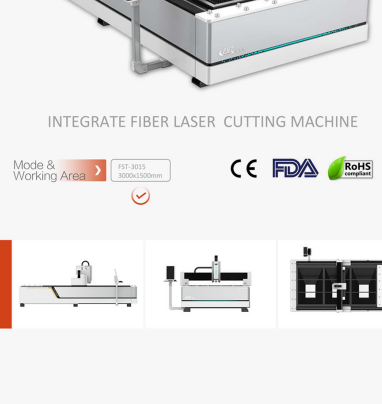
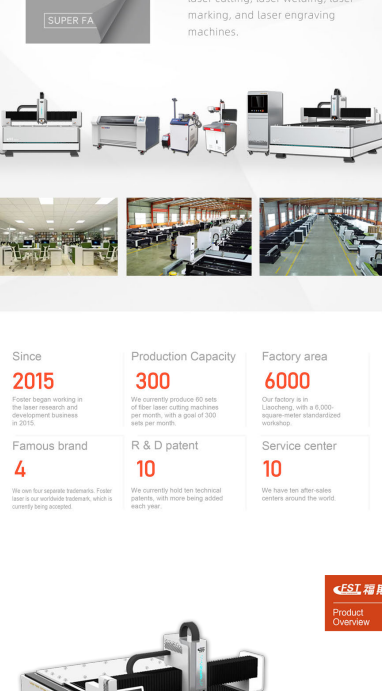


SUITABLE FOR SHEET METAL CUTTING

FIBER LASER CUTTING

AGENT DISTRIBUTOR OEM/ODM SERVICES



Since **2015** Foster began working in the laser research and development business in 2015.

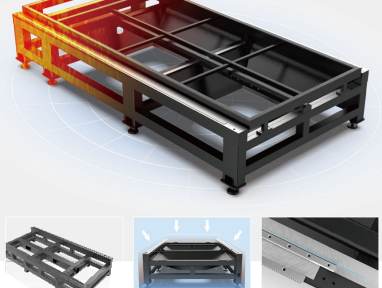
Production Capacity **300** We currently produce 60 sets of fiber laser cutting machines per month, with a goal of 300 sets per month.

Factory area **6000** Our factory is in Luchang, with a 6,000-square-meter standard workshop.

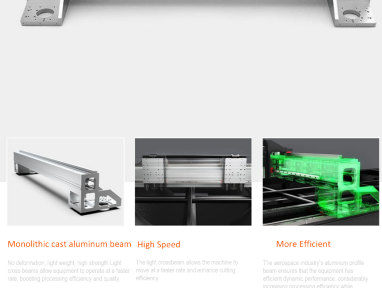
Famous brand **4** We use four separate trademarks. Foster laser is our core trademark, which is currently being accepted.

R & D Patent **10** We currently hold ten technical patents, with more being added each year.

Service center **10** We have ten after-sales centers around the world.



