FST
Laser equipment
福斯特

Certificate Achievements

CERTIFICATE
CERTIFICATE OF CONFORMITY
Certificate of Conformity
CERTIFICATE OF CONFORMITY
Supplier's Declaration of Conformity
QUALITY MANAGEMENT SYSTEM CERTIFICATE
Proof of RCM Compliance
发明专利证书
发明专利证书

Our company has passed ROHS,CE,FCC,RCM,IS0 9001 and other certifications

FST-1390

CO2 Laser Cutting Machine

High precision/High speed

OEM/OMD

- New lifting platform
- Water protection switch
- Brand laser tube
- Multi-document function

* Suitable for all kinds of non-metal material processing

DETAILS DISPLAY

FST 福斯特激光
Laser equipment
FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

WORK AREA

Work area：1300*900mm

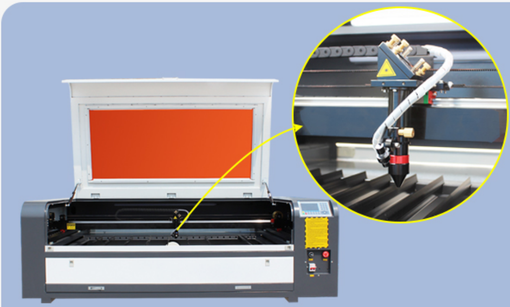
ALUMINUM KNIFE

HONEYCOMB WORKTABLE

To process hard materials like acrylic, wood and so on.

1.Small holes make sure good supporting performance which is suitable for leather. cloth and other thin soft materials.

2.The hole of honeycomb worktable is small , so the small workpiece can be placed on the table surface to be processed.



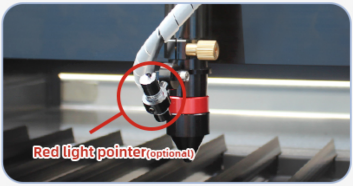
INDUSTRIAL LASER HEAD

High precision retractable laser head,easy to adjust focal length, equippedwith red light positioning system, accurate positioning, reduce material loss.

Auto-blowing to protect laser head and prevent the laser burning

Autofocus (optional)

Autofocus (optional)



Laser is invisible, Red laser beam to determine the cut-off point

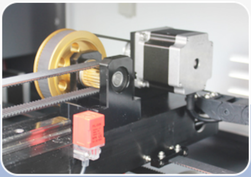
LASER TUBE

laser cutting machine

Closed Co2 laser tube, long life,
stable power. Installation of reinforcement
settings, the laser tube is not easy to collide

and cause damage when moving the machine.

(EFR, RECI, CDWJ,YONGLI, JOY. Optional)



BRAND STEPPER MOTOR

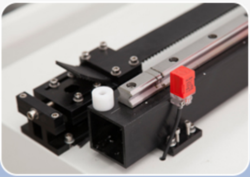
High operating accuracy,high temperature resistance,
can bear the high temperature generated by high-speed operation,and low noise.

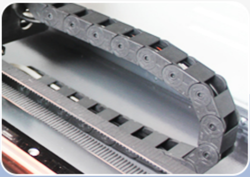
MOTOR-DRIVER

1.self adaptive circuit
2.necessary accessories of offline working

USA II-VI LENS

Imported USA II-VI Lens, suitable for vanous environments, and has high precision and high speed.





FAMOUS BRAND BELT

The ONK brand belt, wear resistance,good stability, compact structure and low noise.

FAMOUS BRAND SWICH

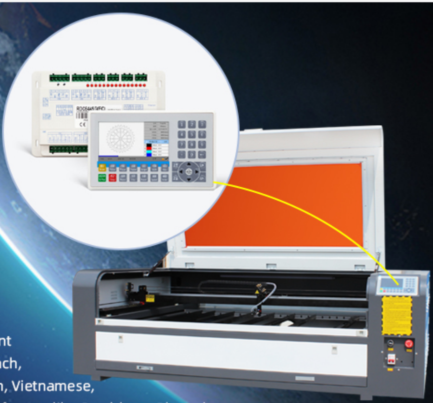
Engineering design, easy to operate

LEADING CHAIN

The current lead and breather pipe are included in it.
Thicker,more stable Keep the laser head from shaking

MAIN BOARD

laser cutting machine



1.Adopt advanced laser engraving and cutting control system: Ruida RDC6445 control system, the control pannal support different language include Chinese, English, French, Pyccko, Portuguese, Turkish, German, Spanish, Vietnamese, Korean, Italian.

