3015 ECONOMIC MODEL
FIBER LASER CUTTING MACHINE

AGENT/ DISTRIBUTOR/ OEM/ODM SERVICES

1500W/2000W/3000W/6000W



3015 ECONOMIC MODEL
FIBER LASER CUTTING MACHINE

The Economic 3015 laser cutting machine is a model in the metal material processing industry. It features cost savings, fast cutting speed, low operating costs, and stable processing capabilities. It uses high-quality materials and strict assembly processes to ensure durability, cutting accuracy, and cutting capacity, helping sheet metal manufacturers enhance productivity and profitability. Compact structure, open design. Different appearances and software and hardware configurations are provided according to customer requirements. It is an economical equipment.



FAST CUTTING SPEED



HIGH EFFICIENCY



EASY TO TRANSPORT



COST SAVINGS

SELLING POINT

01.HIGH COST PERFORMANCE

Chinese famous brand laser sources, servo drivers and other components enable you to enjoy advanced cutting technology without high investment. Under the same performance configuration, it brings higher returns at a lower cost.

02.REDUCE TRANSPORTATION COSTS

The 40-foot container can accommodate 8 fiber laser cutting machines. The innovative and optimized equipment structure and size design significantly increase the carrying capacity, saving you considerable transportation costs

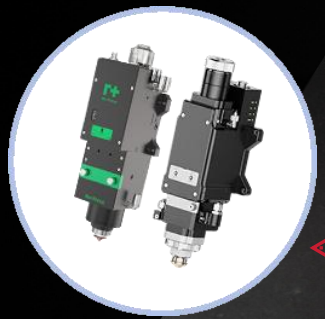
03.ENVIRONMENTAL PROTECTION

Fiber laser technology eliminates the need for chemical agents, thus not emitting waste gas or wastewater, meeting environmental requirements.

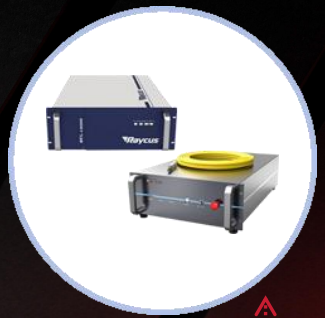
04.DURABLE AND STABLE

The sturdy structure and high stability ensure long-term continuous operation, minimal failure risk, and extend the lifespan and reliability of the equipment.

CONFIGURATION



Raytools/BOCI Laser Head

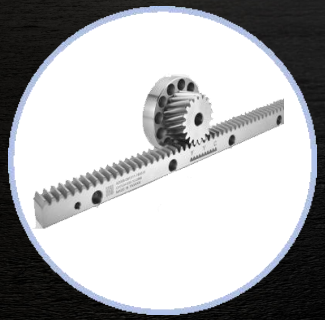


Fiber Laser Generator
(Raycus/MAX)



Servo Motor Driver
(Delta/Fuji /Yaskawa)





