



## 12000W Full-Protection Cover Exchange

### Platform Laser Cutting Machine



Huawei Laser is one of the professional manufacturers of 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine, and laser cleaning machines in China. Our products have passed quality management system certification, etc., and are in stock. Welcome to our company to wholesale purchase 12000W laser cutting machines.



### Product Introduction

#### 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine

As a professional manufacturer of 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine in China, Huawei Laser has strong strength and perfect management. We mainly produce a series of laser cutting machines, handheld laser welding, cleaning equipment and peripheral equipment. We adhere to the principle of quality first and customer first, and sincerely welcome your letters, calls, inspections and business negotiations. We always guarantee you high quality service.

#### Model specification identification method:

HWF-12000W-13031
HW:HuaWei Laser
F: Full-Protection Cover Exchange Platform
12000W:Power
13031: Cutting range (X Axis: 3100mm、Y Axis: 13000mm)

### Product Features Of 12000W 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;

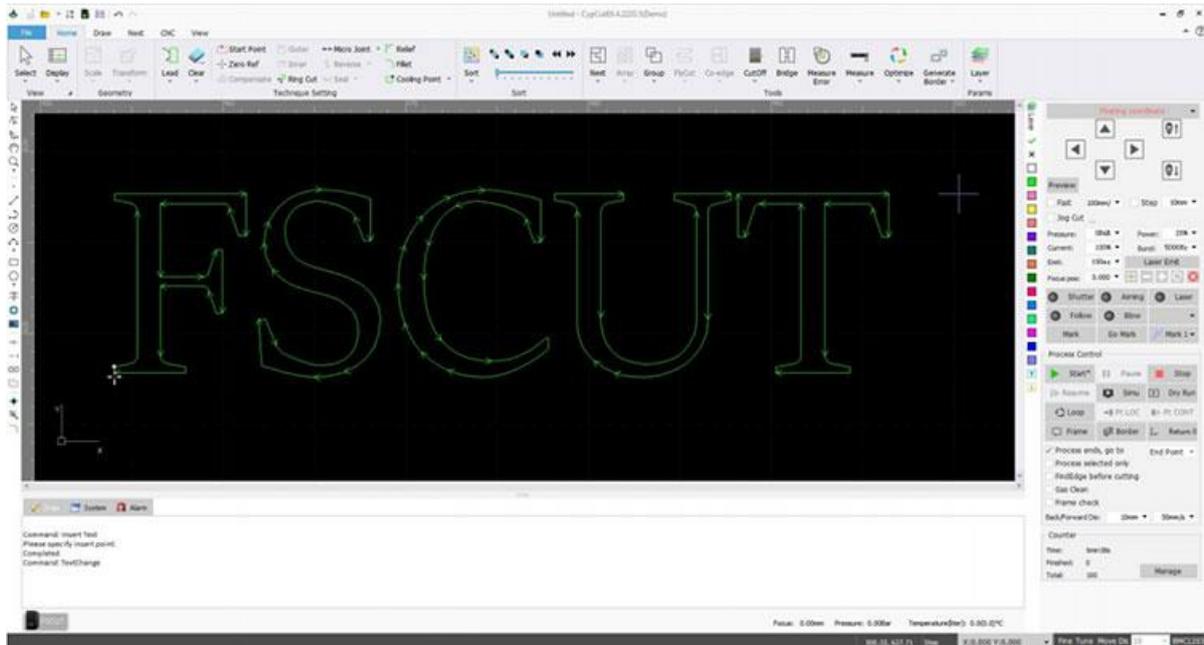
- 2、The perfect integration of cutting-edge fiber laser technology and CNC technology, representing the most advanced laser cutting level;
- 3、Professional laser cutting machine control system, abundant man-machine interaction interface, simple operation, convenient to use;
- 4、The guide rail adopts 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.

### Technical Parameters of 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine

Power	12000W		
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	35mm	
	Stainless steel	25mm	
Power Supply Voltage	AC380V ±10% 50Hz		
Note	Other workbench sizes can be customized		

### Main component parts 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine:

#### 1. BOCHU SYSTEM



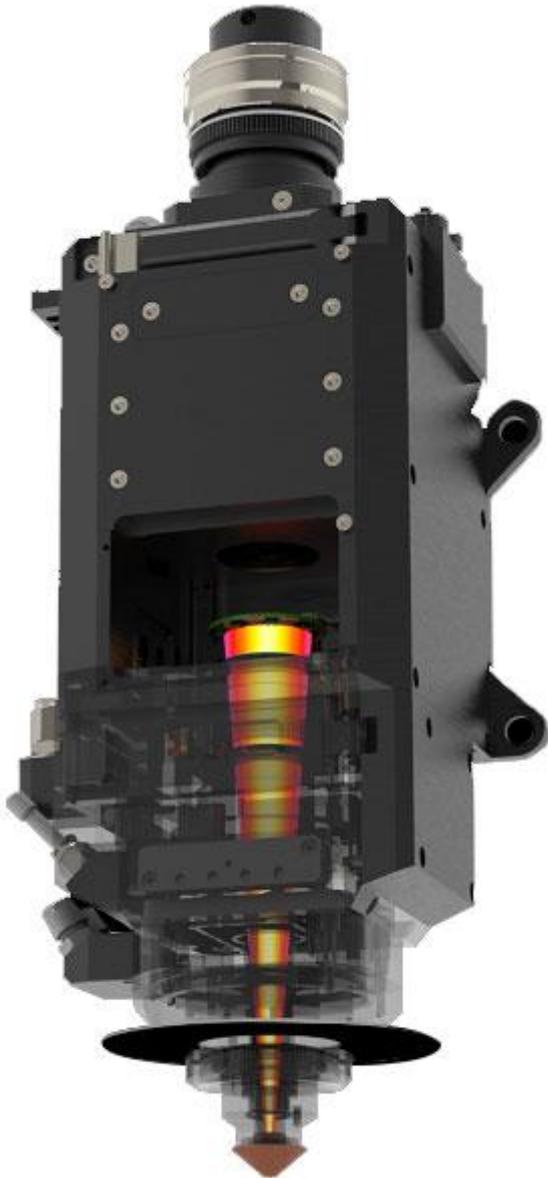
The FSCUT system is a very popular operating system for professional laser cutting machines. It is easy to install and debug, has excellent performance and provides a complete solution. The system has functions such as automatic edge finding, common edge cutting, perforation and slag removal, compensation 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.



**Cutting Samples Of 12000W Full-Protection Cover Exchange Platform Laser Cutting Machine:**



**Application of Of 12000W 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.

### **FAQ Of 12000W 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.