2.Standard RDWorksV8 software: It support 15 different languages, include: Chinese, English, Japanese, French, German,Portuguese, Polish,Spanish, Russian, Korean, Vietnamese, Turkrish,Arabic.It can compatible with many other software, like Coreldraw, Photoshop, AutoCAD, TAJIMA,etc.
You can use these software to make designs, then import to Rdworks to cut or engrave.

3. RDworks software support files in different format: AI, DXF,PLT,DST,BMP,DSB, EPS, DAT,NC,RDB,GIF,JPG,JPEG,JPE,JFIF, PNG,MNG,ICO,CUR,TIF,TIFF,TGA,PCX, WBMP, WMF,EMF,JBG,J2C,JPC,PGX,RAS,PNM, PGM,PPM,SKA,RAW,

4.Storage: The main board has EMS Memory which enables the user to store more than 100 files.

5. Laser output control: Can regulate the laser power from 1-100% according to different material.

6. Interface: USB2.0 interface support connect to computer by USB cable, it also support offline work.

Wifi Control(optional)

Mobile App(optional)

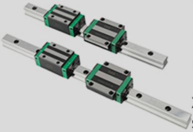
Multi-lanquage

U Disk
USB
Ethernet

USB INTERFACE

laser cutting machine

USB interface & USB cable.
Two kinds of transmission fies



IMPORTED LINEAR GUIDE

laser cutting machine

X Y axis apply imported square rails.
Ensures stable operation, high precision and long life.

REFLECTOR

laser cutting machine

45°mirror adjustment set. Easy to adjust laser path.

SWITCH

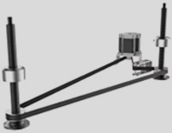
laser cutting machine

key switch, emergency stop, LED light

AMPEREMETER

laser cutting machine

Has high accuracy and can measure weak current changes. (optional)



PLATFORM LIFTING

laser cutting machine

It allows you to process materials of various sizes,can be lifted in Z direction (up-and-down) to get more working space.
(Choice of chain or belt type)

CW-5000
INDUSTRIAL CHILLER
S&A

WATER CHILLER

Best in china, it is for cooling the laser tube after water fill in the pipe when machine is working

