

FOSTER LASER

# HANDHELD FIBER LASER WELDING MACHINE





Save 2-5  
professional welders



Precision welding



Thin plate welding



Fast welding speed



Easy to learn,  
no professional required



Almost no deformation



Welding of different  
metal materials



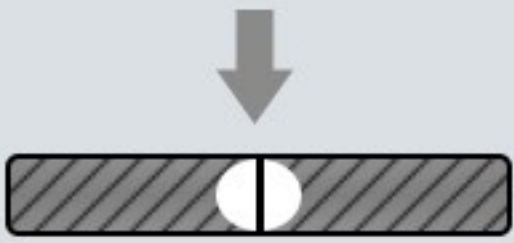
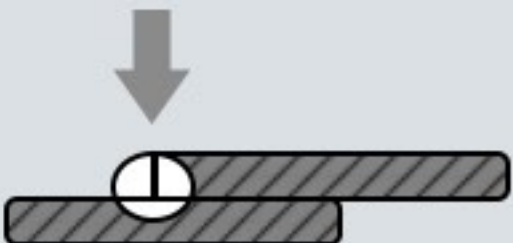
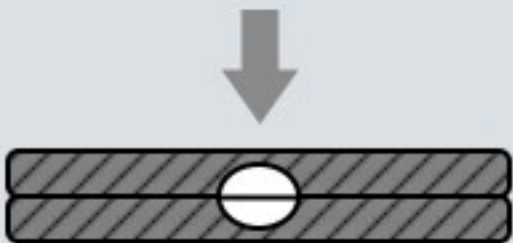
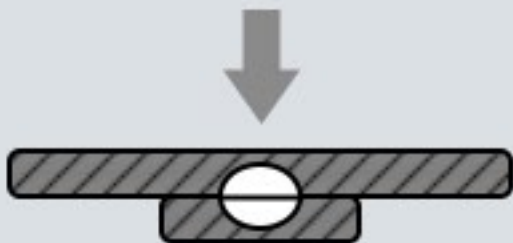
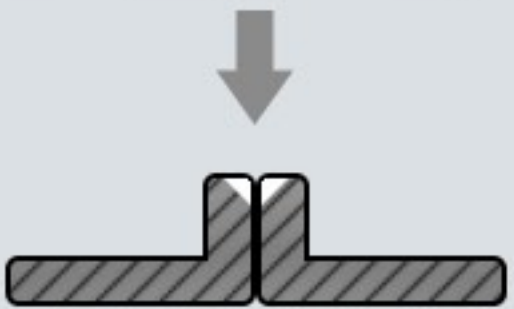
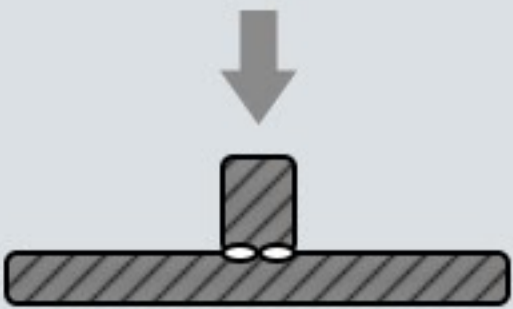
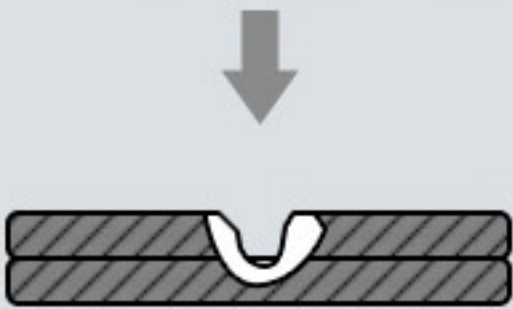
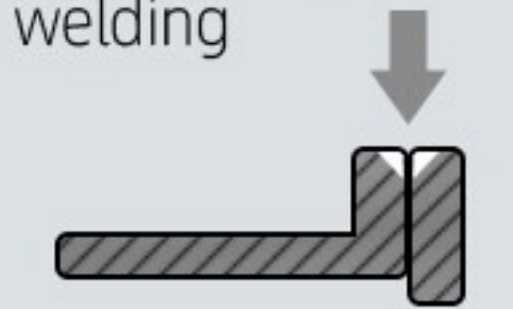
No sanding required

Welding for stainless steel, carbon steel, galvanized sheet, aluminum, copper ...