TAIWAN YYC Rack



Japan Shimpo reducer

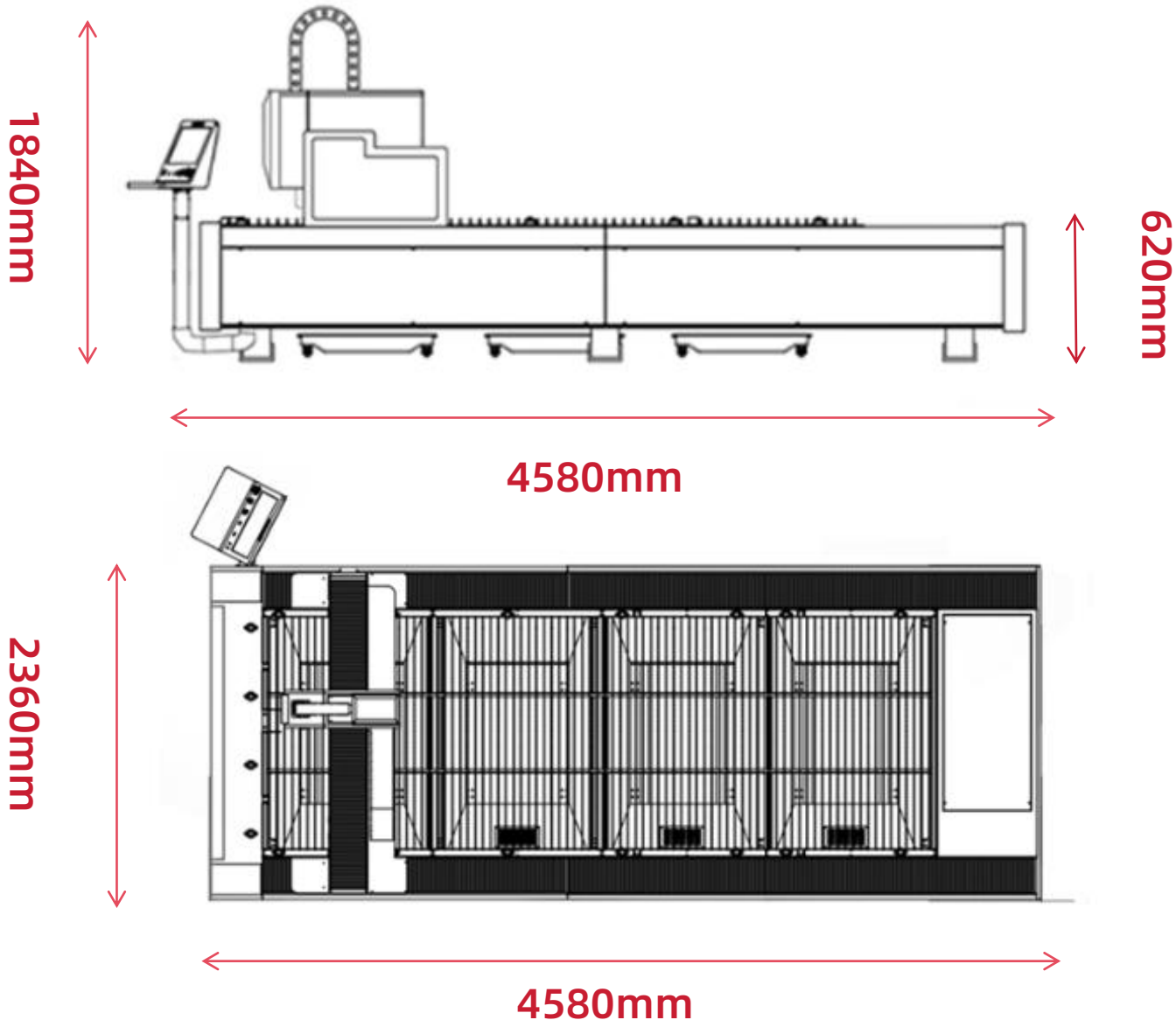


Control System
(Raytools/BOCHU)

PARAMETERS

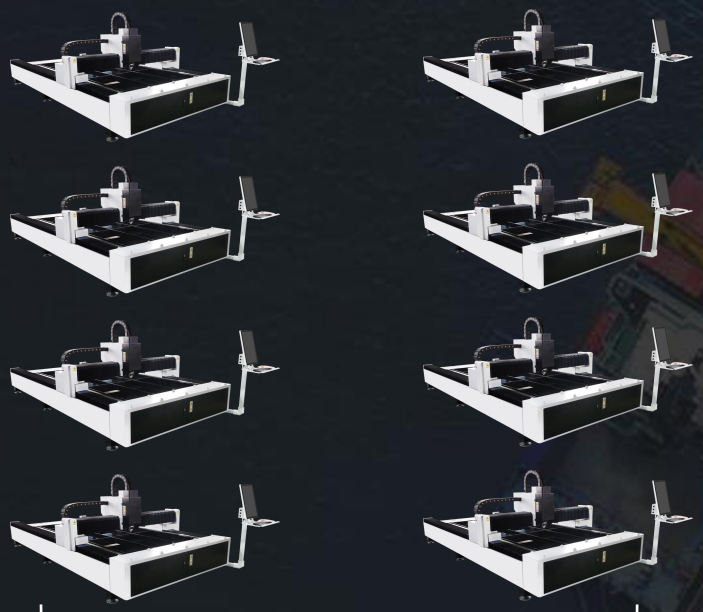
Model	3015 fiber laser cutting machine
Control System	CypCut-Friendess
Drives and Motors	Japan Fuji Servo Motor System
Fiber Laser Head	BOCI Laser Head
Fiber Source	Raycus or Max or IPG
Lubrication System	Electrical Motored
Guide Rails	Taiwan HIWIN Rails
Rack and Gear	Taiwan YYC Rack
Driver system power	X=0.75/1.3KW,Y=0.75/1.3KW,Z=400W
Reducer	Japan SHIMPO
Electron Component	Schneider Electric
Chiller	HanLi /S&A
Machine Size	4580*2360*1840mm
Voltage	380V 3Ph,50/60Hz

