

Laser Tube Cutting Machine Overview



Application materials:

Suitable for all kinds of industrial metal processing , carbon steel , stainless steel , aluminum , copper, etc.
0.3-20mm thickness .

Application Industry :

1. Signage ads
2. Metal Legs
3. Others Machinery , like mechanical arm
4. Elevator
5. Boat
6. Kitchen Equipment
7. Steel structure
8. Parts industry
9. Furniture

Application Our advantage :

- More than 20 years of production experience, reliable quality.
- The professional team provides overall solutions, not just selling machines.
- Perfect after-sales service team, solve any of your problems within 24 hours.
- International engineers in 50 countries, free door-to-door service.
- Long warranty period, so you can rest assured to buy.

Fiber Laser Tube Cutting Machine Quotation

Item	SPECIFICATION	QUANTITY (SET)	FOB PRICE (USD)
HYP120-L6-3000W	1. Working area: 6m;120mm 2. Fiber source brand:Max 3000W 3. Control System : Switzerland Raytools XC4000T System (With professional nesting system) 4. Fiber laser head: Switzerland Raytools BS03K 5. Open body 6. Delta motor and driver 7. Sechmech reducer 8. Heavy duty steel plate welded machine bed , through quenching and tempering 9. Aluminum Profile Gantry Beam 10. Auxiliary feeding device 11. Taiwan YYC Helical rack and pinion 12. Taiwan TBI ballscrew 13. Taiwan Hiwin / JAPAN SMAGIC Rail 14. 15KW 16 BAR Air compressor (Included) 15. Water Chiller S&A / Hanli (included) 16.50KVA Stabilizer (Included) 17.NR12 (Included) 18.Dust removal fan (Included)	1	MACHINE-----21300 USD

Payment terms : 50% deposit , 50% against before loading

Package : pallet with film or wooden crate for shipping

Delivery Time : 30 Working days after receiving the deposit

Cutting ability of 1000W-30000W

Power	Carbon steel	SS304	Aluminum
1000W	12MM	5MM	3MM
1500W	14MM	6MM	4MM
2000W	18MM	8MM	6MM
3000W	22MM	12MM	10MM
6000W	25MM	16MM	12MM
12000W	40MM	25MM	20MM
20000W	60MM	30MM	22MM
30000W	100MM	35MM	25MM

The above parameters are the maximum average number of our actual experiment, and the batch cutting will be slightly different from the experimental parameters.

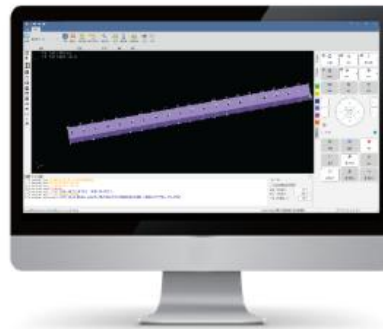
Please tell us your daily workload, we will provide you with the best solution.

Details of Hoysook Laser Pipe/Tube Cutting Machine

Technical Parameters	
Positioning accuracy	±0.03mm
Repeatability positioning accuracy	±0.02mm
XY Axis Maximum Acceleration	0.8-1.5 G
XY Axis Max. speed	100 m/min
Working Table Type	Serrate working platform
Cooling System	Cooling System Industry water chiller
Precision	±0.05mm

**Max Laser Source**

Raycus laser source is the most famous brand in China

**Raytools system**

Easy to operate, fully automated system;

With various functions, it is easy to complete complex designs;

Self-contained database, no need to adjust parameters by yourself

**Raytools Laser Head**

Optimized optical configuration and smooth and efficient airflow design significantly improve cutting quality and efficiency;

Automatic focusing, reducing human intervention, automatic focusing range -12~+10mm, focusing accuracy 0.05mm;

Increase the nozzle cooling airflow, effectively protect the nozzle and ceramic body, and prolong the continuous working time;

Quick and easy replacement of protective lenses



Taiwan Delta Motor and Driver

We use a more powerful motor than others.

Faster acceleration and higher processing efficiency.