EXHAUST FAN

WATER PROTECTION

Coreldraw CAD

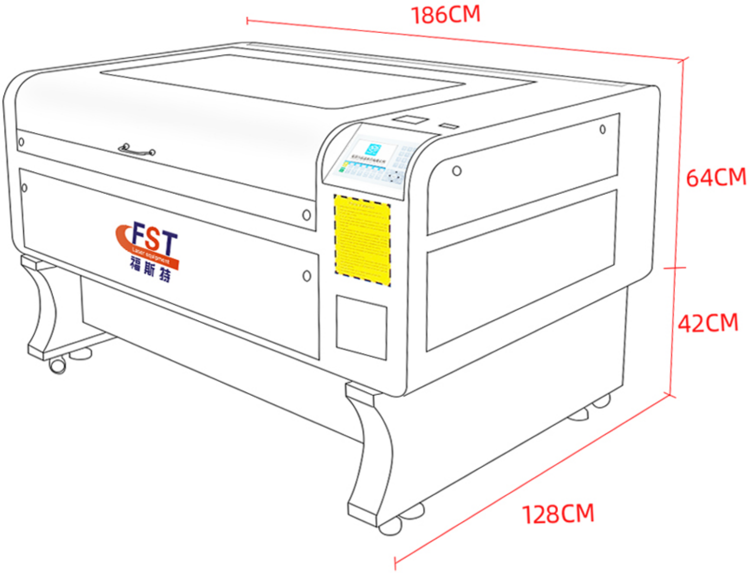
CORELDRAW AND CAD CONTROL DIRECTLY

PARAMETER

FST 福斯特激光
Laser equipment
FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

Model	FST-1390
Worktable	Honeycomb or aluminum knife
Engraving area	1300*900mm
Laser Power	60W / 80W / 100W / 130W/150W /180W/ 300W
Laser Tube	Sealed CO2 glass laser tube
Engraving Depth	5mm
Cutting Speed	0-5000mm / min
Cutting Depth (Acrylic)	0-30mm (acrylic)
Up and down worktable	Up and down 200mm adjustable
Minimum Shaping Character	1*1mm
Resolution Ratio	0.0254mm (1000dpi)
Power Supply	220V (or 110v) + / -10% 50HZ
Resetting Positioning	Accuracy less than or equal to 0.01mm
Water protecting sensor and alarm	Yes
Operating Temperature	0-45℃
Operating Humidity	35-70℃
Graphic Format Supported	PLT / DXF / BMP / JPG / GIF / PGN / TIF
Operation System	Windows XP/ VISTA / Windows 7/8/10
Software	RDworks / LaserCAD / AotuCAD
Control Configuration	DSP
Water Cooling (Yes / No)	Yes
Engraving Speed	0-60000mm / min
Machine Dimension	1860*1280*1040mm



ACESSORIES

FST 福斯特激光
Laser equipment FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

AIR COMPRESSOR

Air Pump

Chimney

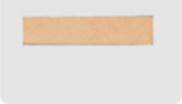
Tool protection

Tool box

Data Line

Power Cord

CD or U disk



Focal length ruler

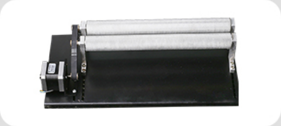
Water chiller(Optional)

Cardan wheel

Exhaust fan

Instruction Manual

OPTIONAL ACCESSORIES



Simple rotary axis

Standard rotary axis

APPLICATION

FST 福斯特激光 Laser equipment FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

Fosterlaser CO2 Laser Engraving Machine with different working area,laser power or working table, which application is engraving and cutting on acrylic, wood, fabric, cloth, leather, rubber plate, PVC, paper and other kinds of non metal materials.

1390 laser cutting machine are widely used in clothing, shoes,luggage, computer embroidery clipping, model, electronic appliances, toys, furniture, advertising decoration, packaging and printing, paper products, handicrafts, Household appliances, laser processing and other industries.

Applicable material for reference

Material	Engrave	Cut	Material	Engrave	Cut
Natural wood	√	√	Paper	√	√
Acrylic	√	√	Mylar	√	√
Glass	√	×	Press board	√	√
Double color plate	√	√	Rubber	√	√
Bamboo	√	√	Plywood	√	√
MDF	√	√	Fiberglass	√	√
Cloth	√	√	Painted metal	√	√
Leather	√	√	Plastic	√	√
Marble	√	×	Ceramic	√	×
Matte boards	√	√	Coated Metal	√	×
Stone	√	×	Other materials	Inquire us, we will test for you	

Cutting thickness of different laser power for reference

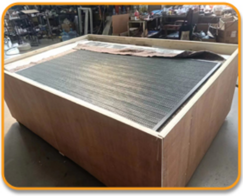
Laser power (W)	Acrylic(mm)	Plywood(mm)	MDF(mm)
40W	3	2	1.5
60W	8	5	3
80W	12	8	6
100W	15	12	9
150W	25	20	15

* The above data is for reference only

PACKAGING DELIVERY

Machine cleaning and
Protective oil processing

Wrapping with
protective film


Forklift moving goods

container loading

Container Sealing

Transportation

COMPANY

Liaocheng Foster Laser Science & Technology Co., Ltd.

COMPANY PROFILE

Liaocheng Foster Laser Science & Technology Co , Ltd is a professional manufacturer of laser engraving machine , laser cutting machine , laser marking machine laser weldingcleaning machine for 20 years .

