SUITABLE FOR SHEET METAL CUTTING

FIBER LASER CUTTING MACHINE

AGENT | DISTRIBUTOR | OEM/ODM SERVICES

NEW
UPGRADE
LASER FIBER CUTTING MACHINE
FST-3015
FST

SIZE UPGRADE

EASY TO TRANSPORT

COST SAVINGS

FAST CUTTING SPEED

HIGH EFFICIENCY

LOW MAINTENANCE

NEW UPGRADE
3015 FIBER LASER CUTTING MACHINE

This fiber laser cutting machine optimized structure design, reduce the space proportion, minimize transportation costs, single platform open structure, multi-direction loading, high stability, fast speed. Long-term cutting without deformation, ensure stable operation of the equipment. Large diameter duct design. Independent control, subsection dust removal, improve smoke and heat exhaust effect, energy saving and environmental protection.

01 SELLING POINT

FOSTER LASER

1 / SIZE UPGRADE

Under the premise of not affecting the performance of the machine, the product structure is optimized and the space proportion is reduced. The container can accommodate six machines at the same time, saving transportation costs.

2 / HIGH EFFICIENCY PRODUCTION

Utilizes advanced fiber laser technology for rapid cutting speeds and efficient production capabilities.

3 / FLEXIBLE PROCESSING

Equipped with an automatic exchange table system for continuous processing, enhancing productivity and supporting rapid cutting of multiple materials.

4 / ASSEMBLED DELIVERY

Without disassembly, it can be directly loaded into the container. It greatly shortens the installation and debugging time of customers, and facilitates the use experience of customers.

5 / INTELLIGENT OPERATION

User-friendly interface and intelligent control system make operation simple and easy to master.

6 / ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY

Fiber laser technology eliminates the need for chemical agents, resulting in no emissions of exhaust gases or wastewater, meeting environmental requirements.

7 / DURABLE AND STABLE

Robust structure and high stability ensure long-term continuous operation with minimal risk of failure, extending the equipment's lifespan and reliability.

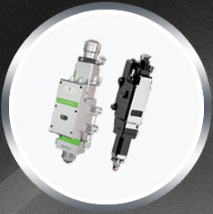
8 / WIDE APPLICATION

Ideal for cutting metal materials such as steel, aluminum, and copper, widely used in industries including mechanical manufacturing, automotive parts, and electronics.

02/ CONFIGURATION

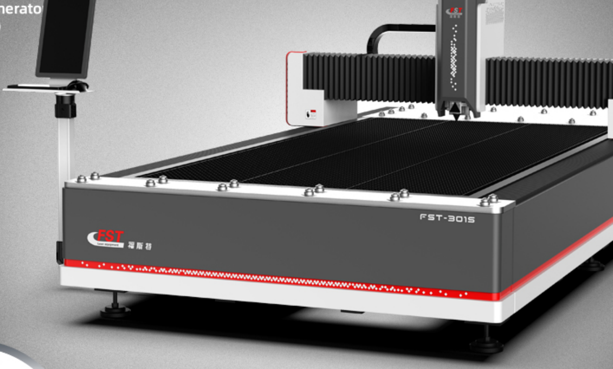
FOSTER LASER

Servo Motor Driver
(Delta/Fuji /Yaskawa)



Laser Head
(Raytools /BOCI)

Fiber Laser Generato
(Raycus/MAX)



Control System
(Raytools/FSCUT)

