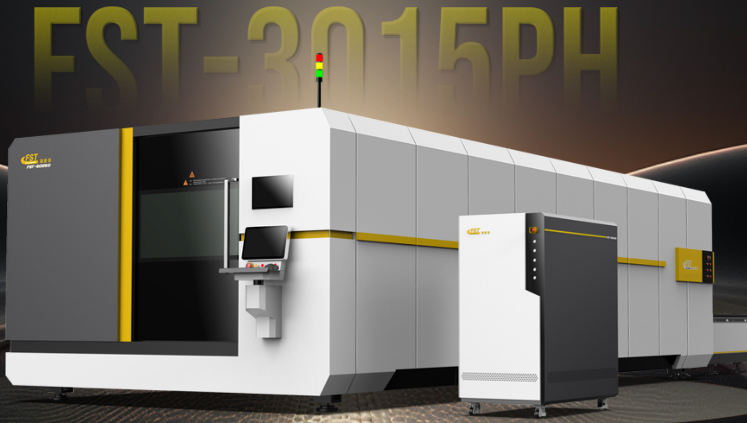
FST
Laser equipment
福斯特

FST-PH SERIES
FULL ENCLOSED LASER CUTTING MACHINE



THICKENED FULL PROTECTIVE COVER

VISUAL PROTECTION WINDOW

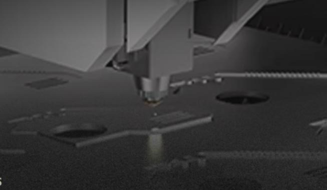
DUST AND SMOKE REMOVAL SYSTEM

INTELLIGENT MONITORING SYSTEM

3015 Full Enclosed Laser Cutting Machine

is a fully enclosed metal sheet fiber laser cutting machine with exchange platform. Equipped with fiber laser source of power from 1.5kw to 30kw, it is able to cut up to 25mm metal sheet. And the working area is from 3000mm*1500mm to

6000mm×2500mm.
The fully-protected closed design ensures the safety of processing. It has the advantages of fast cutting speed, good cutting effect, low operating cost, and good stable processing ability.
This cnc laser cutter is equipped with an international mainstream transmission drive system, new generation of welding machine bed and aluminum beams, new designed air circuit control module, new optimized control system and etc., The laser cutting machine is equipped with a new advanced fiber laser and laser cutting head, with superior comprehensive performance.



PRODUCT SELLING POINT

01/ UPGRADED MECHANICAL STRUCTURE

Ultra light aluminum crossbeam, produced using 10000 ton extrusion technology to create aluminum crossbeams; Fire resistant, high temperature resistant, and excellent operational stability.

02/ HIGH-PRECISION TRANSMISSION SYSTEM

The machine adopts a servo double-drive gantry structure, rack guide rail transmission, and the machine tool transmission system parts are imported brands to ensure the equipment's long-term high-speed cutting accuracy.

03/ SAFETY AND NO POLLUTION

Fully enclosed structure with special laser protection visual window, the smoke generated by cutting can be quickly eliminated, environmentally friendly and pollution-free.

04/ MONITORED CONTROL SYSTEM

During the processing, each area can be monitored at any time and the process can be controlled.

05/ AUTOMATIC FOCUSING CUTTING HEAD

Automatic focus adjustment, suitable for planting focal length; Non sensory perforation, flexible cutting. High cutting efficiency, real-time monitoring of status, and only early warning of faults.

06/ EFFICIENT CUTTING

The dual exchange platform adopts a heavy-duty plate welded bed body to meet the load-bearing requirements of thick plates, realizing synchronous cutting operations for loading and unloading, greatly improving cutting efficiency.

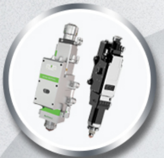
FOSTER LASER

CONFIGURATION

Control System
(Raytools/FSCUT)

TAIWAN YYC Rack

Laser Head
(Raytools /BOCI)

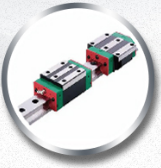


Exchange Table

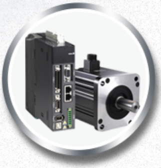
Fiber Laser Generator
(Raycus/MAX)

Intelligent Monitoring

Taiwan HIWIN
Linear Guide Rails



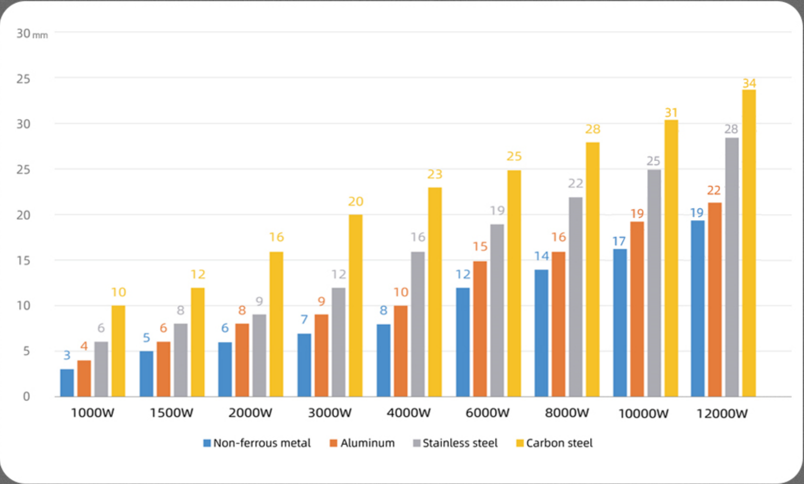
Servo Motor Driver
(Delta/Fuji /Yaskawa)