PARAMETERS



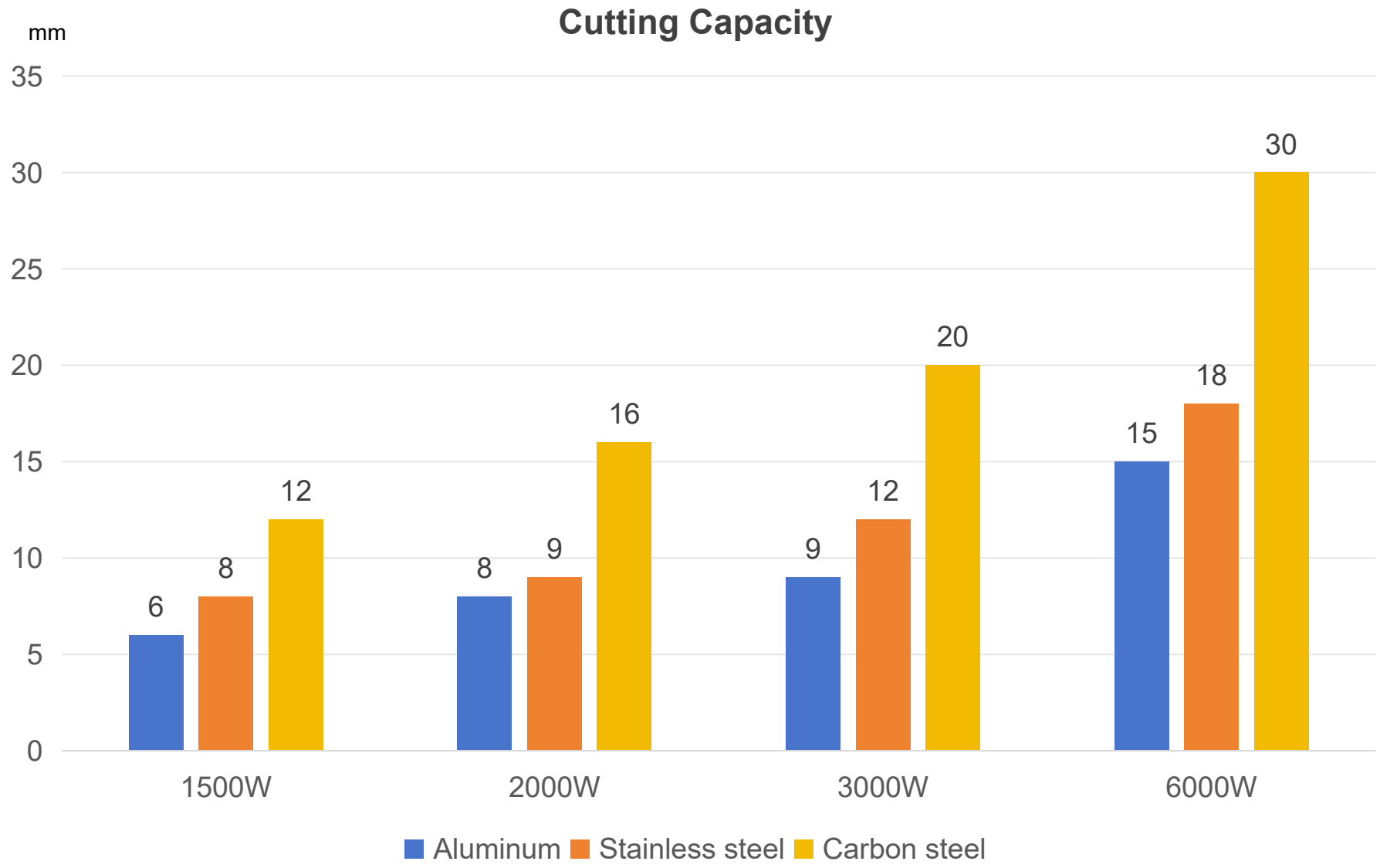
A 40HQ CONTAINER CAN HOLD 8 SETS OF 3015NP

