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# SFX LASER

LASER CLEANER / LASER WELDER/ LASER ENGRAVER

[WWW.SFXLASER.COM](http://WWW.SFXLASER.COM)



**Quality Products Move The World**

# DIRECTORY

## COMPANY PROFILE

**01**

- Factory Facilities
- International Certification and Trademark
- Business Territory
- Global After-sales
- Professional Test

## PRODUCT CATALOG

**02**

- Laser Cleaner
- Laser Welder
- Galvo Laser Engraver
- Laser Engraver and Cutter

**03**

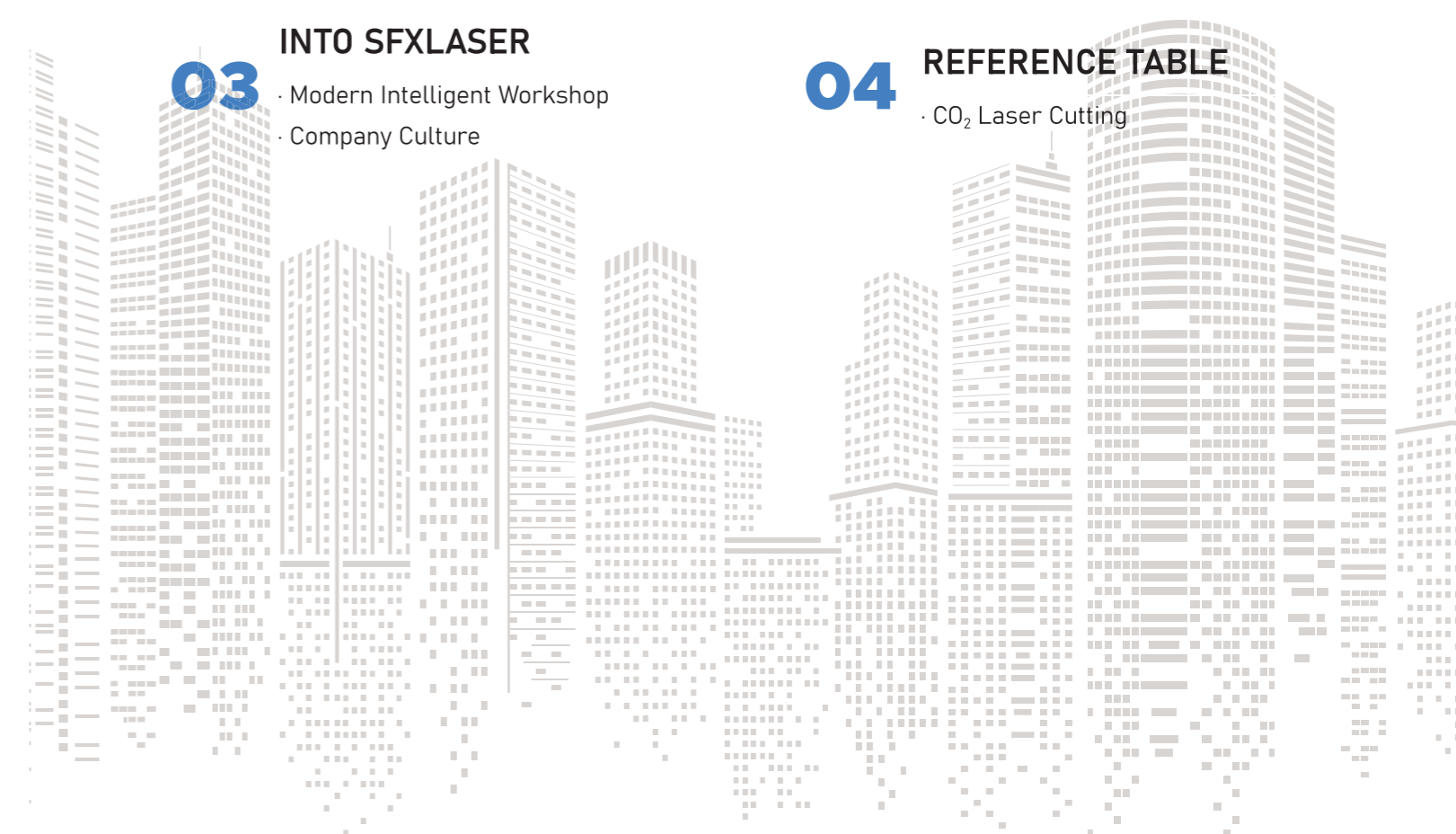
## INTO SFXLASER

- Modern Intelligent Workshop
- Company Culture

**04**

## REFERENCE TABLE

- CO<sub>2</sub> Laser Cutting



# COMPANY PROFILE

- Factory Facilities
- International Certification and Trademark
- Business Territory
- Global After-sales
- Professional Test