FOSTER LASER

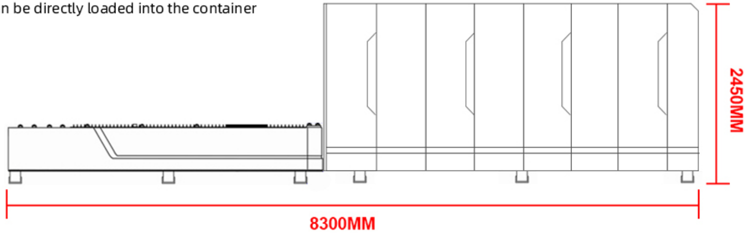
PARAMETERS

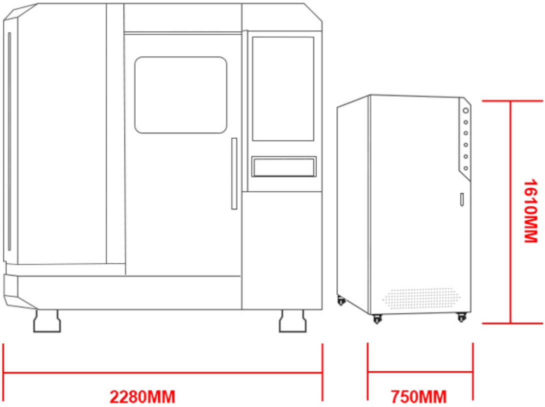
Model	FST-3015PH(1560/2060/2560)
Working Area	1500*3000/1500*6000/2000*6000/2500*6000(mm)
Laser Power	1500W/2000W/3000W/6000W/12000W/15000W/20000W etc.
Cooling Method	Water cooling protection
Positioning Accuracy	±0.01mm
Maximum Acceleration	1G-2G
Compatible Software	CorelDraw/AutoCAD/Photoshop/Al etc.
Working Voltage	220V/380V
Laser Source	Raycus/MAX/IPG/RECI
Transmission System	Dual Rack & Pinion Type
Ambient Temperature	0-45℃
Maximum Empty Line Speed	110m/min
Cutting system	Cypcut/Raytools

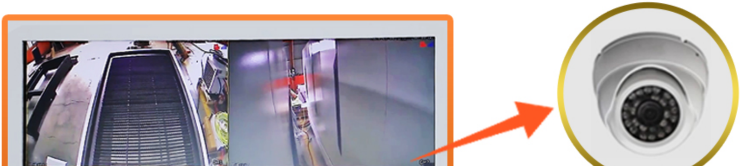


FST-3015PH

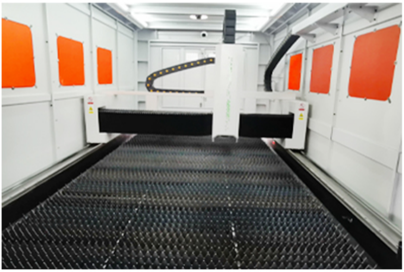
No disassembly,
can be directly loaded into the container







There are four monitoring heads inside and outside to monitor the working status in real time



OTHER MODELS

PH Series

FST-6025/3015

FULL ENCLOSED FIBER LASER CUTTING MACHINE

Fast Speed Cutting, Improve Efficiency
Brand New Double-beam Bed Structure

FST-3015/4020

PH Series

FIBER LASER CUTTING MACHINE

Fast Speed Cutting, Improve Efficiency
Efficient And Practical, Environmental protection

FST-3015D
FST-3015D

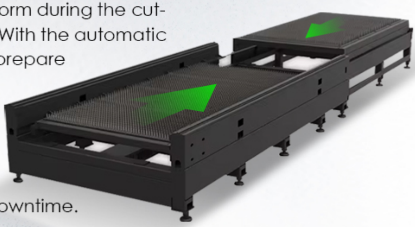
FOSTER LASER

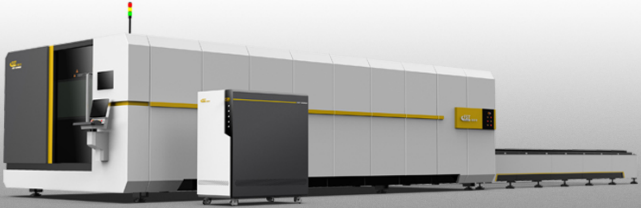
PRODUCT DETAILS

Intelligent Automatic Exchange table

15S
QUICK CHANGE

The exchange table is a critical component of the fiber laser cutting machine, consisting of two platforms and associated automation systems.This feature allows operators to swap work pieces on the alternate platform during the cutting process without halting operations. With the automatic exchange table system, operators can prepare the next work piece in advance, enabling continuous cutting, the exchange platform only takes 15 seconds for each exchange, operations and thus enhancing production efficiency whileminimizing downtime.





