



12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine



The following is an introduction to the 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine. Huawei Laser hopes to help you better understand tube laser cutting machines and sheet laser cutting machines. We welcome new and old customers to continue cooperating with us and create a better future together!

Product Introduction

Shenyang Huawei Laser Equipment Manufacturing Co., Ltd is a well-known manufacturer and supplier of laser cutting machines in China. Our company focuses on manufacturing laser cutting machines and handheld laser welding machines. Welcome to purchase laser cutting machines and laser welding machines from Huawei Laser. Each customer's needs will be responded to within 24 hours.

Method for identifying model specifications:

HWTHT-12000W-6000
HW:HuaWei Laser
THT: Three-chuck Heavy-duty Tube
12000W:Power
6000: Cutting range (X Axis: 300mm、Y Axis: 6000mm)

Technical Parameters of 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine

Power	12000W		
Model	6000	9000	12000
Cutting pipe length	6m	9m	12m
Chuck clamping range	Φ20-170mm	Φ20-220mm	Φ20-350mm
Position Accuracy	±0.03mm		
Cutting metal thickness	Carbon steel	35mm	
	Stainless steel	25mm	
Power Supply Voltage	AC380V ±10%	50Hz	

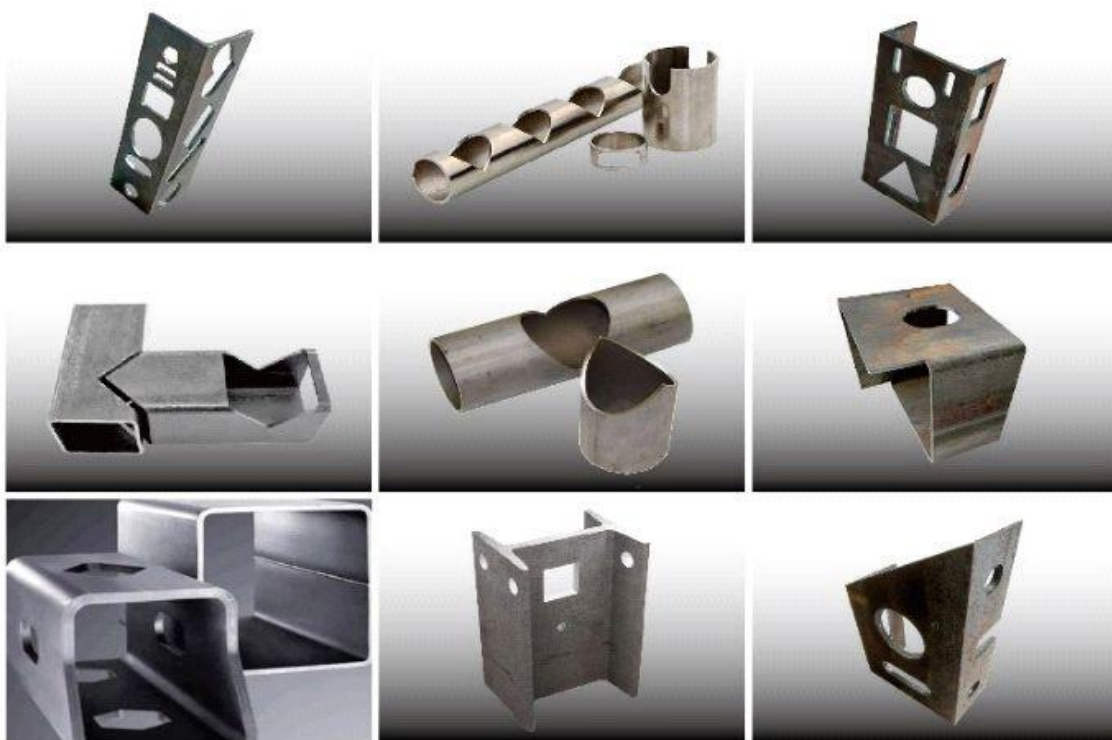
Note

Other workbench sizes can be customized

Product Features Of 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine

- 1、 The body is welded by heavy square pipe, and subject to digitized force analysis, it has excellent rigidity, without deformation after long-term cutting;
- 2、 Open beam structure, which learns from the bridge technology to strive a structure stability, and it can still ensure ultra-high accuracy at high-speed operation;
- 3、 Accurate pneumatic chuck, which is efficient and stable, with the features of accurate positioning saving time and material, strong power;
- 4、 It is equipped with alarm system for abnormality, so that customers can get a better user experience.