# SUPPORT MULTIPLE WELDING METHODS



Suitable for welding complex seams and various devices

Butt welding 	Lap welding 	Stitch welding 	Nail welding 
Crimping welding 	T-weld 	Stack Lap welding 	Splicing edge welding 

# LASER WELDING MACHINE

IS MORE FASTER, EASY TO OPERATION, HELP  
YOU SAVE 2-5 PROFESSIONAL WELDERS ONE YEAR

VS

## LASER WELDING MACHINE

Speed

Faster

Heat  
input

Less

Workpiece  
deformation

Less

Weld  
shape

Smooth

Subsequent  
processing

Easy

Operation

Very easy

Welder  
requirements

No professional required

## TRADITIONAL WELDING MACHINE

Slow

More

More

Fish-scale pattern

Difficulty

Difficulty

Must be professional

# THE COST

## TRADITIONAL WELDING MACHINE LASER WELDING MACHINE

Class	Traditional welding machine	Laser welding machine
Number of workers	3 people	1 people
Worke's salary	3,000USD	1,000USD
Number of polishing workers	1 people	0 people
Polishing worke's salary	1,000USD	0USD
Total monthly	4,000USD	1,000USD
Annual total	<b>48,000USD</b>	<b>12,000USD</b>

Laser welding machine is more faster, easy to operation,  
Help you save 2-5 professional welders one year.

# PARAMETER

Model	Fiber laser welding machine
Laser wavelength	1070nm
Laser power	1000W/1500W/2000W
Operating mode	Continuous/pulse
Length of fiber-optical	10m(standard)
Interface of fiber-optical	QBH
Module life	100000hrs
Power supply	220V / 380V
Cooling method	Water Cooling
Laser Energy Stability	<2%
Air humidity	10-90%
Recommended welding thickness	1000W Stainless steel, carbon steel 0-2mm
Red light positioning	Support

Recommended welding thickness	
1000W	Stainless steel, carbon steel 0-2mm Galvanized sheet, aluminum 0-1.5mm
1500W	Stainless steel, carbon steel 0-3mm Galvanized sheet, aluminum 0-2mm
2000W	Stainless steel, carbon steel 0-4mm Galvanized sheet, aluminum 0-3mm

# DETAIL DISPLAY

FLEXIBLE OPERATION  
SIMPLE OPERATION



01

## LASER WELDING GUN

Fast speed, good at thin plate welding, precision welding.