The newly designed single-fiber laser cutting machine is a more cost-effective product with a smaller size. It can be fully packed into a 40-foot container and can transport 8 units at a time. This cutting machine boasts excellent cutting quality, compact floor space and low operating costs, and thus has gained increasing attention.



8+ 3015




Cutting Capacity
mm
35
30
25
20
15
10
5
0
6
8
12
8
9
16
9
12
20
15
18
30
1500W
2000W
3000W
6000W
Aluminum
Stainless steel
Carbon steel

Laser Cutting Head

Multiple Protection

3 protective lenses , highly effective collimating focus lens protection.2-way optical water cooling extends the continuous working time effectively.

High-precision

To successfully avoid step loss,a closed-loop stepping motor is used.The repetition accuracy is 1M and the focusing speed is 100mm/s. Dust-proof to IP65,with a patent-protected mirror cover plate and no dead angle.

Various Brands Of Laser Head Are Available

We can provide all high quality laser heads . It has been tested by us for a long time.



STRONG MACHINE LATHED BED

The lathed bed is after aging treatment: 1600℃ high temperature heat treatment, 24 hours with furnace cooling and precise co2 protection welding, which ensures along-term stability and no deformation.



CAST ALUMINUM BEAM

Monolithic cast aluminum beam

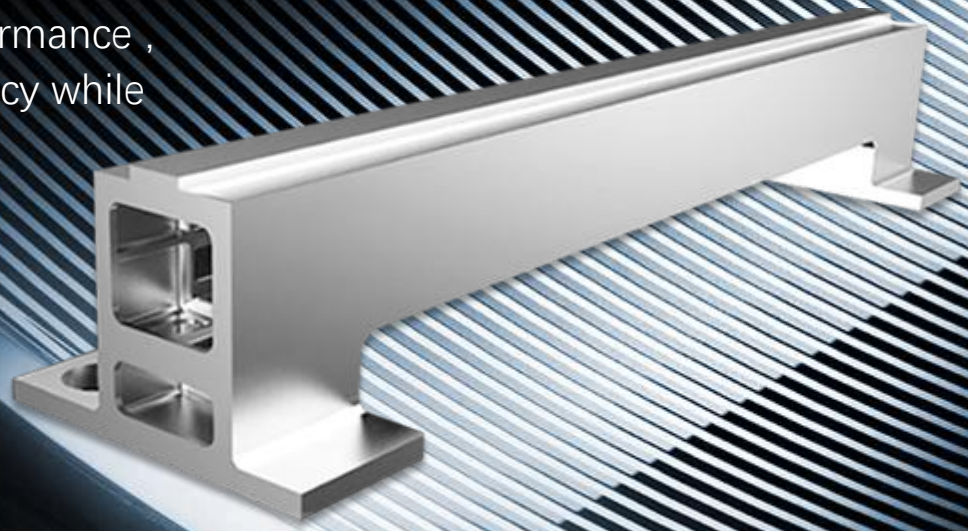
No deformation,light weight,high strength Light cross beams allow equipment to operate at a faster rate boosting processing efficiency and quality.

High Speed

The light crossbeam allows the machine to move at a faster rate and enhance cutting eficiency.