Taiwan HIWIN
Linear Guide Rails

Japan Shimpo reducer

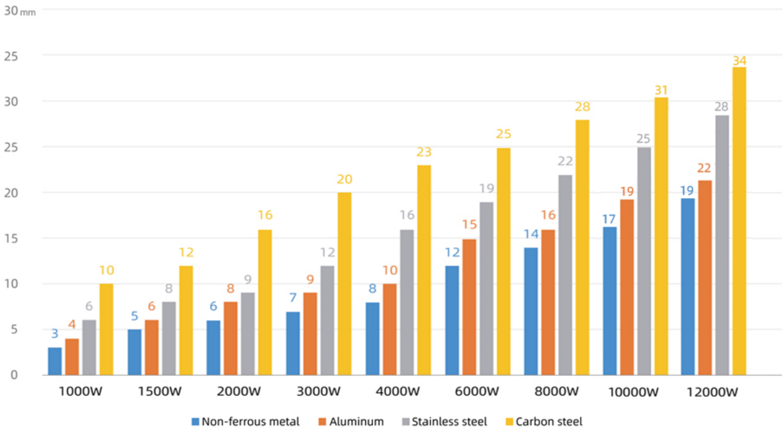
TAIWAN YYC Rack

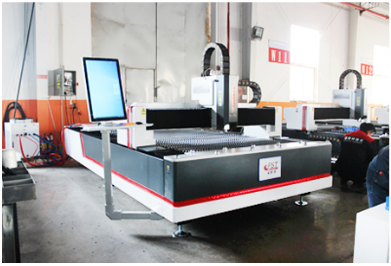
03 PARAMETERS

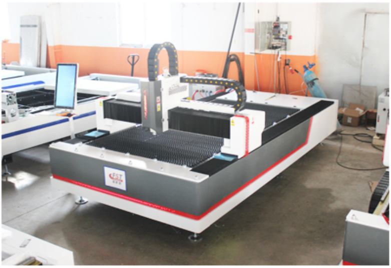
FOSTER LASER

Model	FST-Newly designed laser cutting machine
Control System	CypOne/CypCut-Friendess

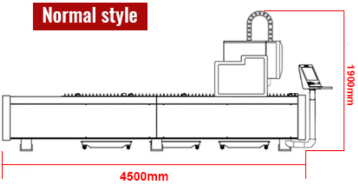
Drives and Motors	Japan Fuji Servo Motor System
Fiber Laser Head	Raytools Laser Head
Fiber Source	Raycus or Max or IPG
Lubrication System	Electrical Motored
Guide Rails	Taiwan HIWIN Rails
Rack and Gear	Taiwan YYC Rack
Driver system power	X=0.75/1.3KW,Y=0.75/1.3KW,Z=400W
Reducer	Japan SHIMPO
Electron Component	DELIXI ELECTRIC
Chiller	HanLi /S&A
Machine Size	4500*2180*1340mm
Voltage	220V 1Ph or 380V 3Ph,50/60Hz



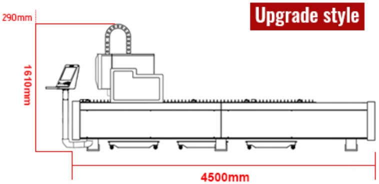




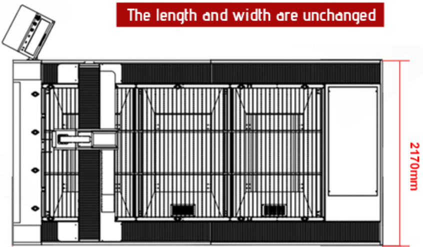
Normal style



Upgrade style



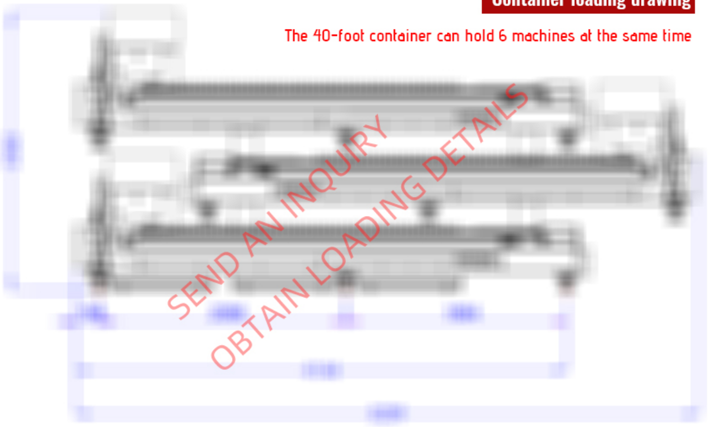
The length and width are unchanged



The newly designed single fiber laser cutting machine is a more cost-effective product with a smaller size. It can be loaded into a 40 foot container as a whole, with 6 units shipped at once without the need for disassembly, saving installation trouble after arrival. With excellent cutting quality, compact footprint, and low operating costs, this cutting machine is receiving increasing attention.

Container loading drawing

The 40-foot container can hold 6 machines at the same time



04 PRODUCT DETAILS

FOSTER LASER

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.

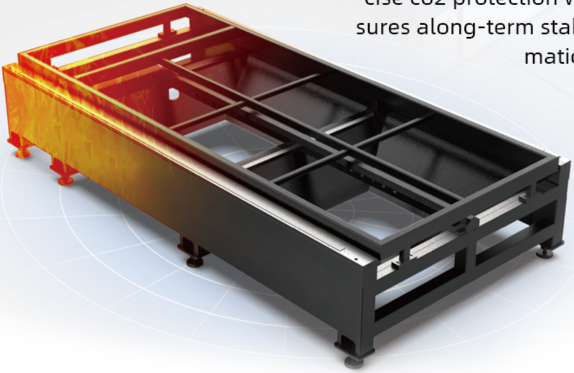
Various Brands Of Laser Head Are Available

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

BEAM MOTION
RayTools

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.



