



## 20000W Full-Protection Cover Exchange

### Platform Laser Cutting Machine



As a professional manufacturer of 20000W Full-Protection Cover Exchange Platform Laser Cutting Machine, closed laser cutting machines, switching laser cutting machines, and laser pipe cutting machines, you can safely purchase 20000W laser cutting machines and 1500W handheld laser welding machines from our factory.



### Product Introduction

#### 20000W Full-Protection Cover Exchange Platform Laser Cutting Machine

With many years of experience in producing laser cutting machines and laser cleaning machines, Huawei Laser can supply large quantities of high-quality laser cutting equipment to meet many application scenarios. If you need it, please contact our online service in time. We will provide the best after-sales service and timely delivery.

#### Model specification identification method:

HWF-20000W-13031
HW:HuaWei Laser
F: Full-Protection Cover Exchange Platform
20000W: Power
13031: Cutting range (X Axis: 3100mm、Y Axis: 13000mm)

#### Product Features Of 20000W Full-Protection Cover Exchange Platform Laser Cutting Machine

- 1、 Closed design structure, with the features of safety, dust prevention and environmental protection; Exchange platform can save the feeding and discharging time to realize high efficiency;
- 2、 The perfect integration of cutting-edge fiber laser technology and CNC technology, representing the most advanced laser cutting level;

- 3、 Professional laser cutting machine control system, abundant man-machine interaction interface, simple operation, convenient to use;
- 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;
- 5、 Laser cutting head is equipped with a non-contact following system, which is sensitive and accurate, avoiding the collision between cutting head and plate being processed.

### Cutting Samples Of 20000W Full-Protection Cover Exchange Platform Laser Cutting Machine:



### Technical Parameters of 20000W Full-Protection Cover Exchange Platform Laser Cutting Machine

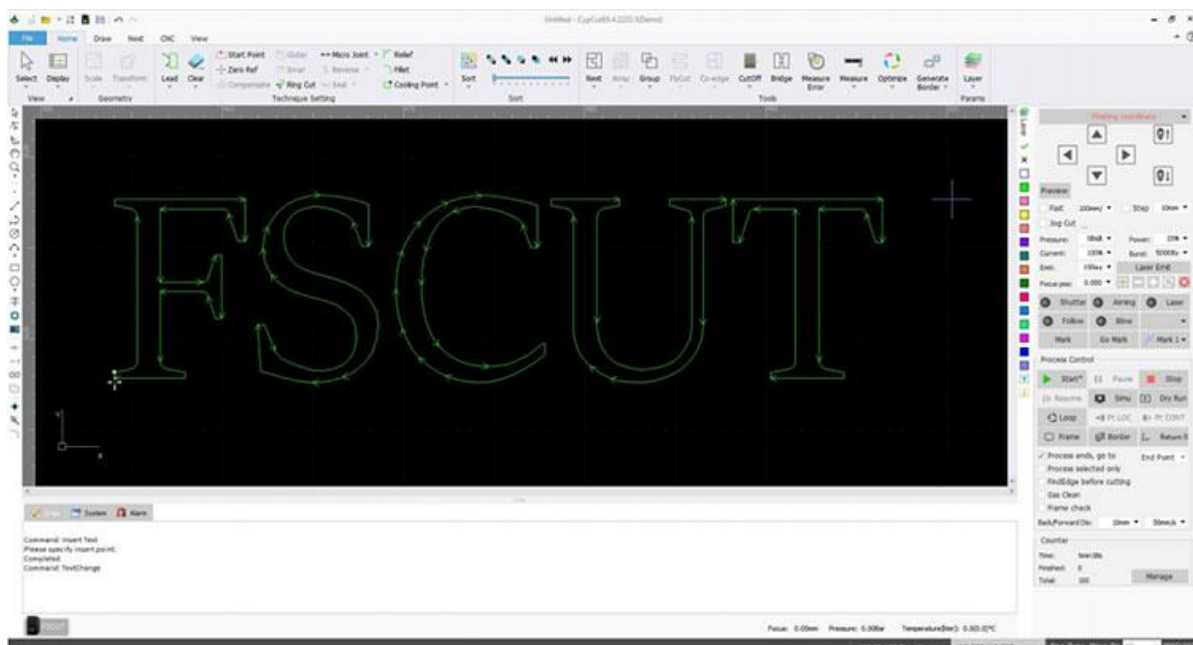
Power	20000W		
Model	4020	6025	13031
Cutting Range	4m*2.0m	6m*2.5m	13m*3.1m
Position Accuracy	±0.02mm		
Cutting metal thickness(Reference)	Carbon steel	50mm	
	Stainless steel	35mm	
Power Supply Voltage	AC380V ±10% 50Hz		
Note	Other workbench sizes can be customized		

## Application of Of 20000W Full-Protection Cover Exchange Platform 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 20000W Full-Protection Cover Exchange Platform 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.



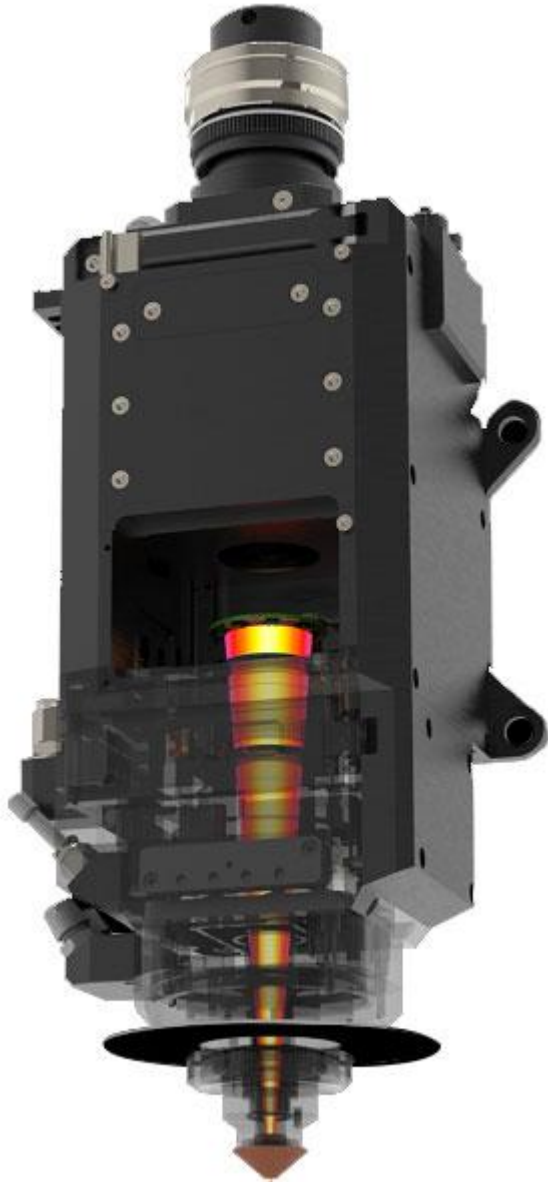
### 3..Laser Cutting Head

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 Full-Protection Cover Exchange Platform 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.