More Efficient

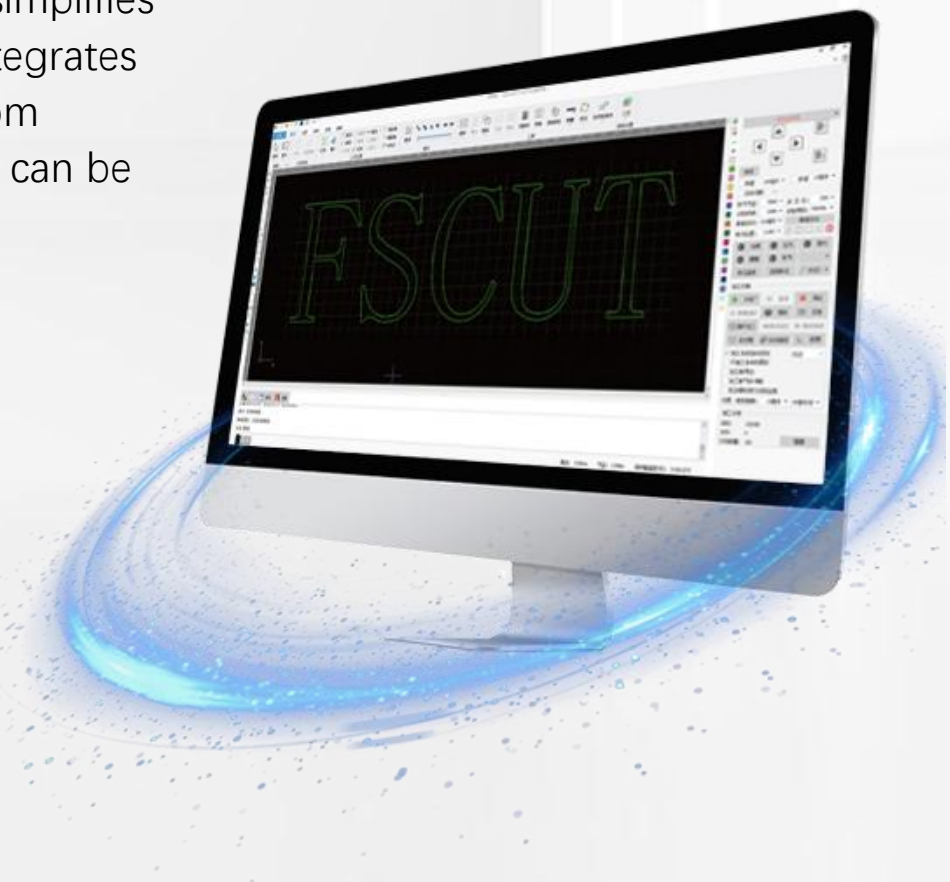
The aerospace industry's aluminum profile beam ensures that the equipment has efficient dynamic performance , considerably increasing processing efficiency while maintaining processing quality.



CYPCUT

Sheet Cutting Software

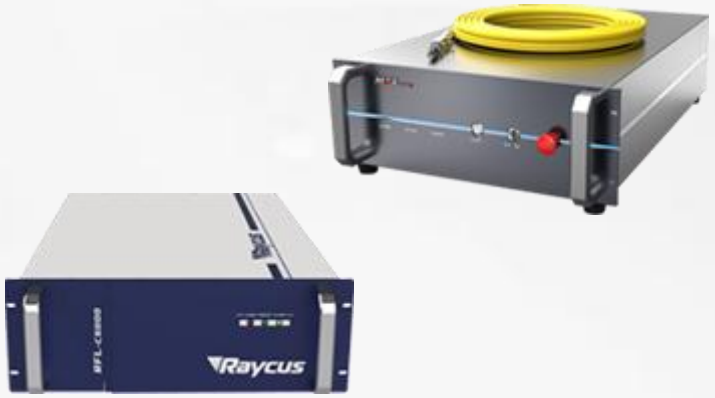
CypCut sheet cutting software is an in-depth design for fiber laser cutting industry. It simplifies complex CNC machine operation and integrates CAD, Nest and CAM modules in one. From drawing, nesting to workpiece cutting all can be finished by a few clicks.



1.Auto Optimize Imported Drawing
2.Graphical Cutting Technique Setting
3.Flexible Production Mode
4.Statistic of Production
5.Precise Edge Finding
6.Dual-Drive Error Offset

LASER SOURCE

Professional cutting laser source. With high-quality beam quality, high light conversion efficiency, the light emitting mode is more conducive to achieving a good and stable cutting effect with high quality.