MONOLITHIC CAST ALUMINUM BEAM

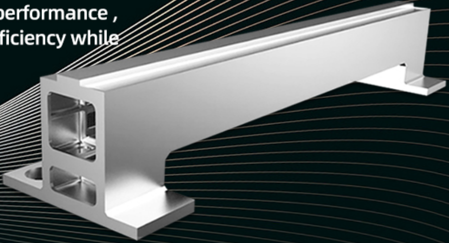
No deformation,light weight,high strength Light cross beams allow equipment to operate at a faster rate boosting processing efficiency and quality.

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.

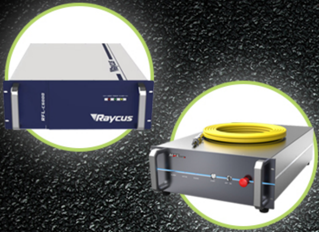


CypCut

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.

05 APPLICATIONS

FOSTER LASER

FST
Laser equipment
福斯特

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

30,000m²+
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.

天人合一
以信为本
用仁义道德实现企业可持续发展
用我们的产品为顾客创造幸福
福斯特激光

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.

世界爱上中国智造
rldwide love for Chinese creation
18号
FST
福斯特
聊城福斯特激光科技有限公司
LIAOCHENG FOSTER LASER SCIENCE&TECHNOLOGY CO., LTD

WIPO
WORLD
INTELLECTUAL
ORGANIZATION

TRADEMARK

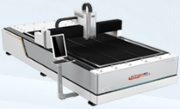
10+

- 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.

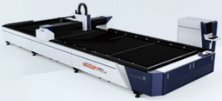
International Certification Shows Brand Strength

- ✓ Strict Quality Control Standards
- ✓ Authoritative Certification
- ✓ Brand Guarantee



FST-3015I

Integrated Fiber Laser Cutting Machine



FST-12025HF

Ultra-large Fiber Laser Cutting Machine

FST-6024T

Fiber Laser Tube Cutting Machine

FST-3015FM

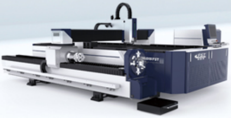
Flatbed Fiber Laser Cutting Machine

FST
Laser equipment
福斯特

MORE MODELS

FST-6060S

Fiber Laser Precision Cutting Machine

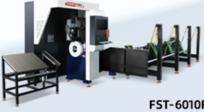


FST-3015FT

Dual-use Sheet & Tube Laser Cutting Machine

FST-6022AT

Automatic Laser Tube Cutting Machine



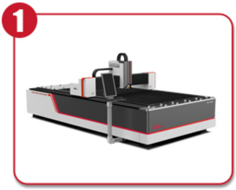
FST-6010FAT

Fully Automatic Laser Tube Cutting Machine

06 PACKAGING

FOSTER LASER

1



Machine cleaning and
Protective oil processing

2

Wrapping with
protective film

3

Forklift moving goods

Transportation

Container Sealing

Container loading

MAERSK

msc

COSCO SHIPPING

CMA CGM

EVERGREEN

Hapag-Lloyd
Flug

FST
Laser equipment
福斯特

EXHIBITION

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

VIEW MORE >>

FOSTER LASER
FST 福斯特

FAQ | Welcome to contact us

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 get this machine, how do I use it?

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.

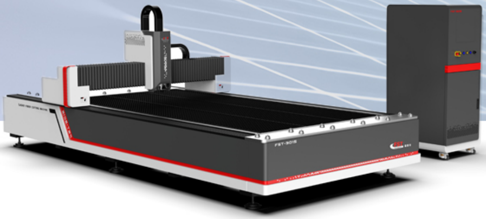
OTHER MODELS

FST-3015

FM Series (Above 6000W)

FLATBED FIBER LASER CUTTING MACHINE

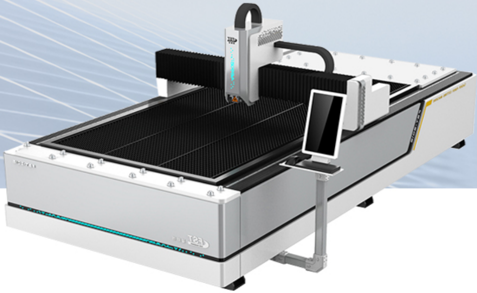
Fast Speed Cutting, Improve Efficiency
Efficient And Practical, Completely Upgraded



I Series

INTEGRATED LASER CUTTING MACHINE

FST-3015I

Fast Speed Cutting
Brand New Double-beam Bed Structure
Improve processing efficiency