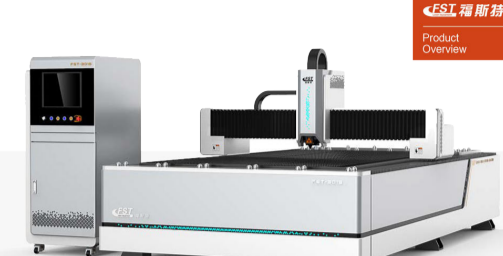


SUITABLE FOR SHEET METAL CUTTING

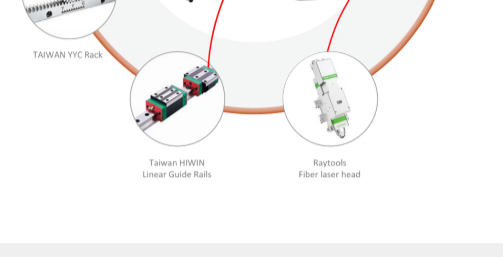
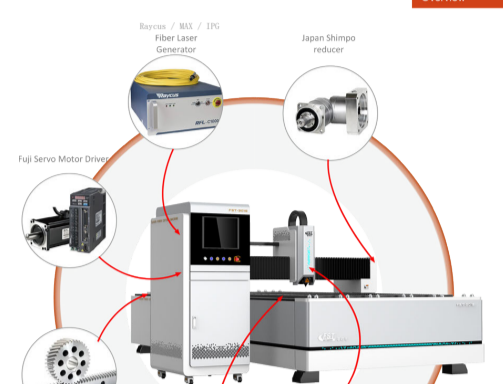
FIBER LASER CUTTING

AGENT DISTRIBUTOR OEM/ODM SERVICES

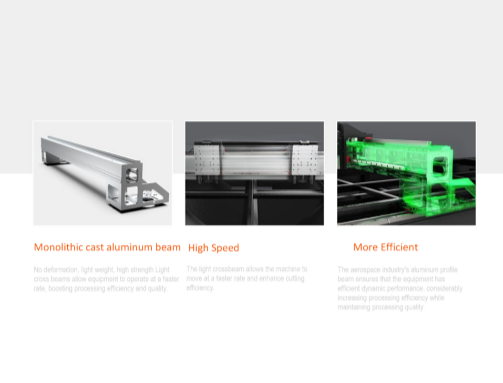


FOSTER LASER SUPER FA

We are dedicated to developing and producing the highest quality fiber laser cutting, laser welding, laser marking, and laser engraving machines.



<p>Since 2015</p> <p>Foster began working in the laser research and development business in 2015.</p>	<p>Production Capacity 300</p> <p>We currently produce 60 sets of fiber laser cutting machines per month, with a goal of 300 sets per month.</p>	<p>Factory area 6000</p> <p>Our factory is in Liaocheng, with a 6,000-square-meter standardized workshop.</p>
<p>Famous brand 4</p> <p>We own four separate trademarks. Foster laser is our worldwide trademark, which is currently being accepted.</p>	<p>R & D patent 10</p> <p>We currently hold ten technical patents, with more being added each year.</p>	<p>Service center 10</p> <p>We have ten after-sales centers around the world.</p>



