Contact us

联系我们

+86 0635 7775555 (China)
+86 0635 7772888 (Global World)

info@fstlaser.com

https://www.fosterlaser.com
https://fosterlaser.en.alibaba.com

NO.9 Anju Road,Jiaming Industrial Park, DongchangfuDistrict, Liaocheng,City, Shandong, China

LIAOCHENG FOSTER LASER SCIENCE & TECHNOLOGY CO., LTD

FOSTER LASER

TO CREATE THE WORLD'S HIGHEST COST-EFFECTIVE EQUIPME

打造全球高性价比

PRODUCT CATALOG

LASER EQUIPMENT

FST Laser equipment 福斯特

COMPANY PROFILE

公司简介

MADE IN CHINA

Liaocheng Foster Laser Science&Technology Co.,Ltd is a professional manufacturer of laser engraving machine,laser cutting machine,fiber laser marking machine for 17 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.

Gather global wisdom
to help made in China

FOSTER LASER

03
FIBER LASER CUTTING MACHINE
1530/1540/1513

05
FIBER LASER MARKING MACHINE

07
RF MARKING MACHINE

09
UV LASER MARKING MACHINE

10
MOPA LASER MARKING MACHINE

11
1325 CO2 LASER CUTTING MACHINE

13
MIXED CO2 LASER CUTTING MACHINE

15
1610/1612 CO2 LASER CUTTING MACHINE

17
1390/1490 CO2 LASER CUTTING MACHINE

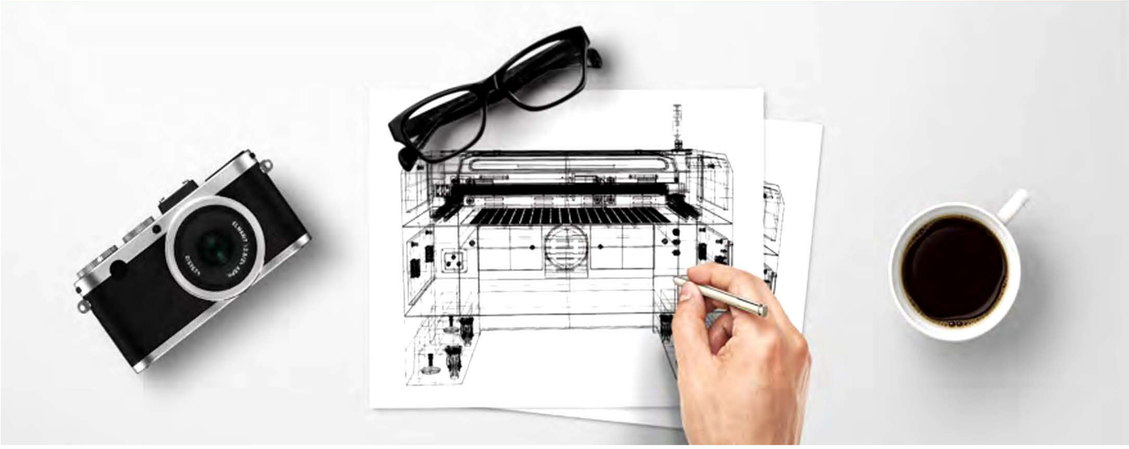
19
9060/1080 CO2 LASER CUTTING MACHINE

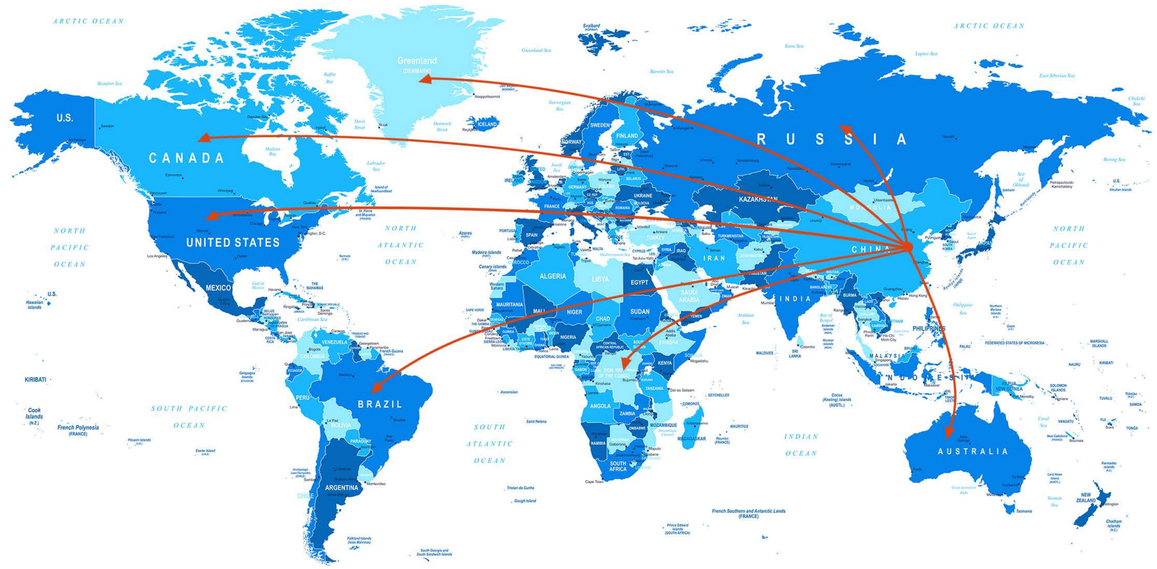
21
4060/1060 CO2 LASER ENGRAVING MACHINE

23
3020/4030 CO2 LASER ENGRAVING MACHINE

COMPANY STRENGTH

CERTIFICATE





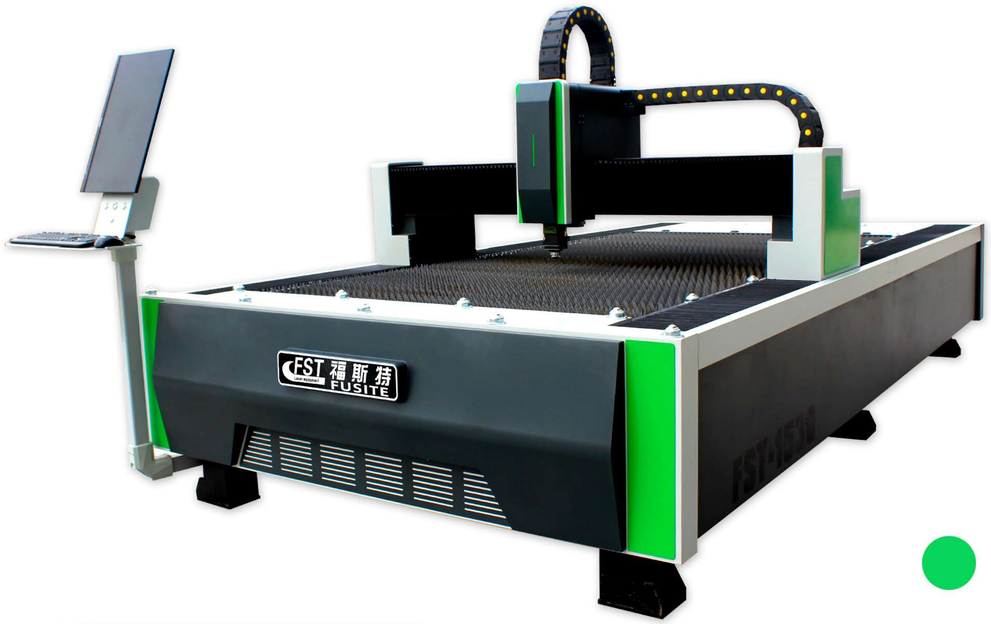