SERVO DRIVER AND SERVO MOTOR



Professional cutting laser source. With high-quality beam quality, high light conversion efficiency, the light emitting mode is more conducive to achieving a good and stable cutting effect with high quality.

HCFa DELTA 台达





VOLTAGE STABILIZE

Stable voltage to ensure smooth operation of equipment.(Optional)

AIR COMPRESSOR

It is a essential tool for cutting stainless steel and thin carbon steel materials. More cost saving.(Optional)













Applicable material:

The Fiber laser cutting machine are good at processing common metal items in daily life such as advertising metal characters, kitchen utensils, sheet metal decoration, metal plates, etc., The Fiber laser cutting machine are widely used in electronics, electrical, mechanical hardware, new energy, packaging, solar energy, LED, automobile and other industries and also Widely used in cutting stainless steel, carbon steel, alloy steel, copper, brass, silicon steel, galvanized steel, nickel titanium alloy, Inconel, titanium alloy and other metal materials.









10 YEARS PROFESSIONAL ODM/OEM MANUFACTURER OF LASER EQUIPMENT

30,000㎡+

30,000-square-meter standardized workshop.

27+

We currently hold 27 technical patents.

300+

We produce more than 300 laser equipment every month.

4+

We own four separate trademarks.



Liaocheng Foster Laser Science & Technology Co., Ltd.

Liaocheng Foster Laser Science & Technology Co., Ltd. A professional manufacturer dedicated to the research and production of laser equipment, covers an area of over 10000 square meters. We mainly produce laser engraving machines, laser marking machines, laser cutting machines, laser welding machines, laser cleaning machines.

Since its establishment in 2004, Foster Laser has always adhered to the Customer centric . By 2023, Foster laser equipment has been exported to more than 100 countries and regions, including the United States, Brazil, Mexico, Australia, Turkey, and South Korea, winning the trust and support of customers. The company's products have CE, ROHS and other test certificates, a number of application technology patents, and provides OEM services for many manufacturers.

Foster Laser is equipped with a professional R&D team, sales team, and after-sales team, which can provide you with a perfect purchasing and usage experience. The company can customize products, logos, exterior colors, etc. according to demand. Meet your customization needs.

Foster Laser, looking forward to your visit.


A05
A06
A07











WIPO
WORLD
INTELLECTUAL
ORGANIZATION

TRADEMARK

10+

United States
Mexico
Britain
Brazil
Italy
Germany

Foster Laser has successfully registered trademarks in 10+ countries, which means the company has obtained legal protection for trademarks in these countries. These registrations not only ensure exclusive use of the company's brand and prevent others from infringing or imitating it, but also provide strong support for the company's expansion in the international market.

International Certification Shows Brand Strength

1.Strict Quality Control Standards
2.Authoritative Certification
3.Brand Guarantee



PACKAGING

1



Machine cleaning and
Protective oil processing

2



Wrapping with
protective film

3



Forklift moving goods

4



Container loading

5



Container Sealing

6



Transportation

EXHIBITION

Partners come from all over the world
With 10 years of export experience
















Q: How can I choose the most suitable machine?

A: In order to recommend you the most suitable machine model, please let us know the following details:
1.What is your material? 2.The size of material? 3.The thickness of material?

Q:When I got this machine,but I don't know how to use it. What should I do?

A:We will send operation video and manual for the machine. Our engineer will do training online. If needed, we can send our engineer to your site for training or you can send the operator to our factory for training.

Q:If some problems happen to this machine, what should I do?

A:We provide two years machine warranty. During the two-year warranty, in case any problem for the machine, we will provide the parts free of charge (except for artificial damage). After the warranty, we still provide whole lifetime service. So any doubts, just let us know, we will give you solutions.

Q:What is the payment terms?

A:The payment terms we accept include:Western Union,T/T,VISA,Onlina Bank Payment.

Q:How about the shipping ways?

A:Transport by sea is the normal way;If special requirement,need to be final confirmed on both sides.