02

## OPERATION PANEL

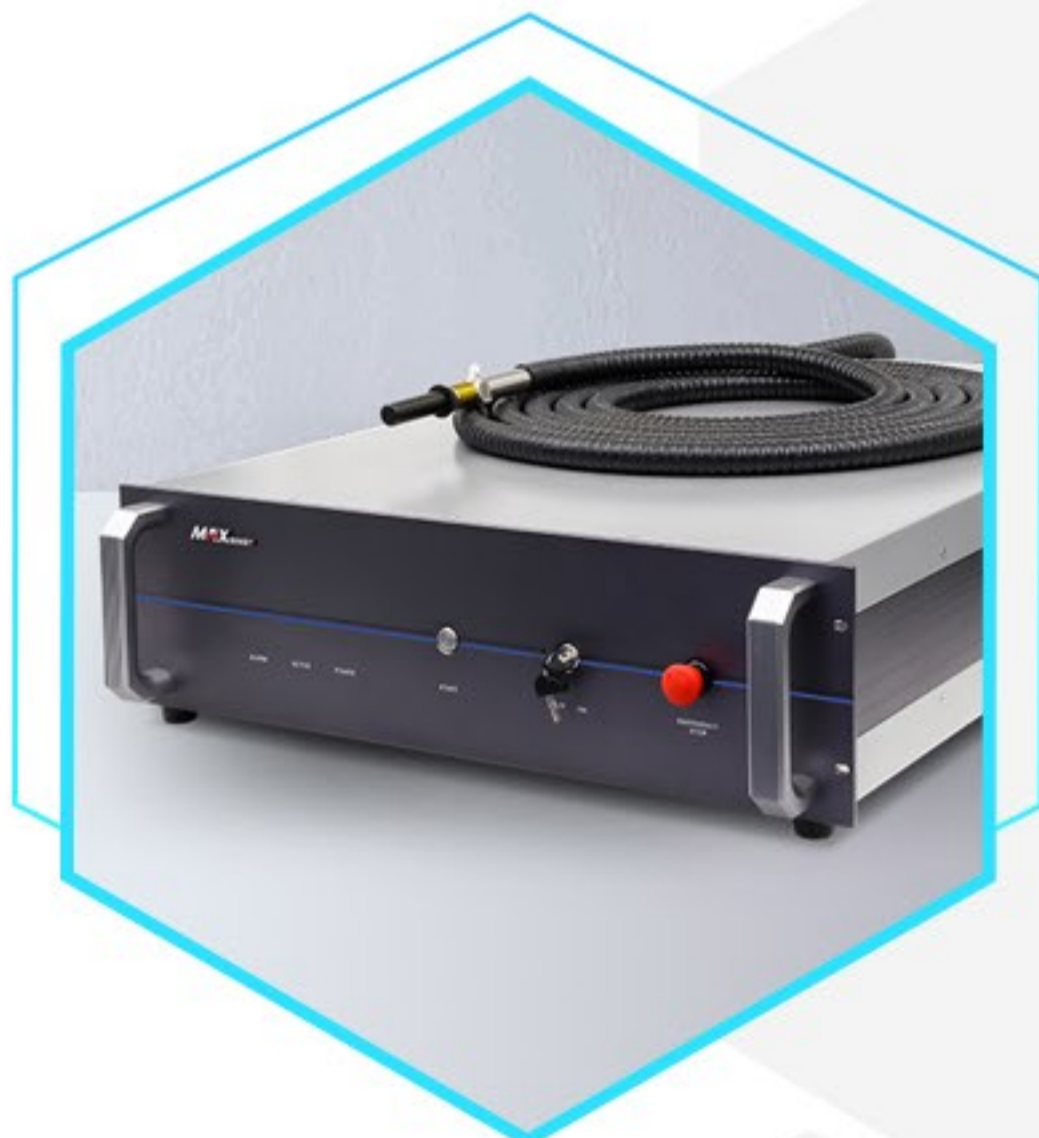
The operation is simple, you can set different Wobble Type and width, you can learn in almost 5 minutes.



03

## LASER SOURCE

Internationally renowned laser source (Max/Raycus/JPT), stable laser power, long life, good welding effect, beautiful welding seam.



04

## WATER CHILLER

When the machine is working,  
cool the laser source with  
water.