# FACTORY FACILITIES

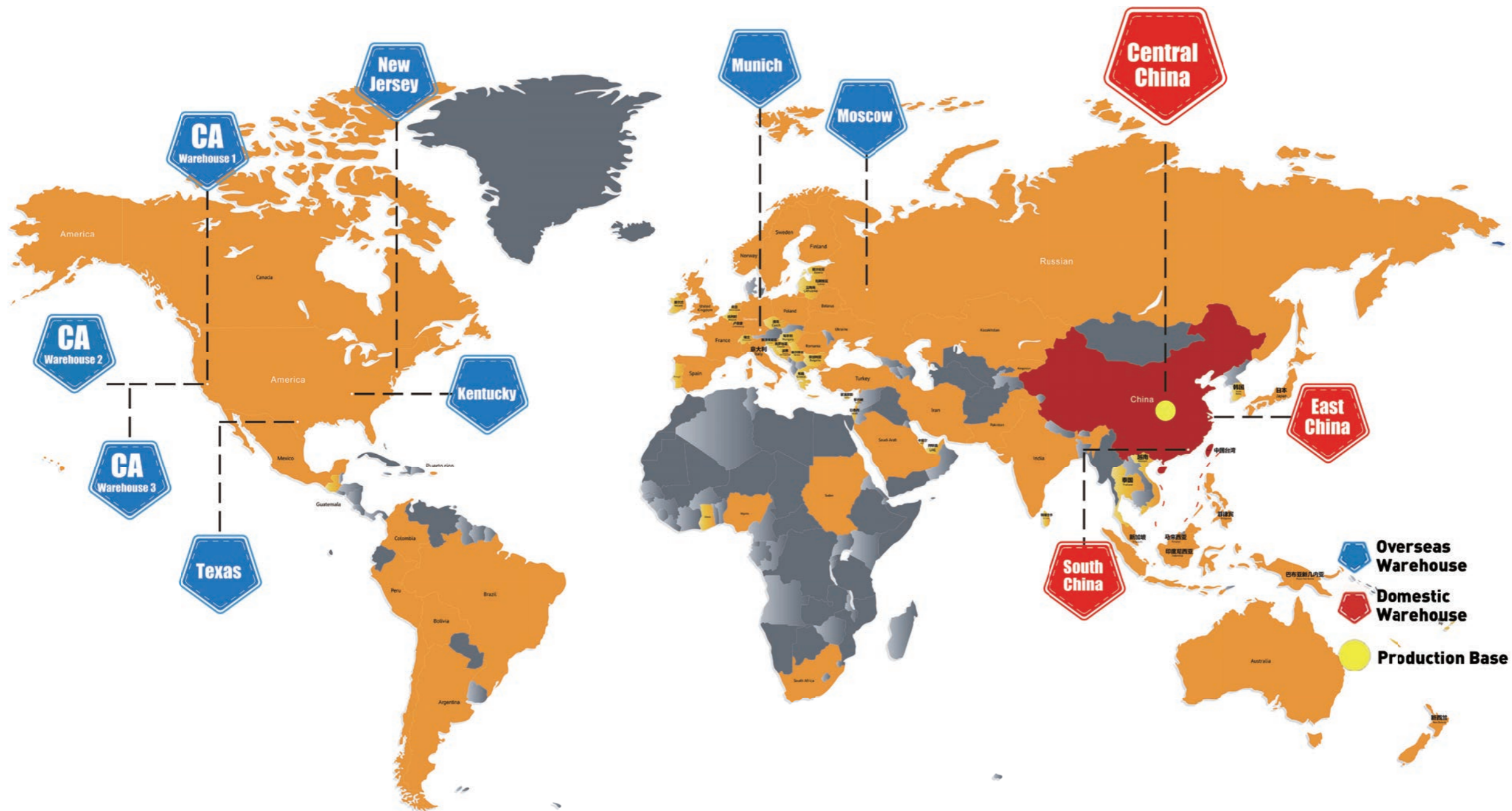


# INTERNATIONAL CERTIFICATION AND TRADEMARK

Products have passed multiple certifications in EU and US



# BUSINESS TERRITORY



2

European  
Warehouses  
Munich  
Moscow

3

Chinese  
Warehouses  
North, Central and  
South China

5

American  
Warehouses  
New Jersey,  
Kentucky, Texas,  
California 1, 2, 3

80+

Countries and  
Regions  
Worldwide  
Sales

200+

Global  
Employees  
Talented  
Educated  
Dedicated

**As** our world has transformed to be internet and online focused, SFX has embraced distribution on platforms such as: Amazon, Ebay, Newegg and Walmart.

We currently export to 80+ countries and regions to include: USA, Canada, Germany, S. Korea, India, UK and Italy.

# GLOBAL AFTER-SALES



After-sales Center in North America  
 📍 New York, USA



After-sales Center in Europe  
 📍 Munich Germany











Greater China After-sales Center  
 📍 Luoyang, China

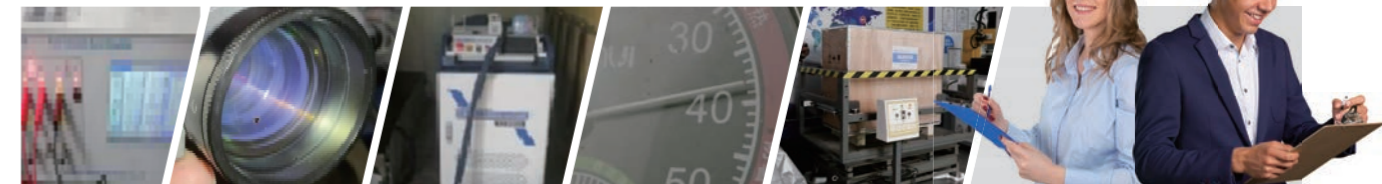


# ISO 9001-2015 COMPLIANCE

Testing according to ISO and best practices back our products.