OUR PRODUCTS ARE SOLD WELL IN MANY COUNTRIES AND WON HIGH PRAISE

Agent / Distributor / OEM/ODM SERVICES

1, Foster laser is a professional manufacturer of industrial laser machine.
2, We hope you will become our partner and agent.
3, We can customize logo for you, such as screen printing.
4, We can customize unique models for agents.
5. Welcome global industrial laser equipment distributors to become our partners and make friends.

FIBER LASER CUTTING MACHINE

光纤激光切割机



PARAMETER

Model	1530 Fiber laser cutting machine（1513/1540）
Working Area	1500×3000（mm）
Laser Power	1000W/1500W/2000W/3000W/6000W/8000W etc.
Cooling method	water cooling protection
Positioning accuracy	±0.01mm
Maximum acceleration	1G
Compatible software	CorelDraw/AutoCAD/Photoshop/AI ...
Machine size	4500*1580*2170 (mm)
Total power	17KW
Transmission System	Dual Rack & Pinion Type
Ambient temperature	0-45 ° C
Maximum empty line speed	110m/min

OTHER STYLES

APPLICATION

Applications: Advertising decoration, air-conditioning manufacturing, food machinery, textile machinery, sheet metal, electronics, environmental protection machinery and other industries.
Applicable materials: Black metals, iron and its alloys, carbon steel, stainless steel, aluminum plates, brass copper and other thin metal materials, most of the metal plate can be cut.
Typical cases: Car door redundant corner/Burr processing, Seiko and metal word cutting, crafts.