05

## WIRE FEEDER

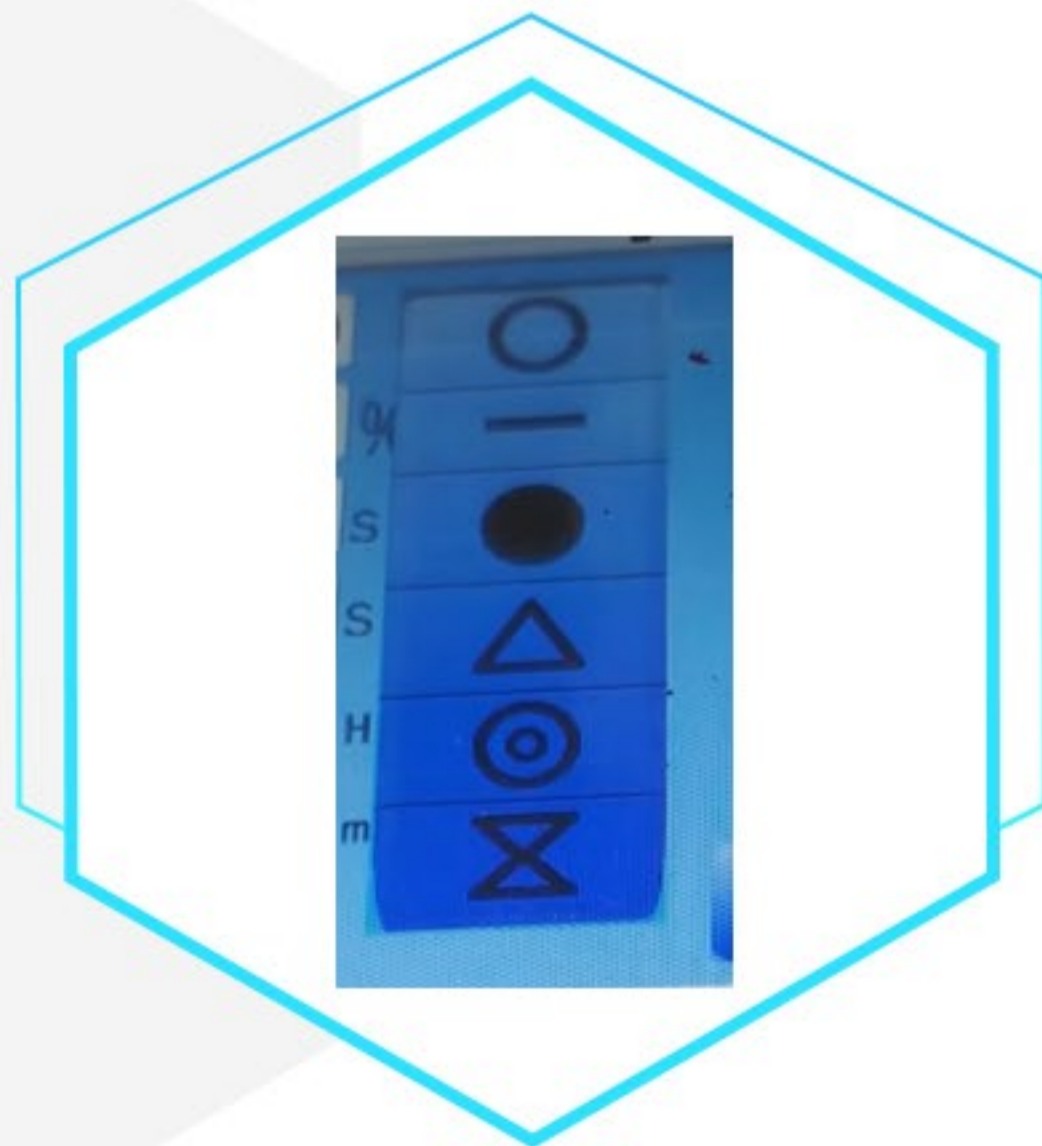
High degree of automation and  
labor cost saving



06

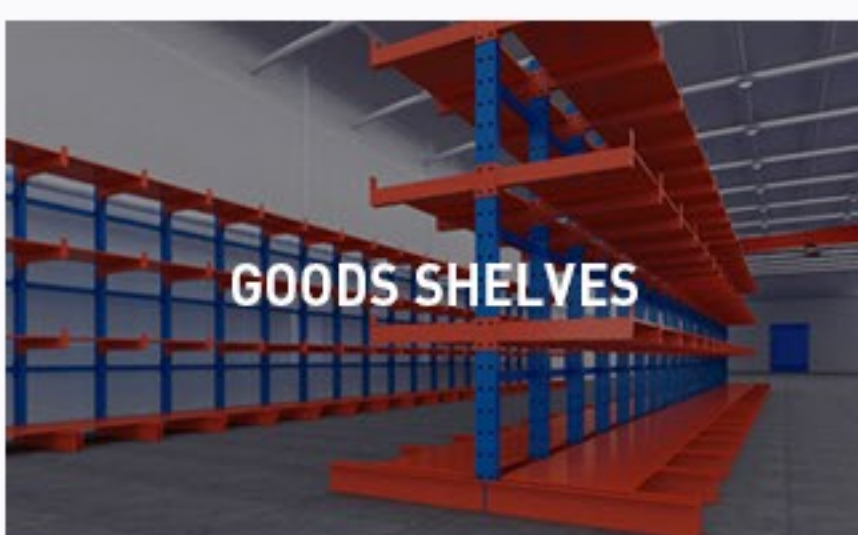
## SUPPORT 6 KINDS WOBBLE TYPES

- ① O shape      ② one shape
- ③ Point shape ④ Triangle shape
- ⑤ double O shape
- ⑥ Triangle-figure eight shape