 CONTAMINATION	 INTERFERENCE	 TEMPERATURE	 VIBRATION
 TIME DURATION	 FATIGUE	 HERMETIC SEAL	 HUMIDITY

\*Above is a partial sample of our extensive testing



# BRAND NAME COMPONENTS


















# PRODUCT CATALOG

## LASER CLEANER

- Mobile
- Handheld
- Suitcase
- Backpack
- Off-road
- Desktop
- Platform Automatic
- Fully Enclosed Platform Automatic

## LASER WELDER

- Mobile
- Platform Automatic
- Fully Enclosed Platform Automatic

## GALVO ENGRAVING LASERS

- CO2 / UV / FIBER

## ENGRAVING / CUTTING LASERS

- CO2 Engraving and Cutting
- Hybrid Engraving and Cutting
- Fiber Laser Cutting



Continuous working without burning the lens. Flexible and easy to carry

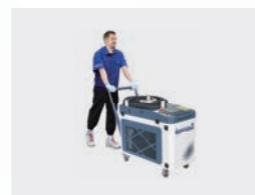
# MOBILE LASER CLEANER CONTINUOUS TYPE



INDUSTRIAL CABINET



LASER GUN



MOBILITY



SMALLER VOLUME

## Features

The ideal replacement for sandblasting, abrasives and grinding.  
Simple and quick complex surfaces with contoured complex surface geometry.  
Eliminate cost of blasting media, and costly abrasives.  
Elimination of labor for component disassembly and re-assembly.  
Lasered surface is paint ready.

- Robust industrial design supporting continuous operation.
- Working width of laser beam adjustable 0.4"-6.3" wide.
- Ergonomic and mobile, easy to move.
- Integrated programmable laser cooling and continuous air flow pump.
- Continuous operation causes no damage to the focal lens.



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## Technical Parameters

Model	BLC-1000	BLC-1500	BLC-2000	BLC-3000
Laser Power	1000W	1500W	2000W	3000W
Laser Wavelength	1080±10nm			
Laser Mode	Continuous/Modulation			
Max. Frequency	20KHz			
Fiber Cable Length	10-15m (customizable)			20m
Scan Width	10-160mm			
Input Voltage	AC 220V±10%, 50/60Hz			AC 380V±7%, 50/60Hz
Input Power	<6kW	<8kW	<10kW	<13kW
Cooling Method	Water cooling (deionized water, distilled water or purified water)			
Water Tank Capacity	16L (Add 14-15L water)			
Machine Dimension	845*460*605mm	905*480*630mm	1240*584*1148mm	
Package Dimension	1120*565*1050mm			1430*720*1220mm
Total Weight	138kg	145kg	169kg	285kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Mold cleaning, rust removal, paint or coating stripping, parts pretreatment before spraying, aerospace component cleaning, oxide removal after welding or pretreatment before welding, oil stain and product residue removal, cultural relic cleaning and restoration, etc.



Wide cleaning range, without damage to the substrate, suitable for fine cleaning

# HANDHELD LASER CLEANER PULSED TYPE



## Features

- Accurate cleaning, without damage to the substrate, higher cleaning efficiency.
- Support 8 cleaning modes, applicable to complex applications.
- Extended IO can cooperate with manipulator to realize automatic cleaning.

## Technical Parameters

Model	LCM-300		LCM-500
Laser Power	300W G	300W P	500W P
Laser Wavelength	1080±10nm		
Laser Mode	Pulsed		
Pulse Width	10-500ns		
Frequency Range	1-3000kHz	1-1000kHz	
Fiber Cable Length	5m	10m	
Adjustable Scanning Range	10-130mm (According to lens, 160/210/300 is optional)		
Cooling Method	Air Cooling	Water Cooling	
Input Voltage	AC 220V±10%, 50/60Hz		
Input Power	<2kW	<3kW	<4kW
Anti-Reflection Protection	Yes		
Operation Temperature	0~35°C		
Operation Humidity	≤ 80%		
Machine Dimension	1010*570*1010mm		
Net Weight	142kg	160kg	170kg

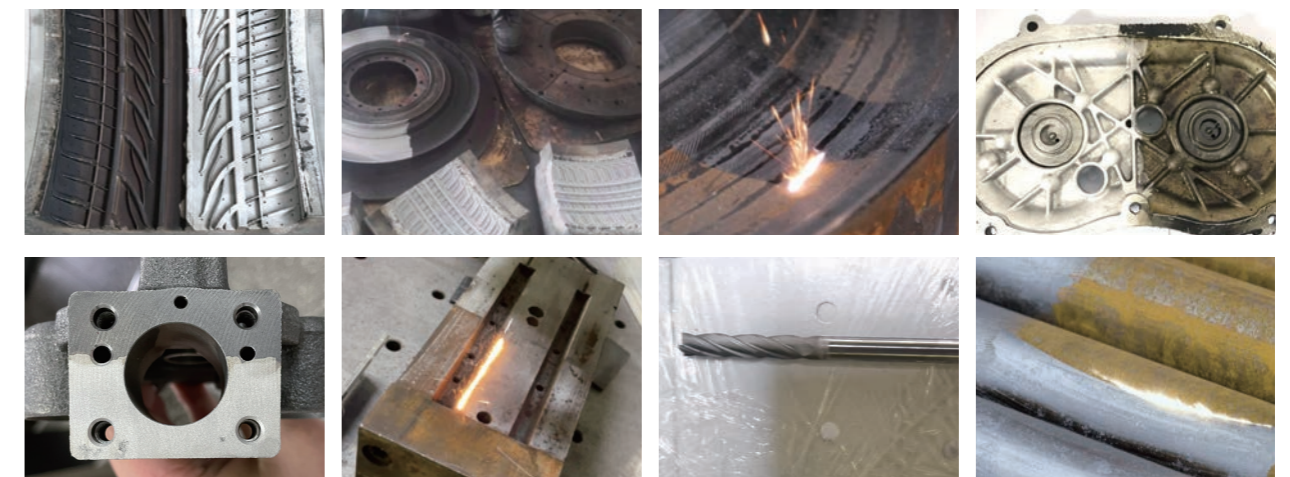
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## Application and Use

The pulsed laser configuration is especially well suited for the use on more fragile surfaces such as thin sheet metal, aircraft aluminum and any metal surface that cannot tolerate high temperature.

