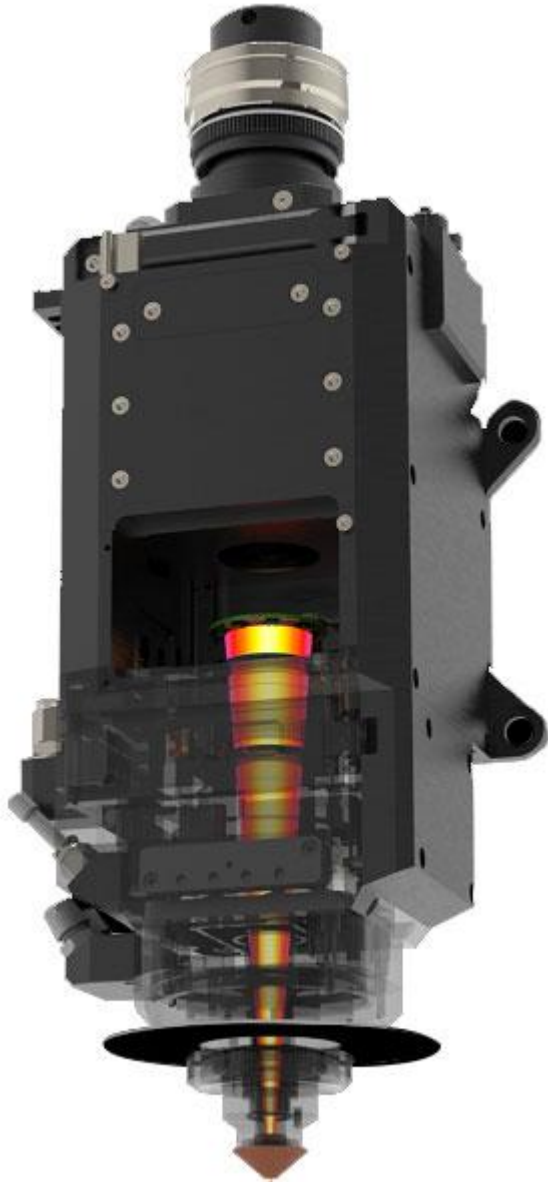
The FSCUT system is a very popular operating system for professional laser cutting machines. It is easy to install and debug, has excellent performance and provides a complete solution. The system has functions such as automatic edge finding, common edge cutting, perforation and slag removal, compensation function, thin plate flying cutting, fault self-detection, automatic conversion of CAD drawings, and automatic memory.

### 2. Laser Generator



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

### 3.Laser Cutting Head



Functional features: nine-level perforation, intelligent knife closing, traceless micro-connection, automatic return cutting, melt pool detection, intelligent perforation.

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 Of 20000W Exchange-Platform Fiber Laser Cutting Machine:**

**Q: Are you a factory or a trading company?**

A: We are a manufacturing factory that designs and develops laser cutting machines and laser welding machines by ourselves.

**Q: What honors and qualifications does your company have?**

A: Our company is a national high-tech enterprise, a small giant enterprise specializing in special new products, a national standard drafting unit for handheld laser welders and laser welding robots, a director of the China Welding Association, and a member of the Cutting Branch of the National Welding Standardization Technical Committee (SAC/TC55/ SC4), Shenyang Enterprise Technology Center, has obtained more than 20 related technology patents, quality management system certification ISO9001:2015, environmental management system certification ISO4001:2015, occupational health management system certification ISO:2018 and many other honors and certificates.

**Q: Do you have after-sales service?**

A: Yes, we have a complete after-sales service system and after-sales service team. We will provide you with timely and professional services.