Video about this machine : https://youtu.be/vcNMfs3LJm0

Video about this machine : https://youtu.be/jKW_cZn7rE4

FIBER LASER MARKING MACHINE

光纤激光打标机

CABINET

SPLIT

PORTABLE

MINI

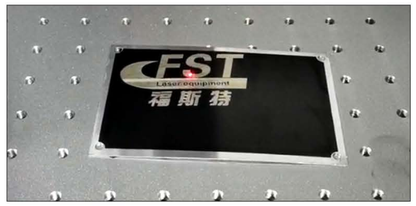
PARAMETER

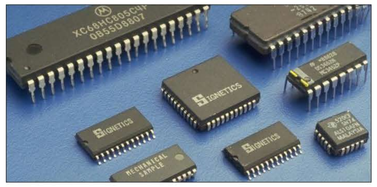
Model	Fiber Marking Machine
Marking area:	110x110 - 300x300 mm (Optional)
Laser Power	10W/20W/30W/50W/100W
Laser wavelength	1060 nm
Beam quality	m^2 <1.5
Minimum line width	0.01mm
Repeatability	± 0.001mm
Carving line speed	≤ 12000mm / s
Supply voltage	220V / 110V (±10%)
Cooling	air-cooled
Repetition rate	≤100KHz

HANDLE

APPLICATION

Applications: gold and silver jewelry, sanitary ware, food packaging, tobacco drinks, pharmaceutical packaging, medical equipment, glasses watches, auto parts, electronic hardware.
Applicable materials: gold and silver, stainless steel, ceramics, plastics, glass, stone, leather, cloth and so on.
Typical cases: auto parts marking, tobacco marking, beer bottle marking, ring marking, marking and other electronic products.





RADIO FREQUENCY MARKING MACHINE

射频打标机

CABINET

SPLIT

PARAMETER

Model	RF Laser Marking Machine
Working Area	110x110 - 300x300 mm (Optional)
Laser Power	20W/30W/50W/100W
Laser	Dawei laser (life of 100,000 hours or more) etc.
Marking depth	0.01-3mm depending on the material
Marking speed	≤ 7000mm / s
Laser wavelength	1064 nm
Minimum line width	0.1mm
Repeatability	± 0.01
Power supply voltage	220V / 110V (±10%)
Cooling	air-cooled（glass tube is water cooling）

GLASS TUBE

FLYING MARKING

APPLICATION

Applications: gifts, food packaging, feed packaging, towels, pharmaceutical packaging, clothing accessories, leather, textiles, rubber products, such as shell nameplate.

Applicable materials: paper, leather, towels, fabrics, plexiglass, epoxy resin, acrylic, wool products, ceramics, crystal, jade, bamboo products.

Typical cases: towel gift processing, leather carving, luggage marking, marking electronic devices, pharmaceutical packaging, marking and so on.

UV LASER MARKING MACHINE

紫外激光打标机

CABINET

APPLICATION

Applications: Marking on the surface of packaging bottles of cosmetics, medicines, food and other polymer materials.
Applicable materials: Glass ware, metal, plastic, silica gel, flexible PCB, etc.
Typical cases: Photovoltaic solar glass marking, plastic keys, gift marking, communication equipment, silicon wafer micropores.

PARAMETER

Model	UV laser marking machine
Working Area	110x110/150x150/200x200/300x300（mm）
Laser Power	3W/5W/8W/10W
Laser Wavelength	355nm
Application	Metal and nonmetal
Marking Speed	7000mm/s
Cooling Mode	Air Cooling / (water-cooling)
Graphic forma	AI, BMP, DST, DWG, DXF, DXP, LAS, PLT...
Controlling software	EZCAD
Optional parts	Rotary Device, Lift platform...
Warranty	2 year
Package	Plywood