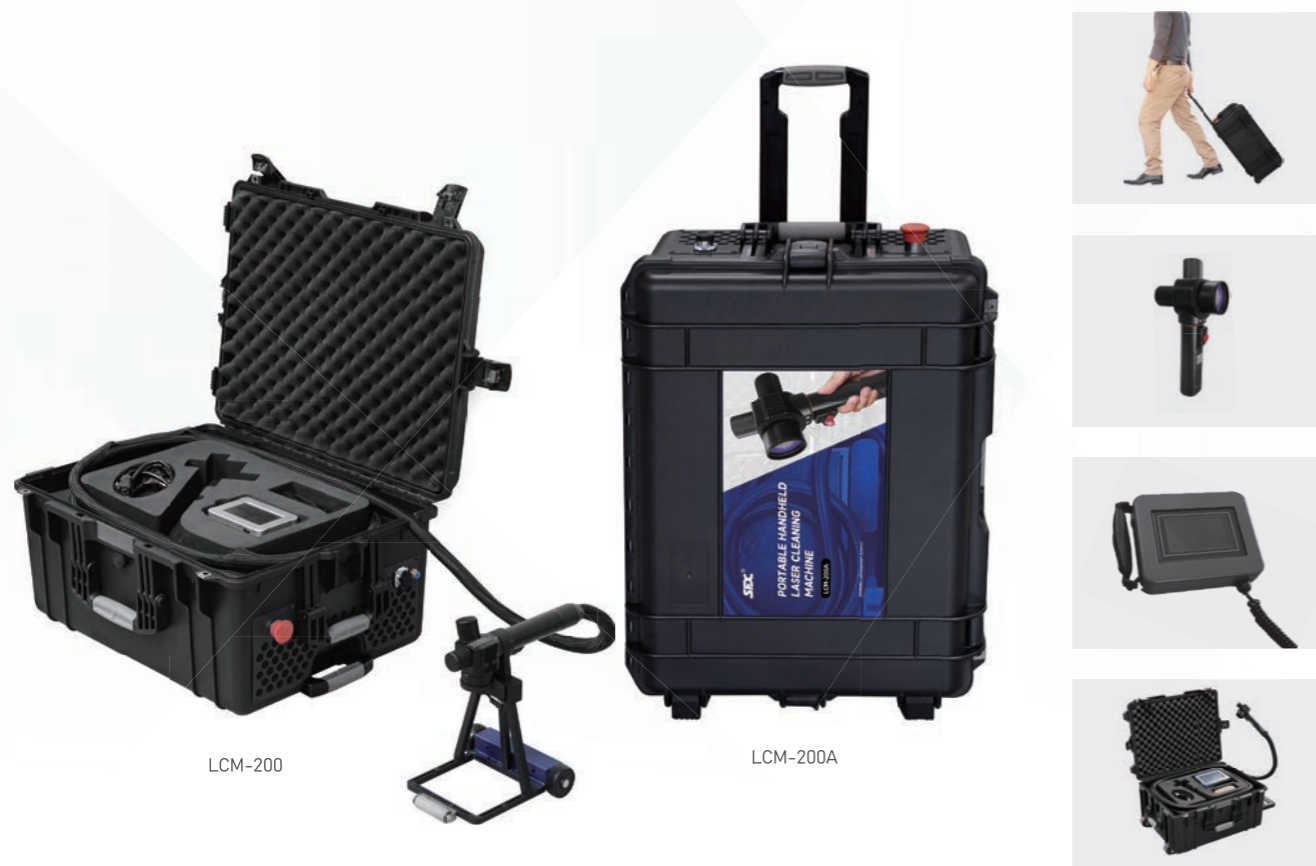
**Compatible Surfaces:** Carbon and Stainless Steel, Aluminum, Assorted Metals and some Nonmetals.

**Debris Removed:** Rust, Paint, Plating, Oil, and more.



Flexible and easy to carry

# SUITCASE LASER CLEANER PULSED TYPE



LCM-200

LCM-200A

## Features >>>

Suit Case design, unlock and extend the handle to roll away.

- A variety of laser patterns and tracks are optional. No dead angle for cleaning.
- Laser beam collimated output, precise control, precise cleaning.
- Wired controller is easy to operate and more stable.
- Optional self-propelled function added to the cleaning head makes it easy for uniform and automatic cleaning.