Since 2004 , Foster Laser focused on thedevelopment and production of various types of laser engraving cutting / marking /welding/cleaning machine with the advanced management , strong research strength and steady globalization strategy , Foster Laser establish more perfect productsales and service system in China and around the world , make the worlds 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 themarket demand as the guide , continue to take innovation and make improvement " . We will try our best to provide thehigh quality products and perfect service for clients.

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

Foster Laser--rellable professional Laser equipment supplier.

Welcome to cooperate with us and achieve win-win !

300+

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

30000 ㎡

Our factory is in Liaocheng, with a 30,000-square-meter standardized workshop.

27+

We currently hold 27 technical patents, with more being added each year.

4

We own four separate trademarks. Foster laser is our worldwide trademark, which is currently being accepted.

世界爱上中国智造
worldwide love for Chinese creation
18号
FST
Laser equipment
福斯特
聊城福斯特激光科技有限公司
LIAOCHENG FOSTER LASER SCIENCE&TECHNOLOGY CO., LTD

EXHIBITION

FST 福斯特激光
Laser equipment FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

聊城市福斯特激光科技有限公司
LIAOCHENG FOSTER LASER SCIENCE & TECHNOLOGY CO., LTD.
18.1M23
中国进出口商品交易会
CHINA IMPORT AND EXPORT FAIR
133
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FST

REVIEWS

FST 福斯特激光 Laser equipment FOSTER LASER

Liaocheng Foster Laser Science & Technology Co., Ltd.

Supplier Service: Very satisfied (5 stars)
On-time Shipment: Very satisfied (5 stars)

9060 laser engraving machine

★★★★★

Great service from Fosterlaser.very quick to commun
omised and very well packaged. Easy to assemble an
uracy is great.I would 100% recommend this compan

Supplier Service: Acceptable (3 stars)
On-time Shipment: Very satisfied (5 stars)

1390 LASER CUTTING MACHINE FOR METAL AND N...

★★★★★

very limited info, hard to get tech support. Didn't know I needed an oxygen cylinder, but machine is awesome.

Supplier Service: Very satisfied (5 stars)
On-time Shipment: Very satisfied (5 stars)

17 May 2020

6090 100 watt co2 laser engraving machine with ruid...

★★★★★

Product shipped super fast even during this covid-19 times when other sellers took ages. Everything came as described, and packed very well. If you want laser machine don't get it from anyone else.

👍 0

Supplier Service: Very satisfied (5 stars) 10 Jul 2020
On-time Shipment: Very satisfied (5 stars)

1390 cnc co2 laser cutting machine with CCD camera...

★★★★★

Good quality built and good support from the seller. Nice machine all around. Just had to find a version of corel draw in english. Laser was well aligned despite shipping and didn't have to do alignment myself. So very satisfied all around. I prefer using some industrial wate... Read more

👍 0

Supplier Service: Very satisfied (5 stars) 22 Jun 2020
On-time Shipment: Very satisfied (5 stars)

laser engraving machine for perfume bottle 50w 4060...

★★★★★

the machine came with no scratches and no any damage , also the supplier was to active and helped me even after purchasing

👍 0

Supplier Service: Very satisfied (5 stars) 12 Jun 2020
On-time Shipment: Very satisfied (5 stars)

50w fiber laser marking machine 50w raycus with rot...

★★★★★

great service and trustworthy! will definitely buy again!!

👍 0

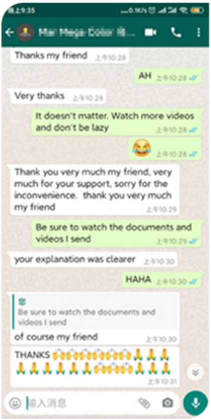
Supplier Service: Very satisfied (5 stars) 25 May 2020
On-time Shipment: Very satisfied (5 stars)

Factory directly 150w 180w 220w RD6442S reci stainl...