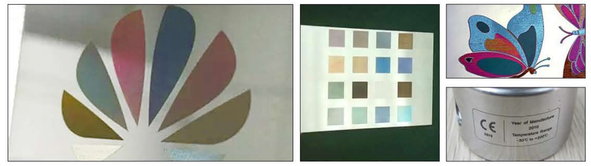
MOPA LASER MARKING MACHINE

打黑/打彩激光打标机

SPLIT

APPLICATION

Applications: gold and silver jewelry, sanitary ware, food packaging, tobacco drinks, pharmaceutical packaging, medical equipment, glass es watches, auto parts, electronic hardware.
Applicable materials: gold and silver, stainless steel, ceramics, plastics, glass, stone, leather, cloth and so on.
Typical cases: auto parts marking, tobacco marking, beer bottle marking, ring marking, marking and other electronic products.



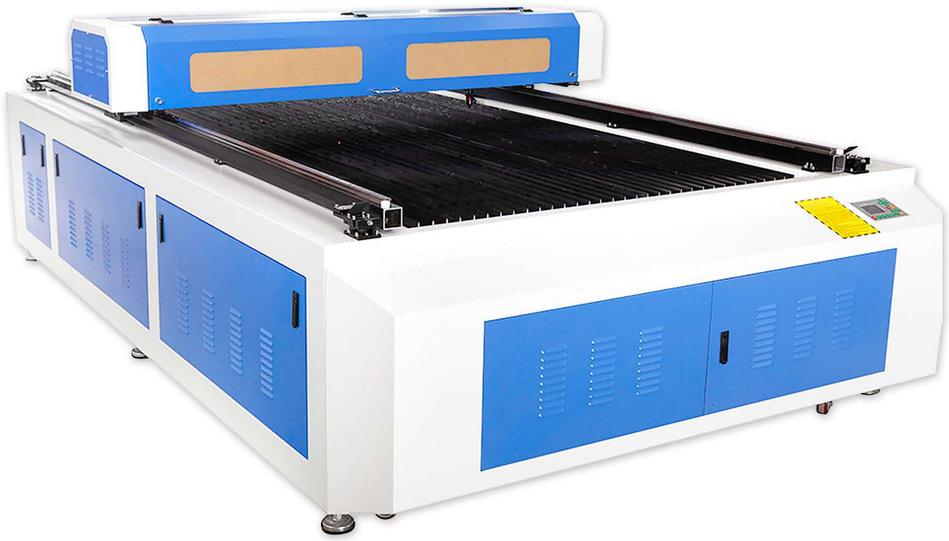
PARAMETER

Model	MOPA laser marking machine
Working Area	110x110/150x150/200x200/300x300（mm）
Laser Power	20W/30W/60W/100W etc.
Pulse width	can adjust
Controlling software	EZCAD
Graphic formats	AI, BMP, DST, DWG, DXF, DXP, LAS, PLT...
Marking Speed	7000mm/s
Cooling Mode	Air cooling--Built-in
Warranty	2 year
Supply voltage	220V / 110V (±10%)
Package	Plywood

CO2 LASER CUTTING MACHINE

激光裁床切割机

FST-1325



PARAMETER

Model	FST1325
Working Area	1300×2500（mm）
Laser Power	80W/100W/130W/150W/180W/300W
Laser Type	Sealed CO2 laser tube
Working Platform	Honeycomb or aluminum knife (Optional)
Working Speed	≤600mm/s
Positioning accuracy	± 0.05mm
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...
Working Voltage	220V / 110V（±10%）
Cooling	constant temperature water cooling and protection system
Machine size	3200 × 2100 × 1100 (mm)
Drive motor	stepper motor

APPLICATION

Application industry: advertising, model, craft gifts, furniture and other industries.
Applicable materials: acrylic, MDF, plexiglass, bamboo plates, sponges, tiles and so on.
Typical case: crystal word cutting, furniture, MDF frame cutting, paper cutting model cutting.