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## Technical Parameters >>>

Model	LCM-200	LCM-200A
Self-propelled function	yes	no
Laser Mode	Pulsed	
Fiber Cable Length	5m	
Laser Power	200W	
Cooling Method	Air Cooling	
Input Voltage	AC 110V-240V, 50/60Hz	
Input Power	<1000W	
Anti-Reflection Protection	yes	
Ambient Temperature	0~40°C	
Storage Temperature	-10~60°C	
Handheld laser head	0.97kg	0.62kg
Machine Dimension	660*500*330mm	
Weight	41kg	39kg

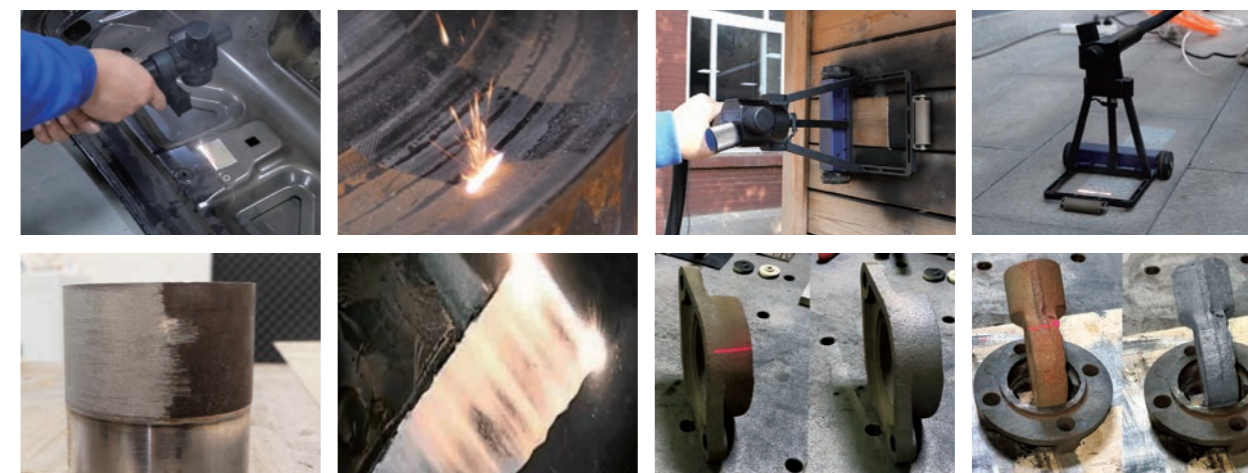
\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Application and Use >>>

The pulsed laser configuration is especially well suited for the use on more fragile surfaces such as thin sheet metal, aircraft aluminum and any metal surface that cannot tolerate high temperature.

**Compatible Surfaces:** Carbon and Stainless Steel, Aluminum, Assorted Metals and some Nonmetals.

**Debris Removed:** Rust, Paint, Plating, Oil, and more.



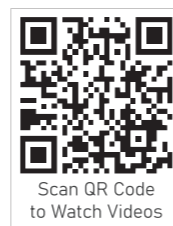
Backpack design, ergonomic and reduces operating labor intensity

# BACKPACK LASER CLEANER PULSED TYPE

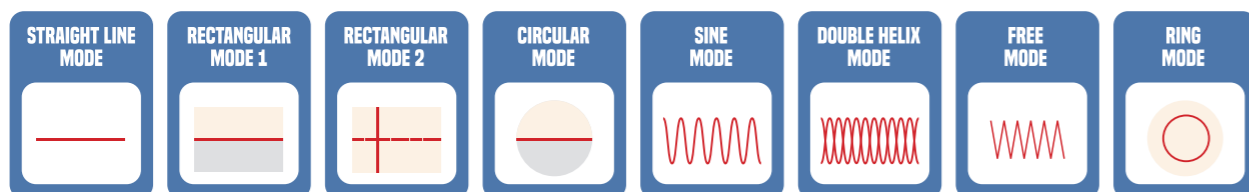


## Features

- The cleaning head is only 750g Light to hold with fast cleaning.
- Lightweight backpack design, easy to carry.
- Non-contact cleaning without mechanical damage.
- No chemical pollution, no consumables, safe and environment friendly.
- Optional battery, convenient for outdoor work.
- Optional self-propelled function added to the cleaning head makes it easy for uniform and automatic cleaning.



## 8 Cleaning Modes



## Technical Parameters

Model	FLC-100	FLC-200
Laser Power	>100w	>200W
Movement mode	Carrying	
Laser Mode	Pulsed	
Fiber Cable Length	1.5m	
Lens Focal Length	160mm / 210mm / 254mm(Standard Configuration)	
Scanning Range	0-80mm(160mm), 0-100mm(210mm), 0-130mm(254mm)	
Cooling Method	Air Cooling	
Power Supply	Direct power supply/battery power supply	
Input Voltage	AC 110V/220V, 50/60Hz	
Input Power	<500W	<1000W
Battery Powered	Lithium battery design(optional). Continuously work at full power for 1 hour	
Anti-reflection protection	Yes	
Ambient Temperature	0°C -40°C	
Storage Temperature	-10°C -60°C	
Machine Dimension	336*129*540mm	320*545*155 mm
Cleaning Head Weight	0.75kg	0.62kg
Total Carrying Weight	16kg	21kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Application and Use

The pulsed laser configuration is especially well suited for the use on more fragile surfaces such as thin sheet metal, aircraft aluminum and any metal surface that cannot tolerate high temperature.

**Compatible Surfaces:** Carbon and Stainless Steel, Aluminum, Assorted Metals and some Nonmetals.

**Debris Removed:** Rust, Paint, Plating, Oil, and more.



Strong passability. Suitable for Outdoor and Field Operations

# OFF-ROAD LASER CLEANER PULSED TYPE



## Features

- Stable frame, effortless pushing and pulling, high-strength structure, ergonomic design.
- Cleaning head, double protection design, reduce galvanometer damage. Only 620g, convenient for long-time handheld operation.
- Large size tubeless tire, strong anti-seismic performance. Easy to cope with complex road conditions.
- Punched heat dissipation holes. Sloped waterproof design, effectively protect the laser source and adapt to complex environments.
- Brake on both sides to lock safely, effortless parking on slopes.