FLATBED FIBER LASER CUTTING MACHINE

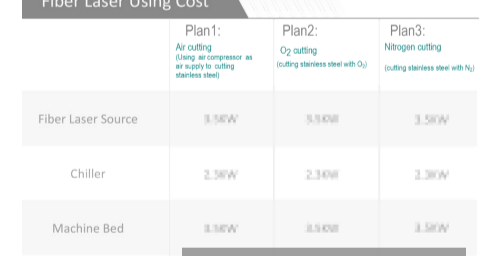
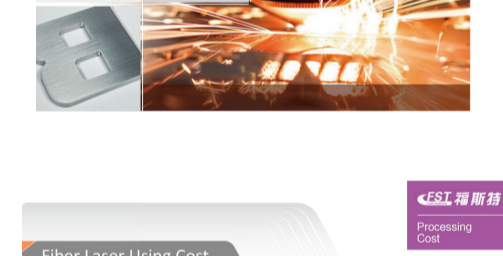
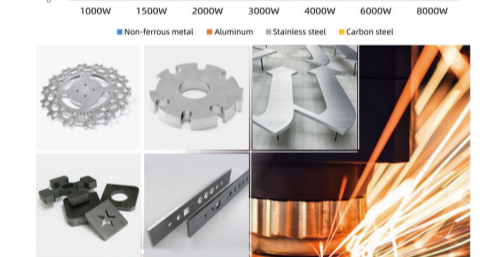
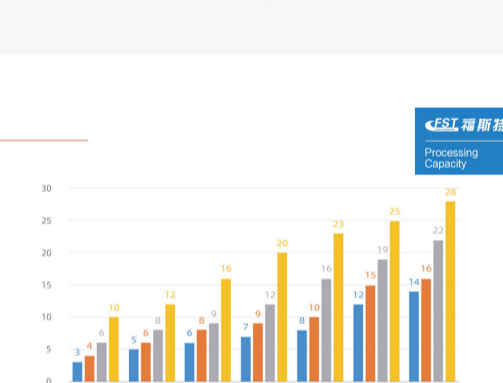
Mode & Working Area → FST-3015 3000x1500mm



Famous brand product



Industrial Machine Bed

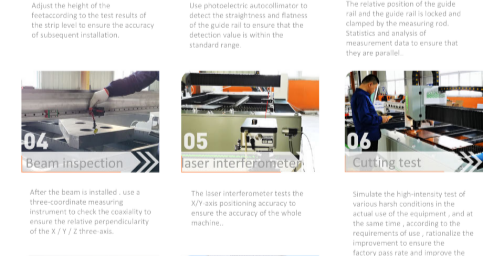
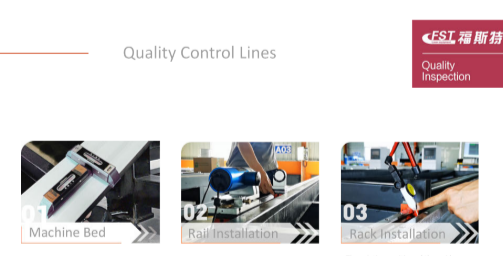
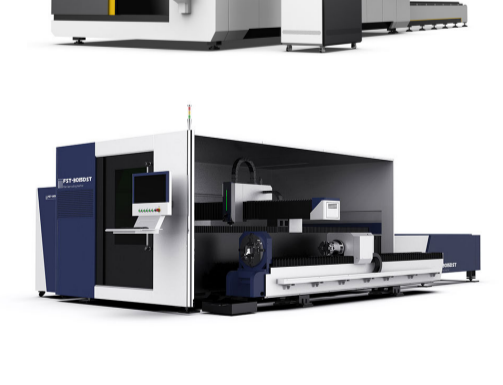


The Segmented Rectangular Tube Welded Bed
The tube structure is an excellent metal homogeneous structure welded together with a number of rectangular tubes. Different sizes make the tubes to strengthen the bed's strength and load capacity, as well as the maintenance and stability of the guide rail, preventing deformation.

Lifetime Service
It ensures that the machine will continue accurately for a long period and will not distort over its lifetime.

Higher Precision
High tensile strength, stability, and strength allowing for 20 years of use without distortion.

Cast Aluminum Beam

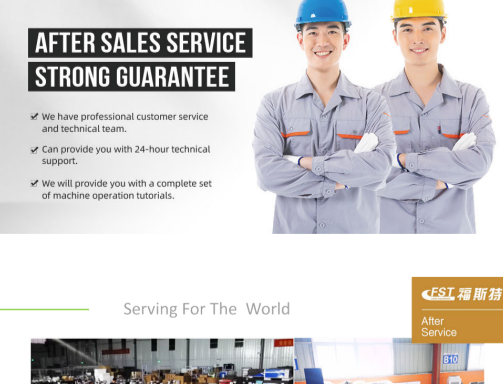


Monolithic cast aluminum beam
The beams are light weight, high strength light alloy beams allow equipment to operate at a faster rate, boosting processing efficiency and quality.