Techmech Reducer

High transmission efficiency.

Low energy consumption and superior performance.

Servicelife is much longer.



heavy duty steel plate bed frame

Quenching and tempering process to prevent deformation,
reduce vibration, and make the processing accuracy higher



Taiwan Hiwin Guide Rail& Taiwan YYC rack

Famous brand, high quality, not easy to deform, make the machine
run more smoothly and stronger.

**Stabilizer (optional)**

Stabilize the voltage to avoid damage to the electrical components of the machine caused by voltage instability

**Air Conditioner**

Adjust the temperature according to the environment, extend the service life of electrical appliances and improve efficiency

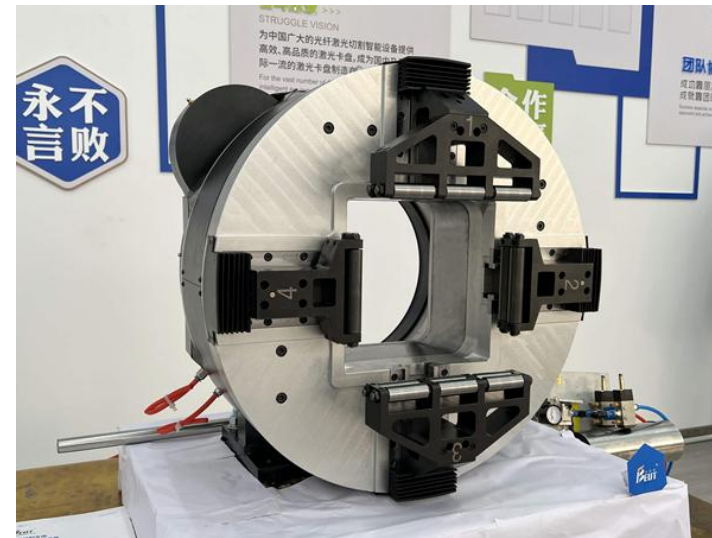
**S&A Water Chiller**

Effectively meet the cooling requirements, the temperature control accuracy of $\pm 1^{\circ}\text{C}$ can reduce the fluctuation of water temperature, stabilize the light output rate of the laser, and prolong the service life of the laser.



Automatic Lubrication System

Make the machine run more smoothly and reduce the cost of manual intervention



Chucks

10-120mm diameter , square tubes, round tubes, angle steels, and I-beams can all be used for

Cutting Samples

This machine can be used for different materials, such as carbon steel, stainless steel, galvanized sheet, copper, aluminum, and so on. And it has multiple uses.



It is widely used in many industries , like kitchen equipment , metal door , H beam , steel structure , signal etc.

FACTORY INSPECTION



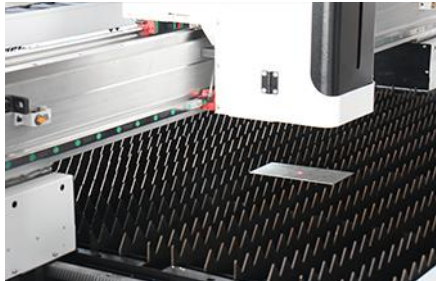
Laser Source Texting



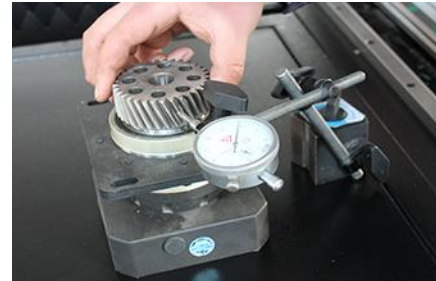
Incoming texting



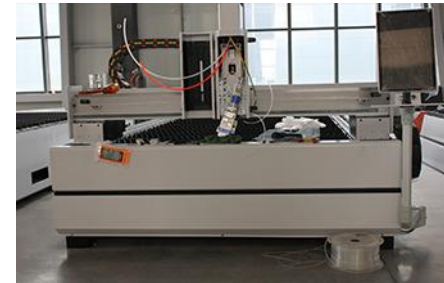
**Rack installation and
texting**



**Dynamic Accuracy
Detection**



**Motor and reducer
testing**



Various line detection



Collimator



Laser Interferometer



Machine Is Running

Package



Step 1. Pack the machine with plastic sheet for clearing and damp proofing.