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## Technical Parameters

Model	LC-200	LC-300
Laser Power	200W	300W
Laser Wavelength	1060-1080nm	
Laser Mode	Pulsed	
Pulse Width	10-500ns	20-500ns
Frequency Range	1-3000KHz	
Fiber Cable Length	5m	
Adjustable field	0-130mm	
Input Voltage	AC 220V±10%, 50/60Hz	
Input Power	<1kW	<2kW
Cooling Method	Air Cooling	
Machine Dimension	1170*660*1100mm	
Ambient Temperature	0°C ~35°C	
Operation Humidity	40%-80%	
Net weight	82kg	87kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Application and Use

The pulsed laser configuration is especially well suited for the use on more fragile surfaces such as thin sheet metal, aircraft aluminum and any metal surface that cannot tolerate high temperature.

**Compatible Surfaces:** Carbon and Stainless Steel, Aluminum, Assorted Metals and some Nonmetals.

**Debris Removed:** Rust, Paint, Plating, Oil, and more.



Suitable for fine cleaning of workpieces and bulk cleaning/welding of small parts

# DESKTOP LASER CLEANING AND WELDING MACHINE

PULSED TYPE



## Features

It can be used for both cleaning and welding.

Fine cleaning of specific point/area. Bulk cleaning of small parts.

One-click batch welding. < 1mm stainless steel plate, aluminum plate and other metal materials welding.

- With a rotating axis, 360°cleaning.
- With a conveyor belt, extended assembly line cleaning.
- Lift to adjust the focus . Supports cleaning for objects of different heights.
- Integrated air-cooled structure. No need to add water. Save the trouble of regular water change.

## Technical Parameters

Model	ELC-200	ELC-300
Laser Power	200W	300W
Laser Wavelength	1064 nm	
Laser Mode	Pulsed	
Frequency Range	1-3000KHz	
Adjustable Height	450mm	
Scanning Area	(F420Lens) 300*300mm	
Power Configuration	AC 220V±10%, 50/60Hz 1.5kW	AC 220V±10%, 50/60Hz 2kW
Cooling Method	Air Cooling	
Machine Dimension	785*520*1020mm	785*520*1020mm
Net Weight	66.5kg	69.5kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Application and Use

The pulsed laser configuration is especially well suited for the use on more fragile surfaces such as thin sheet metal, aircraft aluminum and any metal surface that cannot tolerate high temperature.

**Compatible Surfaces:** Carbon and Stainless Steel, Aluminum, Assorted Metals and some Nonmetals.

**Debris Removed:** Rust, Paint, Plating, Oil, and more.



For removing adhesives or coatings from the surface of objects

# PLATFORM AUTOMATIC LASER CLEANING MACHINE



## Features

- Digital matching cleaning. The laser frequency, galvanometer, and axial speed are matched, resulting in a high level of efficiency and no blind spot.
- Consistent energy with automatic focus control. Stable operation, uniform cleaning and high gloss.
- The whole machine adopts modular design. Stable performance and easy maintenance.
- 10 safety protection and early warning systems. Automated application, safe and stable.
- Teaching programming. Easy to operate. Facilitates batch cleaning operations.

## Technical Parameters

Model	DLC-200	DLC-300 G	DLC-300 P	DLC-500
Laser Power	200W	300W		500W
Laser Wavelength	1064±10nm			
Laser Mode	Pulse			
Pulse Width	10-500ns			
Frequency Range	1-4000kHz	1-3000kHz	1-1000kHz	
Cleaning Width	10-150mm (Optional field lens: 254mm, 330mm, 420mm, width up to 300mm)			
Workbench Size	1200*1000mm			
XYZ Stroke	800*300*300mm			
Input Voltage	AC 220V+10%, 50/60Hz			
Input Power	<3kW	<3.5kW	<5kW	
Cooling Method	Air cooling	Water cooling (Medium: Deionized water, distilled water or purified water)		
Water Tank Capacity	16L (14-15L of water to be added)			
Machine Dimension	1200*1000*1700mm			
Package Dimension	1800*1400*1900mm			
Net Weight	460kg			

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Mold cleaning, rust removal, paint or coating stripping, parts pretreatment before spraying, aerospace component cleaning, oxide removal after welding or pretreatment before welding, oil stain and product residue removal, cultural relic cleaning and restoration, etc.



Small and medium-sized workpieces/complex workpieces automatic online cleaning

## FULLY ENCLOSED PLATFORM AUTOMATIC LASER CLEANING MACHINE



### Features >>>

- Remove floating rust, paint, oil and plating layer.
- Accurate positioning, uniform cleaning, high surface finish.
- Full range of CNC systems.
- Small and medium-sized workpieces/complex workpieces automatic online cleaning.
- Fully automatic online cleaning with communication system.
- Matching with robotic arm to realize double-station automatic changeover.
- Five-axis linkage, flexible operation.
- 360°rotary axis standard configuration, adapt to a variety of complex working conditions.