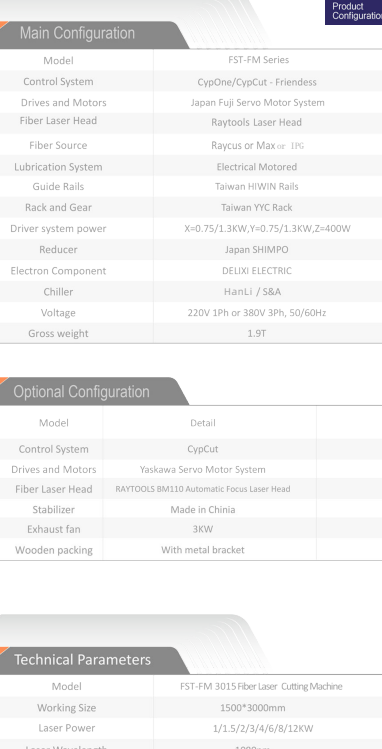
INTEGRATE FIBER LASER CUTTING MACHINE



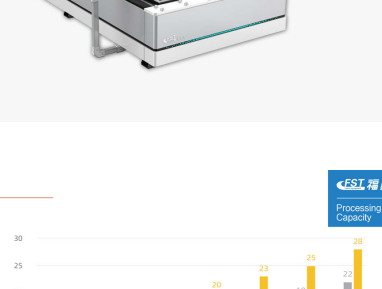
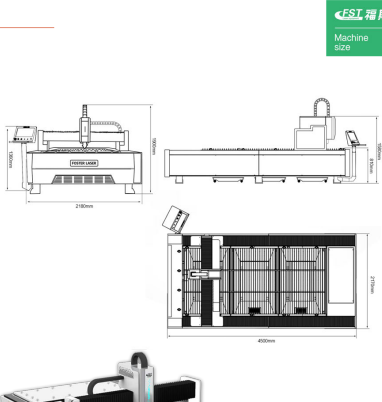
Mode & Working Area **FST-3015 3000x1500mm**

CE FDA RoHS

Famous brand product



Industrial Machine Bed

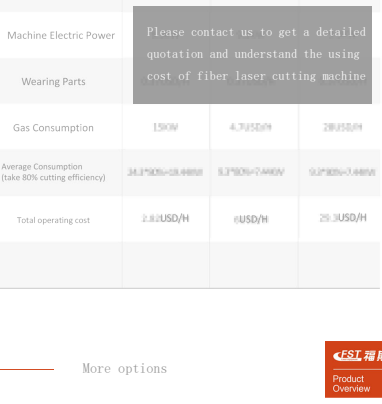


The Segmented Rectangular Tube Welded Bed The bed's frame structure is a welded metal hexagonal structure welded together with a number of rectangular steel tubes. This design makes the bed stronger, the bed's strength and rigidity are well above the average, and the rigidity of the guide rail is stronger than average.

Lifetime Service The light machine allows the machine to move at a faster rate and surface cutting efficiency.

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

Cast Aluminum Beam

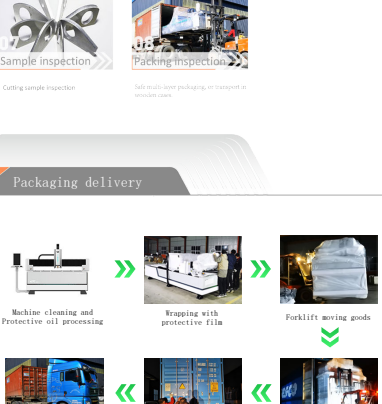


Monolithic cast aluminum beam No deformation, light weight, high strength. Light cross beams allow equipment to operate at a faster rate, boosting processing efficiency and quality.

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

More Efficient The advanced industry's aluminum profile beam ensures that the equipment has efficient dynamic performance, considerably improving 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 stop steps, a closed-loop stepping motor is used. The repetition accuracy is 1 μm and the focusing speed is 300 mm/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.

Friendly Control System



CypOne / 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 in one. From drawing, nesting to workpiece cutting, all can be finished by a few clicks.

- Auto Creation Imported Drawing
- Graphical Cutting Technology Setting
- Flexible Protection Mode
- Schedule of Production
- Precise Edge Finishing
- Real-time 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 Laser Head
Fiber Source	Raycus or Max or IPG
Lubrication System	Electrical Motored
Guide Rail	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	HANLI ELECTRIC
Chiller	DeLiXi / 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
Working 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
Positioning Type	Red Dot Pointer
Cutting Thickness	0.5-10mm Within The Range Standard Precision
Max. Idle Running Speed	80-110M/min
Max acceleration	1G
Reorientation 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

Fiber Laser Using Cost

	Plan1: Air cutting (using air compressor as auxiliary gas for stainless steel)	Plan2: Oxygen cutting (cutting stainless steel with O2)	Plan3: Nitrogen cutting (cutting stainless steel with N2)
Fiber Laser Source	1.5KW	5.5KW	3.5KW
Chiller	2.5KW	2.5KW	2.5KW
Machine Bed	3.5KW	3.5KW	3.5KW
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	1.5KW	4.75USD/H	28.0USD/H
Average Consumption (take 80% cutting efficiency)	3.12USD/H	1.75USD/H	0.27USD/H
Total operating cost	2.63USD/H	6USD/H	29.3USD/H

More options

Quality Control Lines

Packaging delivery

Our certificate

Made in China, serving for the world

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

聊城福斯特激光科技有限公司

LIAOCHENG FOSTER LASER SCIENCE & TECHNOLOGY CO., LTD