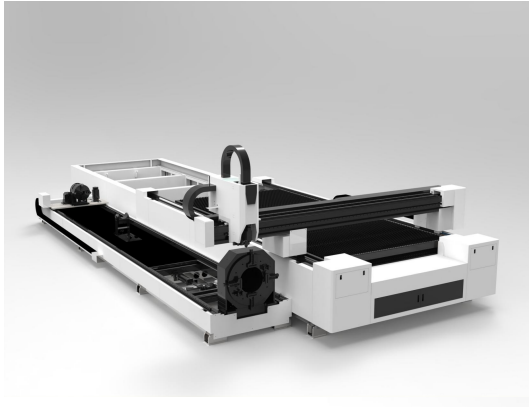


Step 2: Put the machine in the plywood case for safety

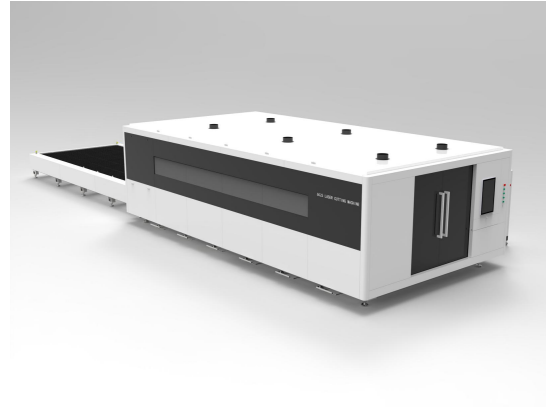


Step 3: Transport the plywood case into the container.

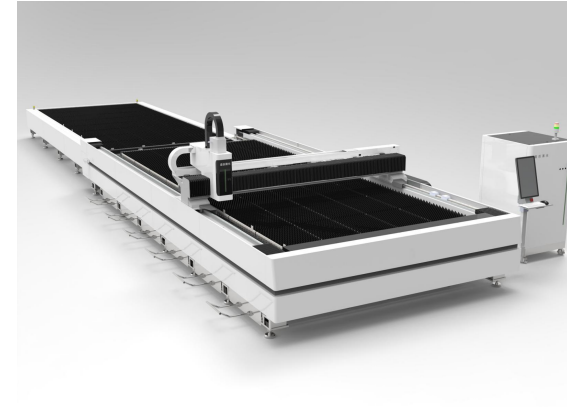
These Models You May Like



cutting machine with rotatry



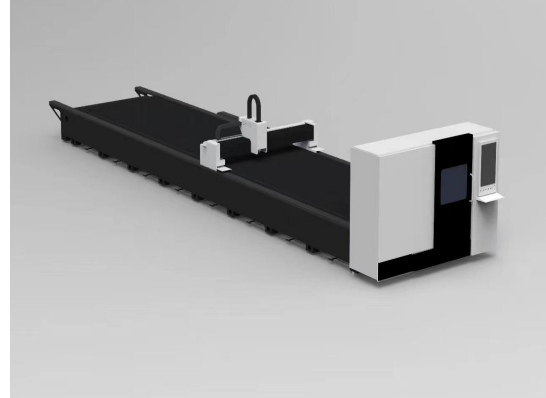
enclosed cutting machine



exchange table cutting machine



metal tube cutting machine



20kw 12025 laser cutting machine



laser welding machine



Government signing ceremony



Laser Industry Forum



We have established a close cooperative relationship with local universities of science and technology, and receive key support from the local government. Continuous technology innovation, obtained a number of patents, and passed the EU CE certification



18⁺ YEARS EXPERIENCE STRENGTH FACTORY

We provide professional one-stop laser manufacturing application solutions, including laser cutting, welding, cladding, marking and so on.



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Thank You For Watching

Hope To Be Your Reliable Partner



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