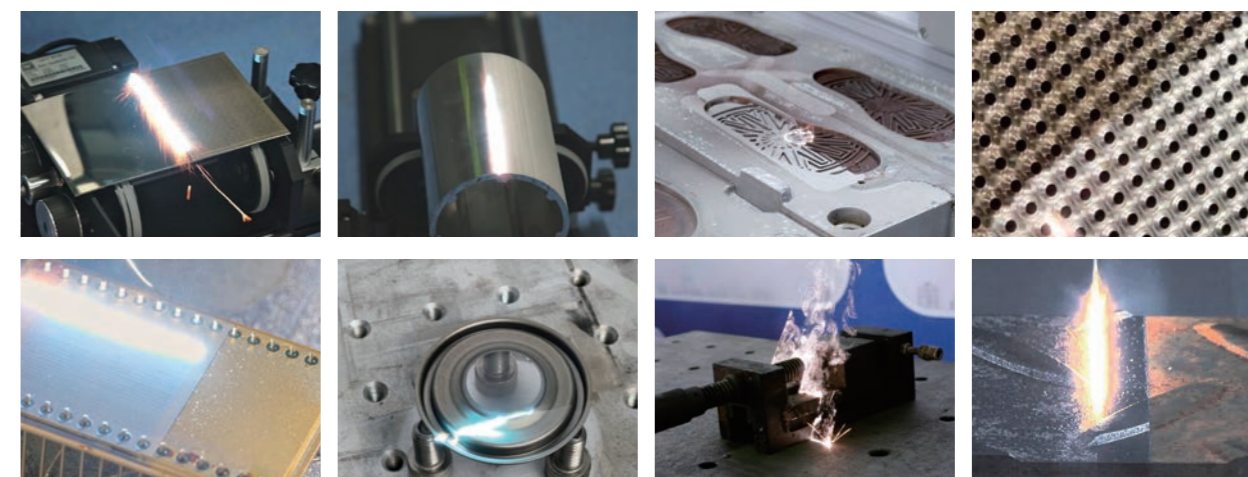
### Technical Parameters >>>

Model	DLC-200A	DLC-300A	DLC-500A
Laser Power	200W	300W	500W
Laser Wavelength	1064±10nm		
Operation Mode	Pulse		
Pulse Width	10-500ns		
Modulation Frequency	1-4000kHz	1-3000kHz	
Cleaning Space Size	Standard Configuration Lens 330mm, Scanning Area 10-250mm. (Optional Lens 254mm, Scanning Area 10-175mm / 420mm, Scanning Area 10-300mm)		
Workbench Size	1300*970mm		
XYZ Stroke	800*400*400mm		
Input Voltage	AC 220V±10%, 50/60Hz		
Input Power	<3kW	<3.5kW	<5kW
Cooling Method	Air Cooling	Air/Water Cooling	Water Cooling
Water Tank Capacity	16L		
Machine Size	1580*1440*1900mm		
Packing Size	1800*1600*2100mm		
Net Weight	580Kg (Machine) 50Kg (Chiller)		

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

### Applicable Materials and Industries >>>

Mold cleaning, rust removal, paint or coating stripping, parts pretreatment before spraying, aerospace component cleaning, oxide removal after welding or pretreatment before welding, oil stain and product residue removal, cultural relic cleaning and restoration, etc.





One machine equals 2 welders. Flexible and easy to carry

# 2 IN 1 LASER WELDER



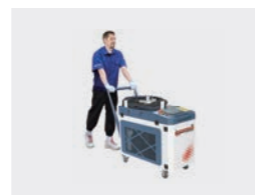
WIRE FEED



INDUSTRIAL CABINET



WELDING GUN



MOBILITY



SMALLER VOLUME

## Features

Fast operator training time yielding results of an experienced craftsman.

Simple operation and low labor cost.

Suitable for welding at any angle.

2 in 1 head for welding & welding seam cleaning.

- High welding efficiency, 3-8 times that of traditional welding machines.
- No grinding or finishing required to the seam.
- Synchronous wire feeding system, high welding strength, large aspect ratio and small deformation.



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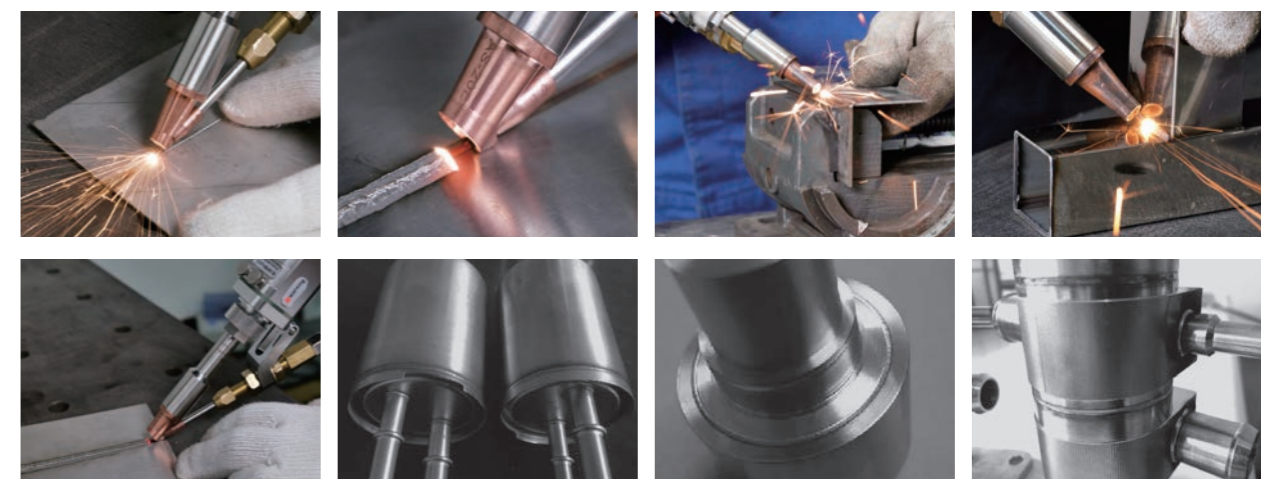
## Technical Parameters