# APPLICATION AREA

## MULTI INDUSTRY APPLICATION



# WELDING SAMPLE



Carbon Steel 3mm

**Inside Fillet welding**



Carbon Steel 3mm

**Splicing Steel**



Carbon Steel 3mm

**Outside fillet welding**



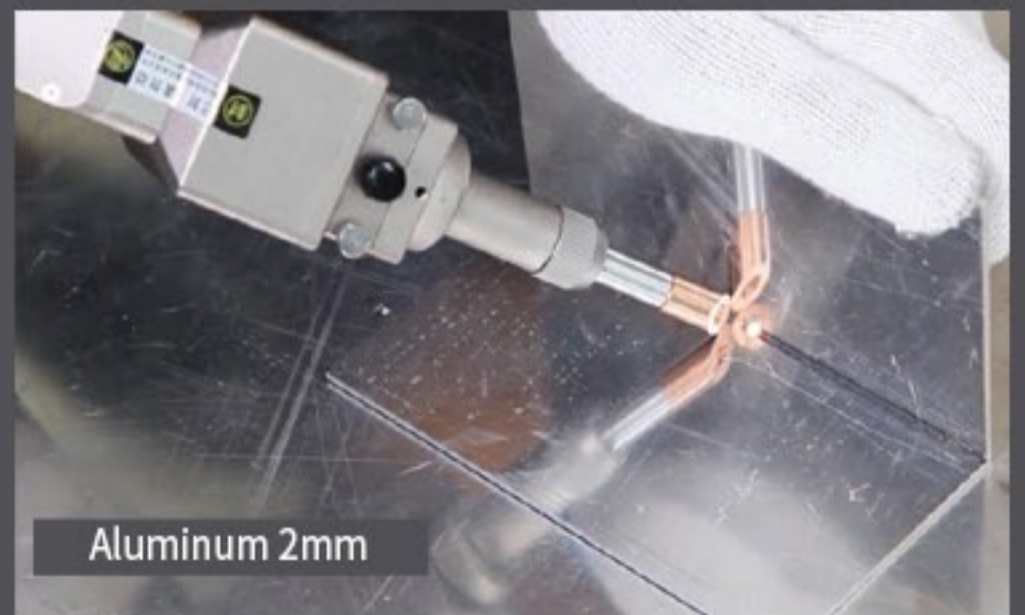
Stainless steel 1.5mm

**Inside Fillet welding**



Aluminum 2mm

**Splicing Steel**



Aluminum 2mm

**Inside Fillet welding**



Aluminum 2mm

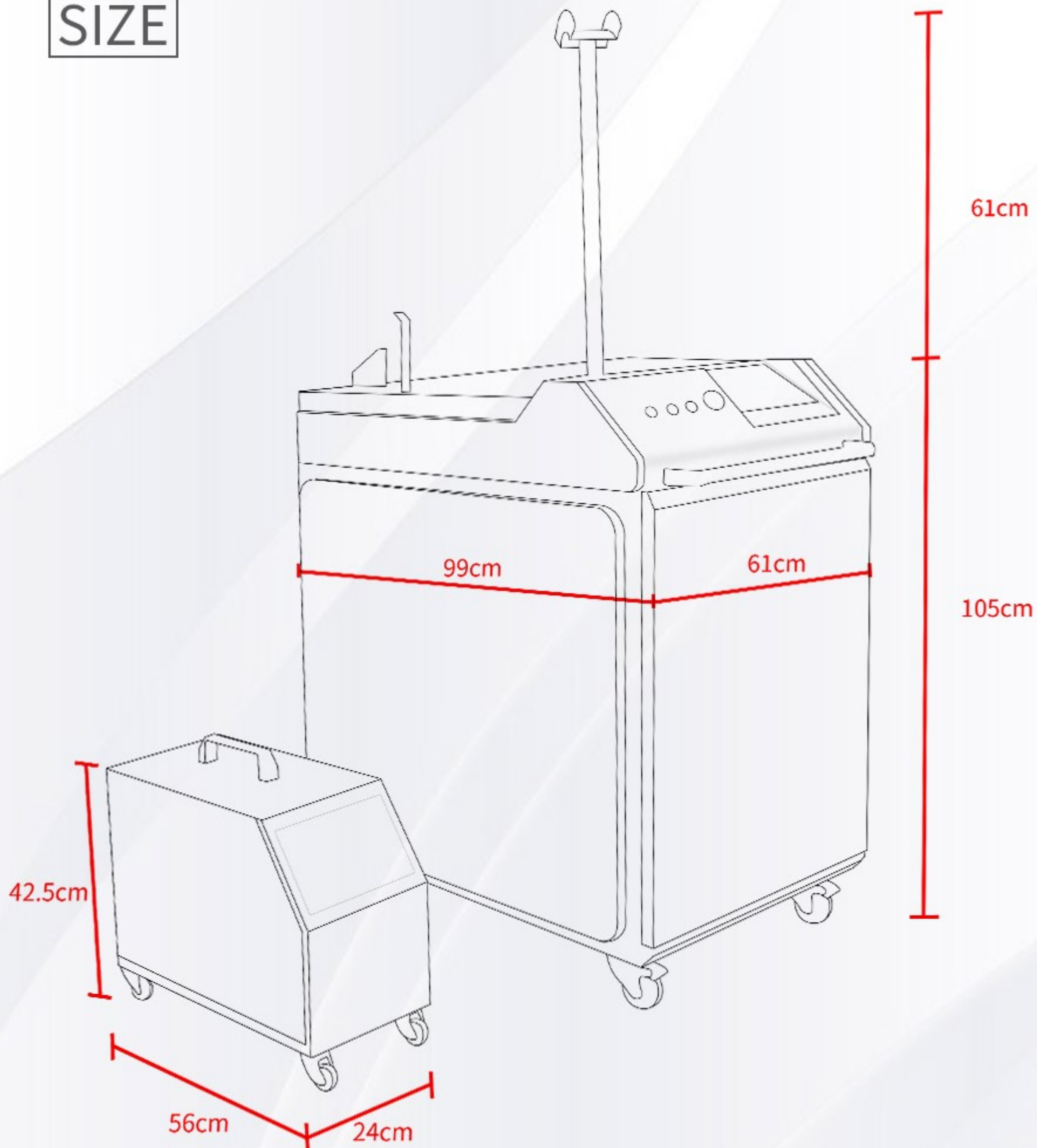
**Outside fillet welding**



carbon steel 3mm

**Circular welding**

# SIZE



# Our certificate

Foster Laser Technology Co., Ltd.