Full Protection Cover

There are built-in cameras at the front and rear of the protective cover, and an intelligent central control system is used to monitor the operation. Thickened sheet metal protective cover, safe production.

FST
FST-60250

Clean and safe production environment

The fully enclosed structure is equipped with a special laser protection visual window dust removal system, which strictly complies with EU environmental standards.

MAX
MFSC-12000
Raycus
RFL-C10000

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.

Laser Cutting Head

The software automatically adjusts the
focusing lens to realize automatic perforating
and cutting plates of different thickness.
The speed of automatically adjusting focus lens
is ten times of the manual adjusting.

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

FOSTER LASER

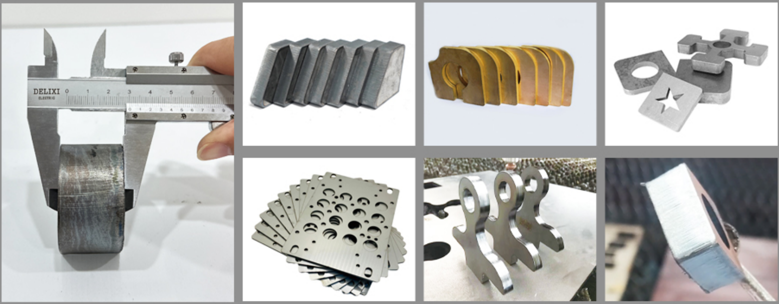
APPLICATIONS

Applicable material

Fiber Laser Cutting Equipment is suitable for metal cutting with Stainless Steel , Mild Steel Plate, Carbon Steel, Alloy Steel Plate, Spring Steel, Iron Plate, Galvanized Iron, Galvanized Sheet, Aluminum Plate, Copper Sheet, Brass Sheet, Bronze Plate, Gold Plate, Silver Plate, Titanium Plate, Metal Sheet, Metal Plate, etc. Different cutting thickness depends on different laser power selection in sheet metal laser cutting machine.

Application industry

Used in sheet metal processing, aviation, aerospace, electronics, electrical appliances, subway parts, automobiles, grain machinery, textile machinery, engineering machinery, precision parts, ships, metallurgical equipment, elevators, household appliances, craft gifts, tool processing, decoration, advertising, metal processing, kitchen processing and other manufacturing and processing industries.



10 YEARS PROFESSIONAL ODM/OEM MANUFACTURER OF LASER EQUIPMENT

30,000m²+	27+	300+	4+
30,000-square-meter standardized workshop.	We currently hold 27 technical patents.	We produce more than 300 laser equipment every month.	We own four separate trademarks.

CE ISO RoHS FC SGS

天人合一
以信为本
用仁义道德头现企业可持续发展
用我们的产品为顾客创造幸福
福斯特激光
①
以厚德 润天下

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

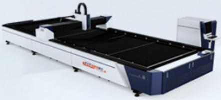
CERTIFICATE OF CONFORMITY

Certificate of Conformity

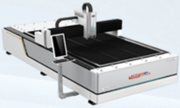
CERTIFICATE

Proof of RCM Compliance

Supplier's Declaration of Conformity



FST-12025HF
Ultra-large Fiber Laser Cutting Machine



FST-3015I
Integrated Fiber Laser Cutting Machine

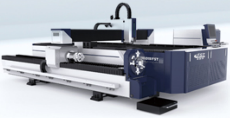
FST-6024T
Fiber Laser Tube Cutting Machine

FST-3015FM
Flatbed Fiber Laser Cutting Machine

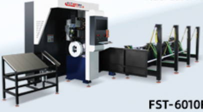
FST
Laser equipment
福斯特

MORE MODELS

FST-6060S
Fiber Laser Precision Cutting Machine



FST-3015FT
Dual-use Sheet & Tube Laser Cutting Machine



FST-6010FAT
Fully Automatic Laser Tube Cutting Machine

FST-6022AT
Automatic Laser Tube Cutting Machine

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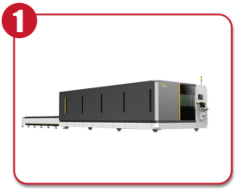
DELIVERY

1



Machine cleaning and
Protective oil processing

2

Wrapping with
protective film

3

Forklift moving goods

Transportation

Container Sealing

Container loading

EMS

FedEx Express

TNT

ups

DHL EXPRESS

CONTAINER SHIP

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.