AUTOMATIC FOCUSING MIXING CUTTING MACHINE

自动聚焦金属/非金属激光混切机

PARAMETER

Model	Mixedla laser cutting machine
Working Area	1300×2500（mm）
Laser Power	150W/180W/260W/300W/400W
Laser Type	Sealed CO2 laser tube
Working Platform	Honeycomb or aluminum knife (Optional)
Working Speed	≤2400mm/min
Positioning accuracy	± 0.05mm
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...
Working Voltage	220V / 110V（±10%）
Cooling	constant temperature water cooling and protection system
Machine size	3210 × 2010 × 1160 (mm)
Drive motor	stepper motor

OTHER STYLES

APPLICATION

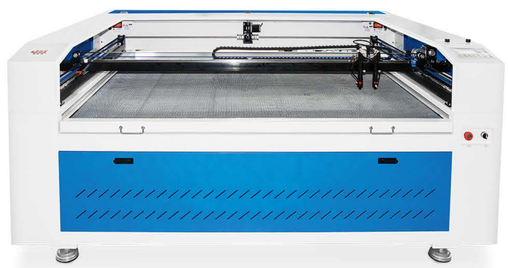
Applicable industries: mainly used in the advertising industry (stainless steel and acrylic), sheet metal industry (carbon steel), packaging and other cutting industries.
Applicable materials: Acrylic, stainless steel, carbon steel, MDF, templates, wood and so on.
Typical cases: metal frames, furniture, sheet metal cutting, MDF frame cutting, building model cutting, advertising, such as metal characters.

CO2 LASER CUTTING MACHINE

激光切割机

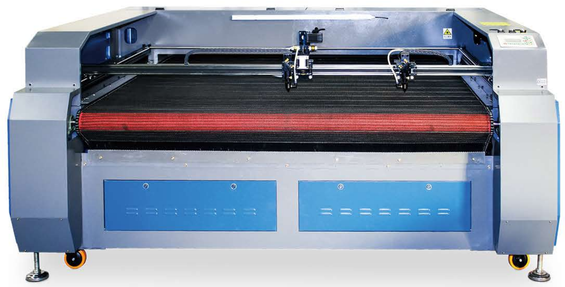
FST-1610

FST-1612



OTHER STYLES

AUTOMATIC FEEDING



PARAMETER

Model	FST1610	FST1612
Working Area	1600×1000（mm）	1600×1200（mm）
Laser Power	60W/80W/100W/130W/150W	100W/130W/150W...
Laser Type	Sealed CO2 laser tube	
Working Platform	Honeycomb or aluminum knife (Optional)	
Working Speed	≤4200mm/min	
Positioning accuracy	± 0.05mm	
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...	
Working Voltage	220V / 110V（±10%）	
Cooling	constant temperature water cooling and protection system	
Control software	DSP control system	
Whole Machine Size	2140 × 1560 × 1020 (mm)	2240x1760x1020（mm）

APPLICATION

Application industry: Advertising, Models, Toys, Home Furnishing, Clothing, Bedding and Other Industries.
Applicable materials: cloth, paper, leather, KT board.
Typical case: Plush Toy Cutting, Sofa Seat Cover Cutting, Underwear Cutting, Wedding Dress Cutting, Parachute Cutting.

CO2 LASER CUTTING MACHINE

激光雕刻机

FST-1390

FST-1490

OTHER STYLES

PARAMETER

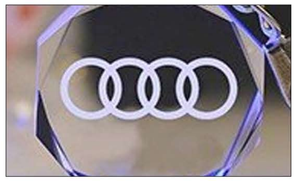
Model	FST1390	FST1490
Working Area	1300×900（mm）	1400×900（mm）
Laser Power	60W/80W/100W/130W/150W	60W/80W/100W/130W/150W
Laser Type	Sealed CO2 laser tube	
Working Platform	Honeycomb or aluminum knife (Optional)	
Working Speed	0-60000mm/min	
Positioning accuracy	± 0.05mm	
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...	
Working Voltage	220V / 110V（±10%）	
Cooling	constant temperature water cooling and protection system	
Control software	DSP control system	
Whole Machine Size	1840 × 1460 × 1040 (mm)	1940x1460x1040（mm）

APPLICATION

Application industry: advertising logo signs, gifts, paper-cut process, bamboo carving process, printing plate, decoration and other decoration.

Applicable materials: Acrylic, MDF, plexiglass, bamboo sheet, sponge, paper, leather, cloth, color plates and so on.

Typical cases: crystal word cutting, furniture, sheet metal cutting, MDF frame cutting, paper cutting model cutting.