# Company and Factory

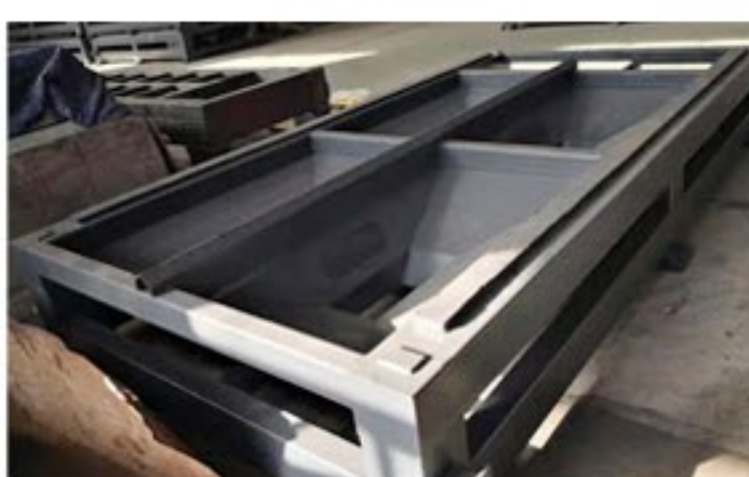
Liaocheng Foster Laser Science&Technology Co.,Ltd is a professional manufacturer of laser engraving machine,laser cutting machine,laser marking machine for 18 years .Since 2004, Foster Laser focused on the development and production of various types of laser engraving/cutting/marking machine with the advanced management,strong research strength and steady globalization strategy, Foster Laser establish more perfect product sales and service system in China and around the world, make the world's brand in laser industry.

