



12000W Exchange-Platform Fiber

Laser Cutting Machine



Huawei Laser is a professional manufacturer of 10,000-watt laser cutting machines in China. You can wholesale or customize 12000W Exchange-Platform Fiber Laser Cutting Machines with confidence from our factory. We provide the best after-sales and timely delivery.



Product Introduction

12000W Exchange-Platform Fiber Laser Cutting Machine

Huawei Laser Equipment Manufacturing Co., Ltd. was officially established in 2017. As one of China's professional laser cutting machine, laser tube plate cutting machine, laser welding machine manufacturers and China's 12000W double table laser cutting machine manufacturer, we have strong strength and sound management. At the same time, we have export qualifications. 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. Our company is a high-tech enterprise in China, a director of the China Welding Association, a member of the Cutting Branch of the National Welding Standardization Technical Committee (SAC/TC55/SC4), and many other honors and certificates.

Model specification identification method:

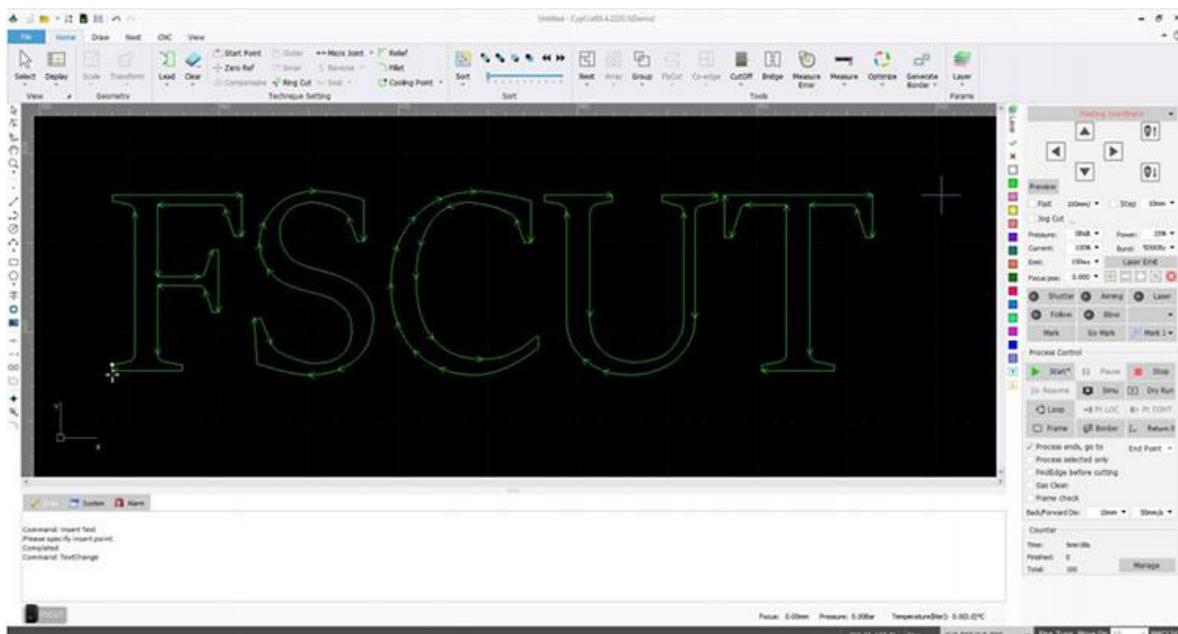
HWE-12000W-13031
HW: HuaWei Laser
E: Exchange-Platform
12000W: Power
13031: Cutting range (X Axis: 3100mm、Y Axis: 13000mm)

Cutting Samples Of 12000W Exchange-Platform Fiber Laser Cutting Machine:



Main component parts 12000W Exchange-Platform Fiber Laser Cutting Machine:

1. BOCHU SYSTEM



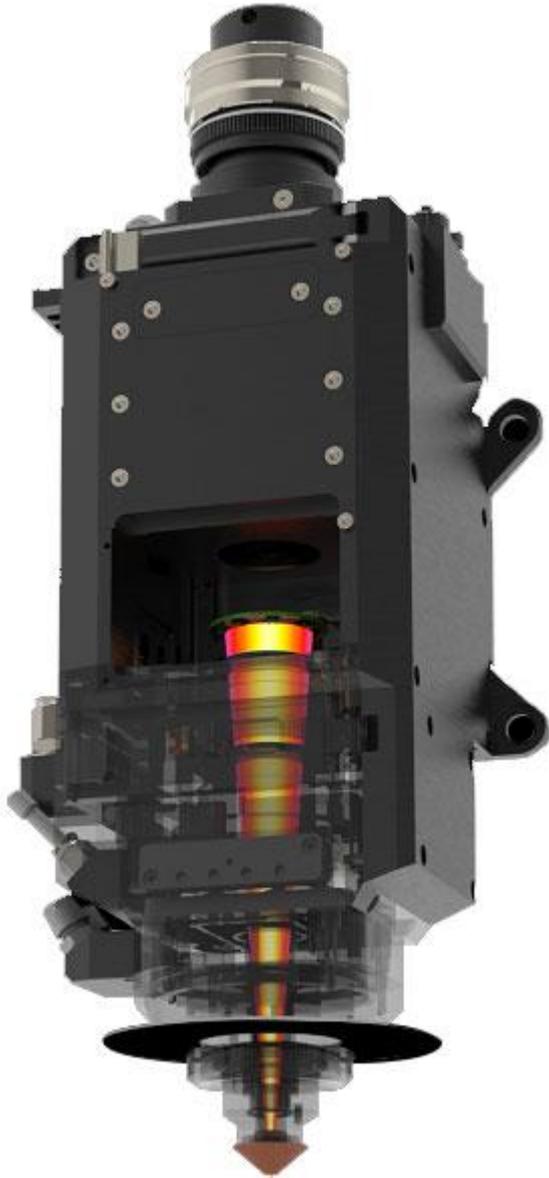
The FSCUT system is a very popular operating system for professional laser cutting machines. It is easy to install and debug, has excellent performance and provides a complete solution. The system has functions such as automatic edge finding, common edge cutting, perforation and slag removal, compensation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



Product Features Of 12000W 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.
5. Complete the loading and unloading operations while cutting metal, saving time and improving work efficiency.

Technical Parameters of 12000W Exchange-Platform Fiber Laser Cutting Machine

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

Application of Of 12000W 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.

FAQ Of 12000W 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.