High Speed
The light construction allows the machine to move at a faster rate and enhance cutting efficiency.

More Efficient
The advanced industry's aluminum guide beam ensures that the equipment has efficient dynamic performance, considerably increasing processing efficiency while maintaining processing quality.

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 1 μm and the focusing speed is 100 mm/s. Dust-proof to IP65, with a patent-protected mirror cover plate and end angle design.

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.

Friendless System

CypLine / CypCut

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 to ease. From drawing, nesting to workplace cutting all can be finished by a few clicks.

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

Main Configuration

Model	FST-FM Series
Control System	CypOne/CypCut - Friendless
Drives and Motors	Japan Fuji Servo Motor System
Fiber Laser Head	Raytools CypCut Laser Head
Fiber Source	Raycus or Max or IPG
Lubrication System	Electrical Motored
Guide Rails	Taiwan HIWIN Rails
Rack and Gear	Taiwan YWC 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
Voltage	220V 1Ph or 380V 3Ph, 50/60Hz
Gross weight	1.9T

Optional Configuration

Model	Detail
Control System	CypCut
Drives and Motors	Yaskawa Servo Motor System
Fiber Laser Head	RAYTOOLS BM110 Automatic Focus Laser Head
Stabilizer	Made in China
Exhaust fan	3KW
Wooden packing	With metal bracket

Technical Parameters

Model	FST-FM 3015 Fiber Laser Cutting Machine
Cutting Size	1500*3000mm
Laser Power	1/1.5/2/3/4/6/8/12KW
Laser Wavelength	1080nm
Laser Beam quality	<0.373mrad
Working Life of Fiber Source	More than 10,000 hours
Position of Type	Red Dot Pointer
Cutting Thickness	0.5-10mm Within The Range Standard Precision
Max. Idle Running Speed	80-110M/min
Max acceleration	1G
Repositioning Accuracy	Within ±0.01mm
Lubrication System	Electrical Motored
Cooling mode	Water cooling and protection system
Machine power	9.3KW / 13KW / 18.2KW / 22.9KW
Auxiliary Gas for Cutting	Oxygen, Nitrogen, Compressed Air
Compatible Software	AutoCAD, CorelDraw, etc.
Handle Control	Wireless Control Handle
Graphic Format	DXF/PLT/AI/LXD/GBX/GBX/NC code
Power Supply Voltage	220V 1Ph or 380V 3Ph, 50/60Hz
Warranty	2 Years

Machine size

Processing Capacity

Fiber Laser Using Cost

	Plan1: Air cutting (Using air compressor as air supply to cutting stainless steel)	Plan2: O ₂ cutting (Cutting stainless steel with O ₂)	Plan3: Nitrogen cutting (Cutting stainless steel with N ₂)
Fiber Laser Source	1.5KW	3.5KW	1.5KW
Chiller	2.5KW	2.5KW	2.5KW
Machine Bed	0.3KW	0.3KW	0.3KW
Machine Electric Power	Please contact us to get a detailed quotation and understand the using cost of fiber laser cutting machine.		
Wearing Parts			
Gas Consumption	15KW	4.7USD/H	28.5USD/H
Average Consumption (take 80% cutting efficiency)	3.15KW-0.24KW	0.37KW-0.24KW	0.25KW-0.44KW
Total operating cost	2.8USD/H	0USD/H	28.5USD/H

More options

Quality Control Lines

Packaging delivery

No installation is required.
After receiving the goods, you can plug in the power directly after connecting the accessories!

AFTER SALES SERVICE STRONG GUARANTEE

- ✓ We have professional customer service and technical team.
- ✓ Can provide you with 24-hour technical support.
- ✓ We will provide you with a complete set of machine operation tutorials.

Serving For The World