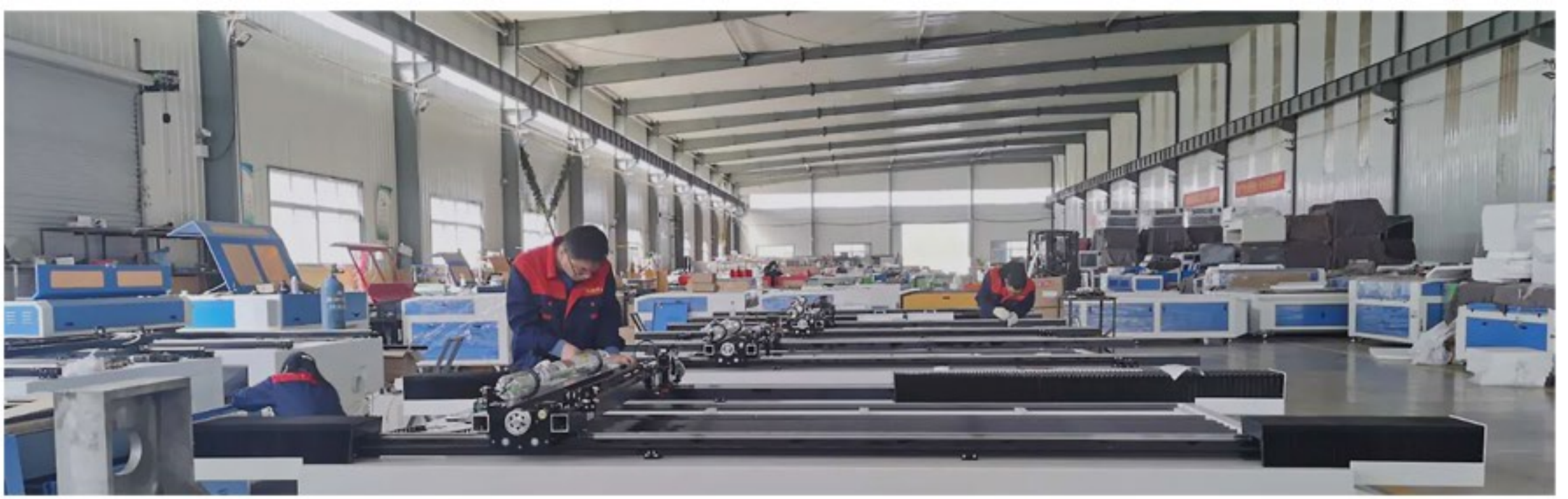
Our target is "scientific management, high quality, high reputation and takes continuous development as our policy, regards customers as our center, double win with our customers", and we adhere to our tenet of "take the market demand as the guide, continue to take innovation and make improvement". We will try our best to provide the high quality products and perfect service for clients.

Furthermore,we pay much attention to after-sales service. Good service and good quality is same important for Foster Laser will follow the spirit "Credibility and Integrity", try best to provide customer more super product and better service.

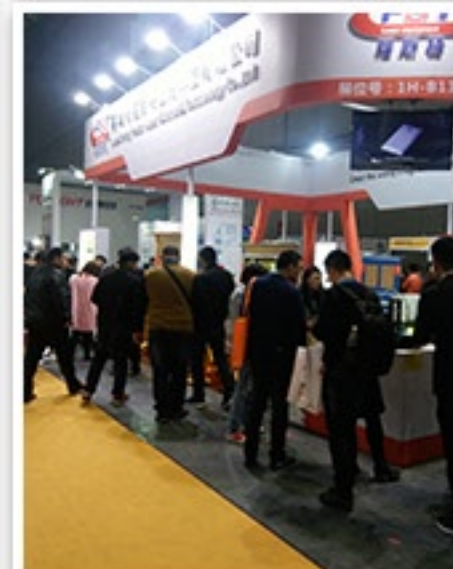
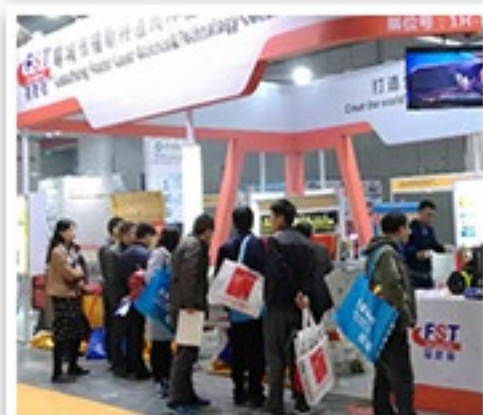
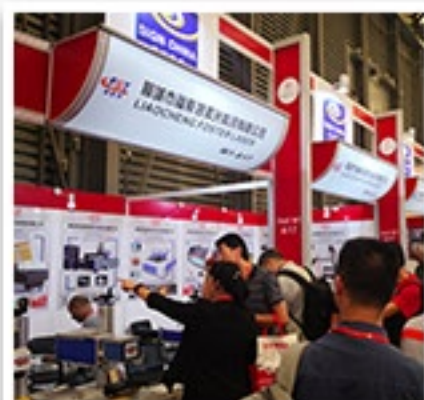
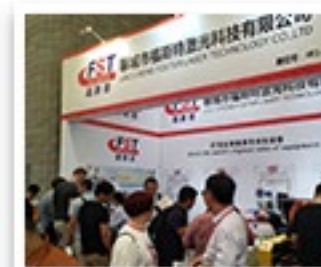
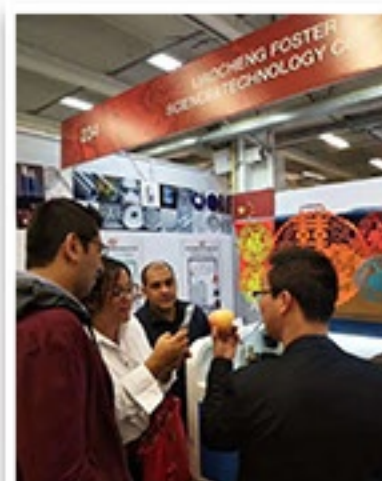
Foster Laser--reliable professional Laser equipment supplier!