Cutting Samples Of 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine

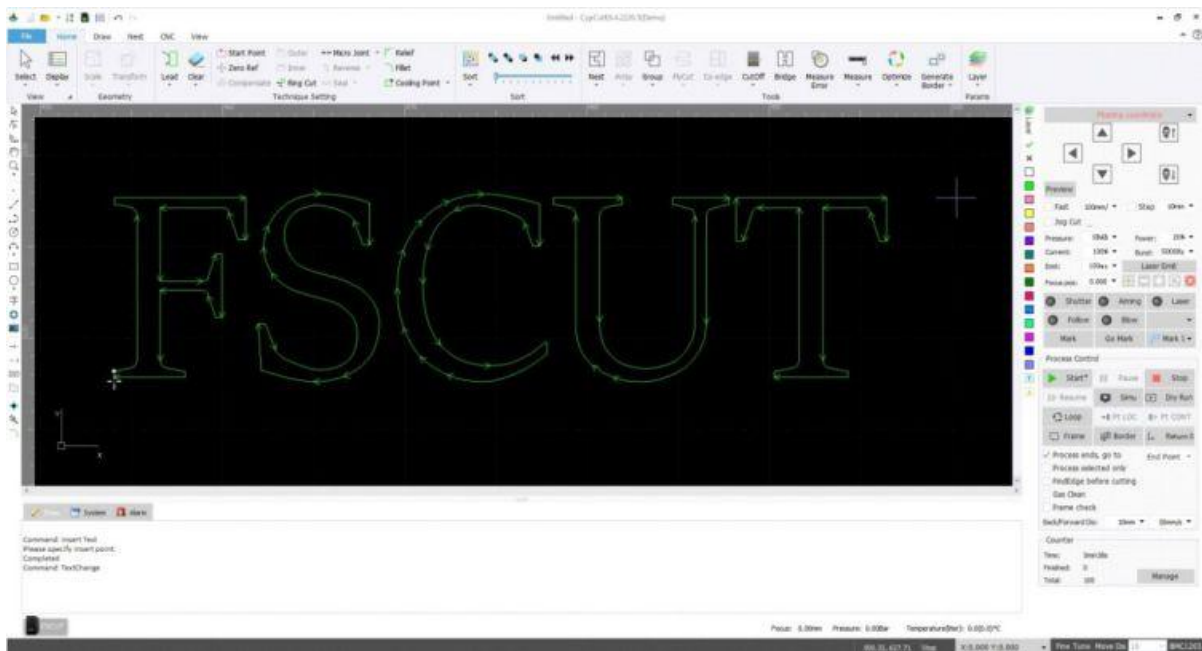


Application of Of 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine

Sheet metal industry, pipeline industry, automotive components/parts, electrical cabinet production, advertising board production, kitchenware, refrigeration equipment, water purification treatment equipment, metal crafts production, etc., it can realize the complex graphic cutting of stainless steel carbon steel, copper, aluminum, alloy and other materials off tube fittings.

Main component parts 12000W Three-Chucks Heavy-duty Tube Laser Cutting Machine

1. BOCHU SYSTEM



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

Laser Generator

Modular design, stable performance; Convenient maintenance and high reliability; Customizable to meet various needs; Uniform distribution of spot energy and stable processing; Multi scenario, widely applicable.



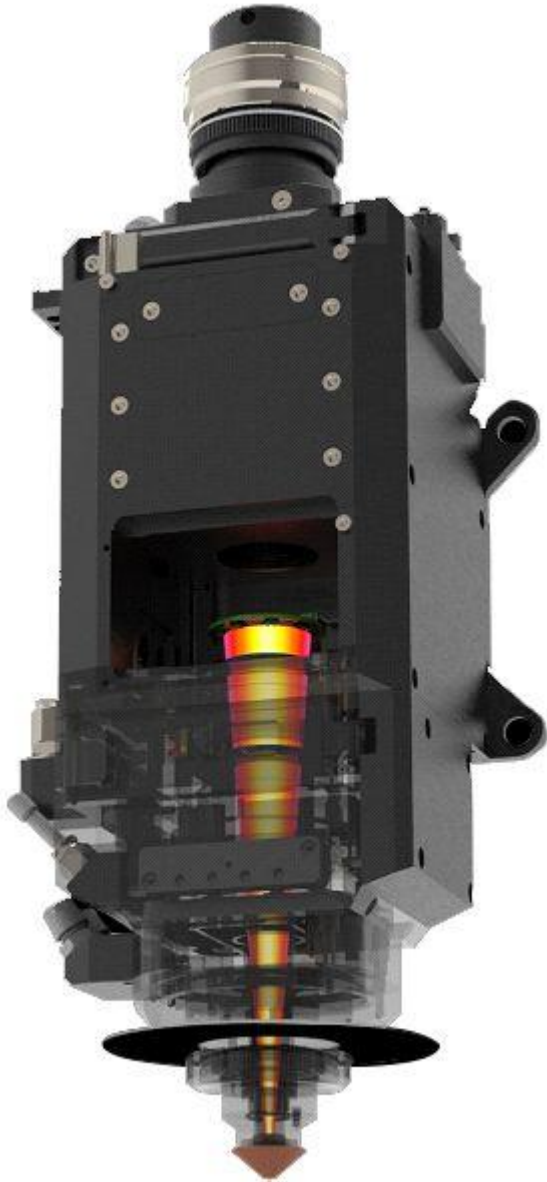
Laser Cutting Head

Functional features: nine level perforation, intelligent cutting, seamless micro connection, automatic cutting back, melt pool detection, intelligent perforation.

High cost-effectiveness: the preferred choice for economical laser cutting equipment;

Excellent design: optimized optical configuration and smooth and efficient airflow design significantly improve cutting quality and efficiency;

Exquisite structure: extremely lightweight, compact in size, reduces robot load requirements, improves cutting speed and quality.



The bed body is welded to a steel structure, and after overall annealing, it is formed by precision mechanical processing to improve stability. It has the characteristics of high strength and strong adaptability.



The crossbeam adopts a steel structure welding process, which is formed by precision mechanical processing after overall annealing, reducing weight and improving rigidity. This greatly improves the response speed of the machine tool.



FAQ Of 12000W Three-Chucks Heavy-duty Tube 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.