



20000W Open Type Fiber Laser

Cutting Machine



You can Purchase 20000W Open Type Fiber Laser Cutting Machine from Huawei Laser Equipment Manufacturing Co., Ltd. with confidence, and we will provide you with the best after-sales service and timely delivery.



Product Introduction

20000W Open Type Fiber Laser Cutting Machine

Our lasercutter are suitable for a wide range of metal types, including carbon steel, stainless steel, copper, aluminum alloy and other metals. We can process thin and thick metal pipes and plates. We attach great importance to quality and customer experience. Our equipment has the advantages of low failure rate, easy operation, stable performance, and easy maintenance. The laser cutting machines we produce have good price advantages, and we look forward to becoming your long-term partner in China. Huawei Laser welcomes you to purchase a 20000W open fiber laser cutting machine from our factory. We will provide you with good service.

Model specification identification method:

HWO-20000W-13031
HW:HuaWei Laser
0:Open Type
20000W:Power
13031: Cutting range (X Axis: 3100mm、Y Axis: 13000mm)

Product features Of 20000W 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 machinetoolstructure, high-strength welding bodysubject toannealing process treatment to achieve accurate processing.Customized mold tensile aluminum beam,withgood rigidity andstrong bearing capacity;
3. The drive and transmission system withbrand servo system is adopted,and it is guided bylinearrail, ensuringthe equipment of high speed, highaccuracy andhigh reliability;
4. The guide rail adopts a fully sealed protection device to prevent oil-free friction movement and dust pollution,whichimproves the service life of the transmission parts and ensures the accuracy of the machine tool movement.

Product features of 20000W fiber laser cutting machine

1. Professional laser cutting control system, easy to operate by computer, can set various graphics cutting, which can ensure cutting quality, make cutting work more convenient and operation simpler;
2. Gantry machine tool structure, high-strength welded bed processed by annealing process and precision machining. Customized molded stretched aluminum beams with good rigidity and strong load-bearing capacity;
3. AdoptTop-brand servo system drive and transmission system and linear guide guide to ensure high speed, high precision and high reliability of the equipment;
4. The guide rail adopts a fully sealed protection device to prevent oil-free friction movement and dust pollution, improve the service life of the transmission parts and ensure the accuracy of the machine tool movement.

Technical Parameters of 20000W Open Type Fiber Laser Cutting Machine

Power	20000W		
Model (HWO)	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 Open Type Fiber Laser Cutting Machine:

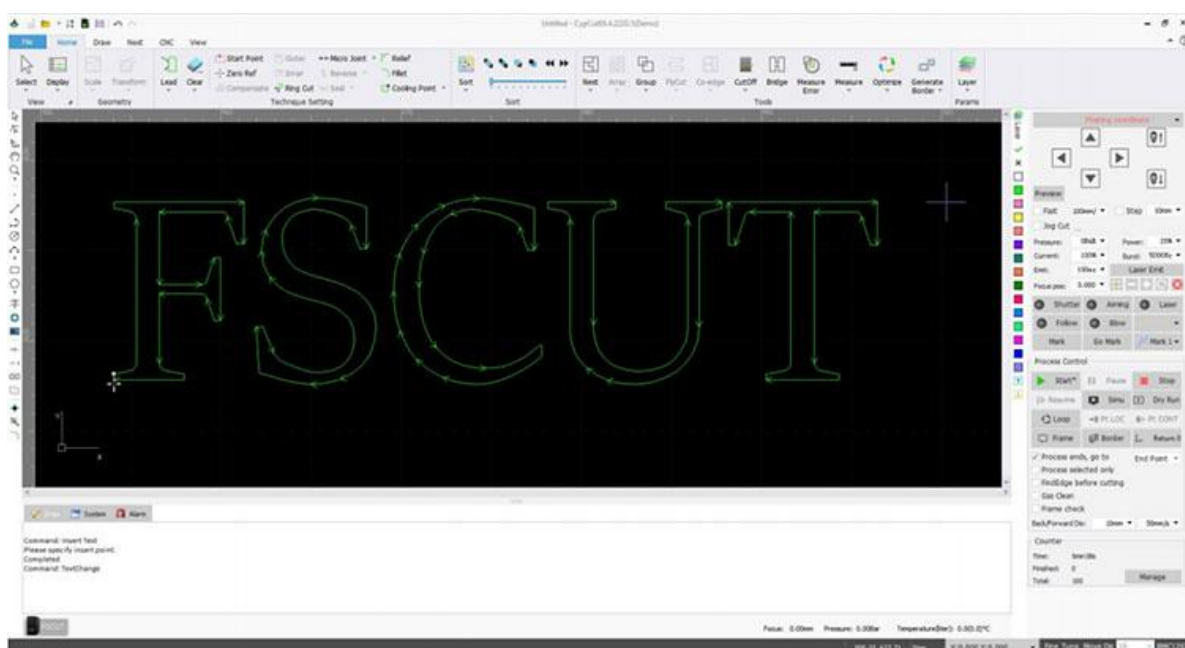


Application of Of 20000W Open Type Fiber Laser Cutting Machine:

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 20000W Open Type Fiber Laser Cutting Machine:

1. BOCHU SYSTEM



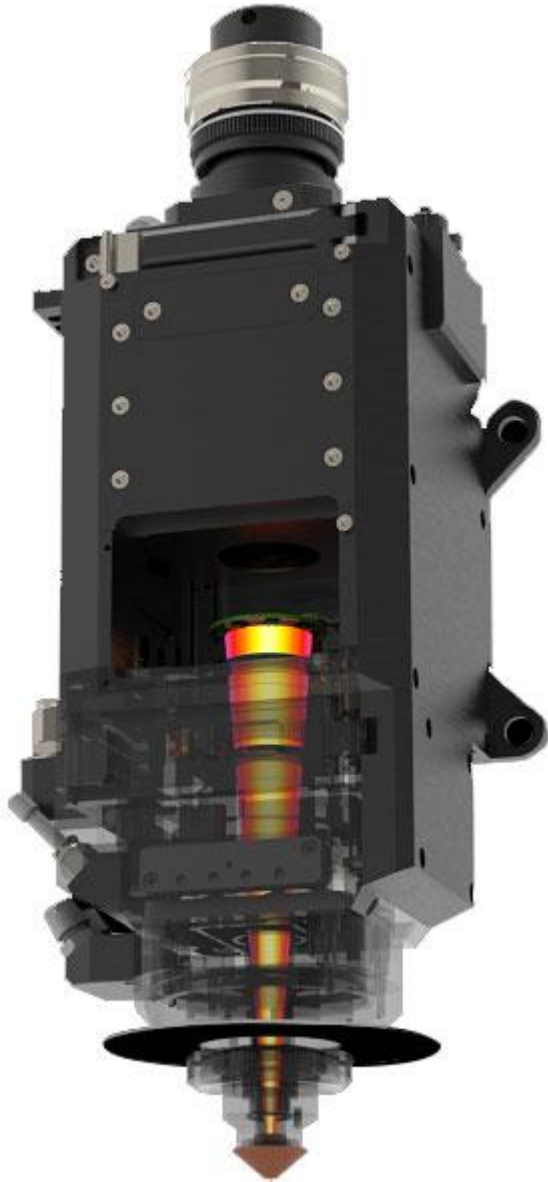
The FSCUT system is a very popular operating system for professional laser cutting machines. It is easy to install and debug, has excellent performance and provides a complete solution. The system has functions such as automatic edge finding, common edge cutting, perforation and slag removal, compensation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

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



2.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 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.