Welcome to cooperate with us and achieve win-win!





# Our Exhibition



# F A Q

## **1.How can I choose the most suitable machine ?**

Please tell us what kind of work you would like the machine to do?  
What kind of materials mainly?

## **2.How long can delivery the machine ?**

Common machine can be delivered within 3~7 days. Customade machine need 12~14 days.

## **3.If there is any technical help after we receive the machine?**

Yes, we have perfect after-sale service team to supply technical support to our customers.  
Our technical can assist you to install machine and give you free training after you receive machine.

## **4.If there is some problems for some parts during warranty period, will your company repair or replace for me?**

Yes, we will. Please send the main part back to our company, we will repair and send back them to you for free within warranty time. If the problem part can not be repaired well, we will send new one to you within warranty time for free. PS: Not including the consumable parts and Man-made damage.

## **5.Will the machine will send to my door?**

1)Usually for large size and heavy machine, we will quote CFR price. The best shipping way for the large and heavy goods is by sea or air. We ship the goods by sea for shipping free to your base sea-port in your country ( Need you find broker help you to do customs clearance ).  
2)For small size machine, we can quote price with DHL express cost. Then the machine can send to your door.

## **6.Can I buy spare parts from your company if I have spare parts in the future?**

Yes, please. Our company supply spare parts for all of our machine.

## **7.Give me reasons to chose your company ?**

1)Professional factory with competitive price;  
2)High quality control and perfect service: All of our machine are adopted top quality parts → Test machine work well for 3 days before delivery → sent working video and all items photos base on the order list to buyer to check → buyer check everything is included and satisfied → Professional ply-wood package to avoid damage → shipping machine  
3)Supply technical support all life time for our machine; We have professional after-sale service team to supply technical support to our clients for free. You can talk with them at any time if you need.  
4)Strict implementation of after-sales warranty.  
5)The important is that you will receive the Corresponding goods after you do payment.

## **8.How we pay you?**

Please talk with us firstly. After we confirm the machine and optional part, spare parts for order with each other, we will give you the link to orde.

# Our services

## 1. Purchase Service

Foster LASER have a specialized and efficiency working team. If you are new on the laser machine, we will give you specialized suggestion of whole work .

## 2. Shipping Service

Foster LASER have a specialized and independent department which just for arranging shipping for buyer's goods . The workers are knowing T/T, L/C Items well. all Exported documents could be made perfectly .

## 3. Installation Service

Installation Services are available with all Foster LASER Company machines. We will dispatch technician to The Buyer's factory to installation and preparation of machines.

## 4. Clients Training Service

Foster Laser advises the buyer could send own technician come to our factory to learn how to operate machines. Foster LASER Company technician will teach and train the learners hand by hand till he can operate machine by himself.

## 5. After Sales Service

Foster LASER machines guarantee time is two year, except consumables parts;