CO2 LASER CUTTING MACHINE

激光雕刻机

FST-9060

FST-1080

OTHER STYLES

PARAMETER

Model	FST6090	FST1080
Working Area	900×600（mm）	1000×600（mm）
Laser Power	60W/80W/100W/130W/150W	50W/60W/80W/100W/130W/150W
Laser Type	Sealed CO2 laser tube	
Working Platform	Honeycomb or aluminum knife (Optional)	
Working Speed	0-60000mm/min	
Positioning accuracy	± 0.05mm	
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...	
Working Voltage	220V / 110V（±10%）	
Cooling	constant temperature water cooling and protection system	
Control software	DSP control system	
Whole Machine Size	1500 × 1200 × 1080 (mm)	1400x940x640（mm）

APPLICATION

Application industry: advertising logo signs, gifts, paper-cut process, bamboo carving process, printing plate, decoration and other decoration.
Applicable materials: Acrylic, MDF, plexiglass, bamboo sheet, sponge, paper, leather, cloth, color plates and so on.
Typical cases: crystal word cutting, furniture, sheet metal cutting, MDF frame cutting, paper cutting model cutting.

CO2 LASER ENGRAVING MACHINE

小型激光雕刻机

FST-4060

FST-1060

OTHER STYLES

PARAMETER

Model	FST4060	FST1060
Working Area	400×600（mm）	1000×600（mm）
Laser Power	40W/50W/60W/80W/100W	50W/60W/80W/100W/130W/150W
Laser Type	Sealed CO2 laser tube	
Working Platform	Honeycomb or aluminum knife (Optional)	
Working Speed	0-30000mm/min	
Resolving Accuracy	0.0125mm	
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...	
Working Voltage	220V / 110V（±10%）	
Optional parts	Rotary axis . water chiller 3000 / 5000 / 5200...	
Whole Machine Size	1030×740×580（mm）	1400x940x640（mm）
Weight	About 80KG	About 150KG

APPLICATION

Applicable Materials:acrylic,double-color shtte,rubber,plastic,organic glass,leather,cloth,glass,ceramic, crystal,jade,bamboo products,wood products,MDF,paper,etc.
Applicable Indusries:advertising decoration,craft and gifts,packaging and printing,stone engraving,toys, electron,model,paper products,building decoration,etc.
Typical Cases: Acrylic crystal word, Ceramic Crafts, Rubber Plate Printing, Embroidery, Alien Trademarks, Garment Leather Carving and Hollow out.

CO2 LASER ENGRAVING MACHINE

小型激光雕刻机

FST-3020

FST-4030

OTHER STYLES

PARAMETER

Model	FST3020	FST4030
Working Area	300×200（mm）	400×300（mm）
Laser Power	40W	40W/50W/60W
Laser Type	Sealed CO2 laser tube	
Working Platform	Honeycomb or fixture	
Working Speed	0-30000mm/min	
Resolving Accuracy	0.0125mm	
Graphic Format	BMP、PLT、AI、CDR、DST、DXF...	
Working Voltage	220V / 110V（±10%）	
cooling	water cooling	
Whole Machine Size	900×600×350（mm）	980×680×280（mm）
Weight	About 35KG	About 35KG

APPLICATION

This product is suitable for engraving non-metal material stamps,such as ox horn stamps,wood,red plastic seal,organic glass,crystal,jade,etc.
Small area artware processing.Engraving on double-color sheets,wood board,bamboo chips,organiclglass and cloth.
This machine is able to engrave on electronic component with name,model,sign,images,etc.

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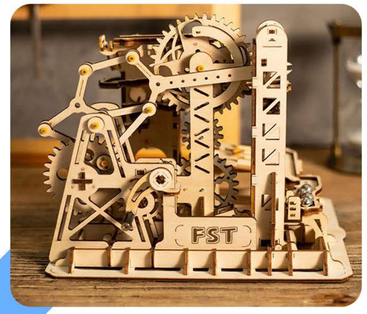

Metal model
Fiber Laser cutting machine

Metal marking
Fiber Laser marking machine
UV Laser marking machine

Wooden Model
Co2 Laser cutting machine

FST Laser equipment 福斯特

Wood marking
RF marking machine
Co2 Laser engraving machine

Plastic
RF marking machine
Fiber Laser marking machine
UV Laser marking machine

CHOOSE THE MACHINE
ACCORDING TO YOUR NEEDS

Glass
UV marking machine
Co2 Laser engraving machine

Advanced laser technology and extensive knowledge about industries helping enterprises upgrade.

Fast speed, high precision, smooth lines, clear lines, finished products fully meet user requirements, consistency and reliability.

Sharing technology + manufacturing + platformcommercial experience, Stable and good quality products.

Foster laser through special research and effective development, production equipment to provide high-end performance, while maintaining a reasonable price.

Reliable creditworthiness , strong public relations ability.

Not the end .....