★★★★★

wow just wow very great product.very satisfied customer here..the seller is very responsive..thank you so much

👍 0



[redacted]

Thanks my friend 上午10:28

AH 上午10:28

Very thanks 上午10:28

It doesn't matter. Watch more videos and don't be lazy 上午10:28

😂 上午10:28

Thank you very much my friend, very much for your support, sorry for the inconvenience. thank you very much my friend 上午10:29

Be sure to watch the documents and videos I send 上午10:29

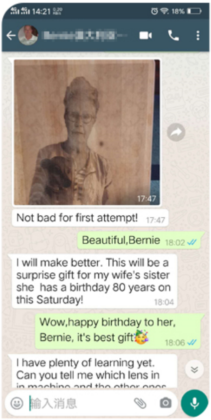
your explanation was clearer 上午10:30

HAHA 上午10:30

> Be sure to watch the documents and videos I send

of course my friend 上午10:30

THANKS 🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏 上午10:31



[redacted]

17:47

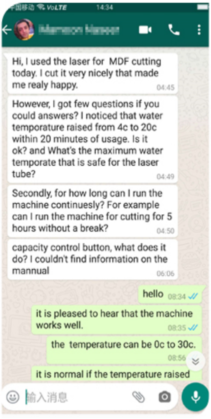
Not bad for first attempt! 17:47

Beautiful,Bernie 18:02

I will make better. This will be a surprise gift for my wife's sister she has a birthday 80 years on this Saturday! 18:04

Wow,happy birthday to her, Bernie, it's best gift🥳 18:06

I have plenty of learning yet. Can you tell me which lens in in machine and the other ones



[redacted]

Hi, I used the laser for MDF cutting today. I cut it very nicely that made me realy happy. 04:45

However, I got few questions if you could answers? I noticed that water temporature raised from 4c to 20c within 20 minutes of usage. Is it ok? and What's the maximum water temporate that is safe for the laser tube? 04:49

Secondly, for how long can I run the machine continuesly? For example can I run the machine for cutting for 5 hours without a break? 04:50

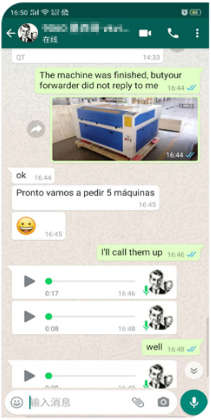
capacity control button, what does it do? I couldn't find information on the mannual 06:06

hello 08:34

it is pleased to hear that the machine works well. 08:35

the temperature can be 0c to 30c. 08:56

it is normal if the temperature raised



[redacted]
在线

QT 14:33

The machine was finished, butyour forwarder did not reply to me 16:44

16:44

ok 16:44

Pronto vamos a pedir 5 máquinas 16:45

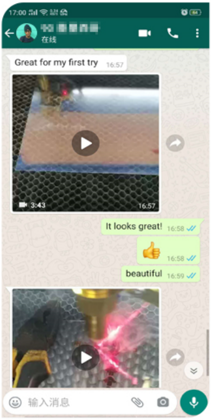
😀 16:45

I'll call them up 16:46

0:17 16:46

0:08 16:48

well 16:48



[redacted]
在线

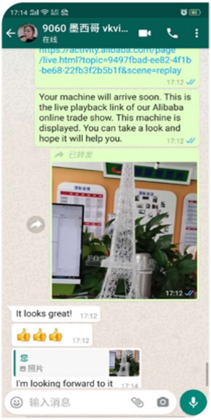
Great for my first try 16:57

3:43 16:57

It looks great! 16:58

👍 16:58

beautiful 16:59



9060 墨西哥 vkvi...
在线

https://activity.alibaba.com/page/live.html?topic=9497fbad-ee82-4f1b-be68-22fb3f2b5b1f&scene=replay 17:12

Your machine will arrive soon. This is the live playback link of our Alibaba online trade show. This machine is displayed. You can take a look and hope it will help you. 17:12

已转发

17:12

It looks great! 17:12

👍👍👍 17:12

> 您
> 照片

I'm looking forward to it 17:14