Model	BLW-1000	BLW-1500	BLW-2000	BLW-3000
Laser Power	1000W	1500W	2000W	3000W
Laser Wavelength	1080±10nm			
Laser Mode	Continuous/Modulation			
Max. Frequency	20KHz			
Scan Width	0-6mm			
Fiber Cable Length	10-15m (customizable)			20m
Input Voltage	AC 220V±10%, 50/60Hz			AC 380V±7%, 50/60Hz
Input Power	<6kW	<8kW	<10kW	<14kW
Cooling Method	Water cooling (deionized water, distilled water or purified water)			
Water Tank Capacity	16L (Add 14-15L water)			
Machine Dimension	845*460*605mm	905*480*630mm	1240*584*1148mm	
Package Dimension	1270*580*1070mm			1430*720*1220mm
Total Weight	155kg	160kg	185kg	277kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Suitable for metal materials, such as carbon steel, stainless steel, titanium, aluminum, etc. Widely used in kitchen cabinets and bathrooms, stair lifts, shelves, advertisements, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel furniture, etc.



High-precision 5-axis linkage

# PLATFORM AUTOMATIC LASER WELDING MACHINE



## Features

High-precision 5-axis linkage, can realize welding in complex scenes such as three-dimensional surface processing.

- Zero basis teaching programming, simple operation, lower personnel requirements.
- High welding efficiency, small deformation, beautiful weld seam and no need for additional treatment.
- Full digital control, can realize stable welding with wire and without wire.
- High-definition CCD monitors the position and status of welding, and the positioning is accurate.
- The whole machine adopts modular design, stable performance and easy maintenance.

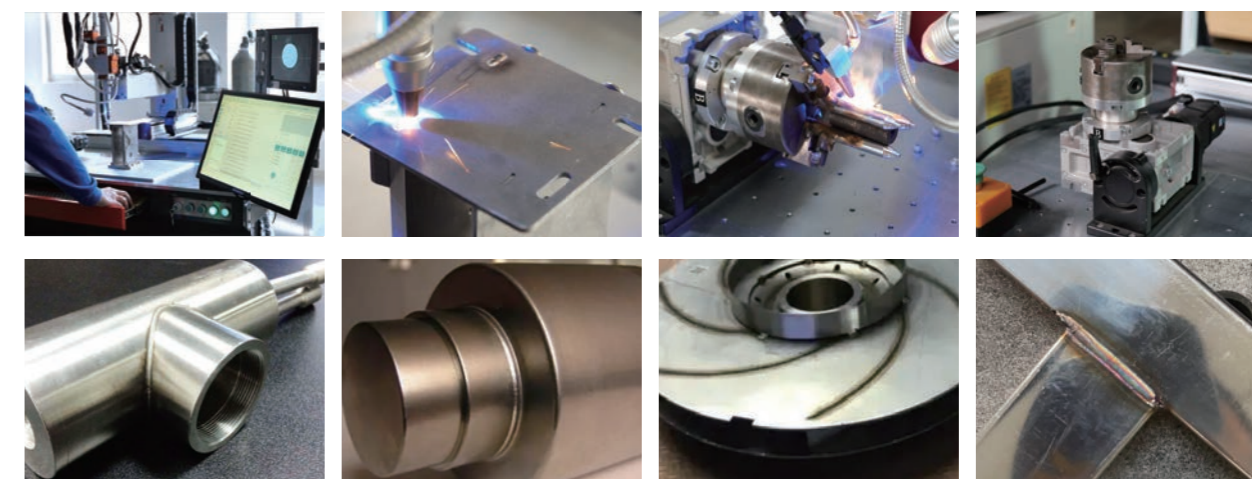
## Technical Parameters

Model	DLW-1000	DLW-1500	DLW-2000	DLW-3000
Laser Power	1000W	1500W	2000W	3000W
Laser Wavelength	1080±10nm			
Laser Mode	Continuous/Modulation			
Workbench Size	1200*1000mm(Can be customized)			
XYZ Stroke	800*300*300mm			
Spot Parameters	Ring (Other shapes are optional)/ 0-5mm			
Cooling Method	External Chiller (Medium deionized water, distilled water or purified water)			
Input Voltage	AC 220V±10%, 50/60Hz		AC 380V±7%, 50/60Hz	
Input Power	<8kW	10kW	12kW	15.5kW
Machine Dimension	1200*1000*1700mm			
Net Weight	400kg (actual weight depending on configuration)			

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Suitable for metal materials, such as carbon steel, stainless steel, titanium, aluminum, etc. Widely used in kitchen cabinets and bathrooms, stair lifts, shelves, advertisements, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel furniture, etc.



Small and medium-sized workpieces/complex workpieces automatic online cleaning

## FULLY ENCLOSED PLATFORM AUTOMATIC LASER WELDING MACHINE



### Features ▶▶

- Full range of CNC systems. Cross-stage stability, smoother welding.
- Intelligent motion trajectory.
- Seven-axis Linkage, double pendulum galvanometer.
- 360° automatic rotary wire feeding + servo wire feeding.
- Meet the requirements of complex working conditions, realize oblique seam welding and three-dimensional welding.
- On-line linkage automation.
- Combined with assembly line communication to achieve fully automatic online welding.
- Equipped with a robotic arm to realize automatic replacement of dual stations.

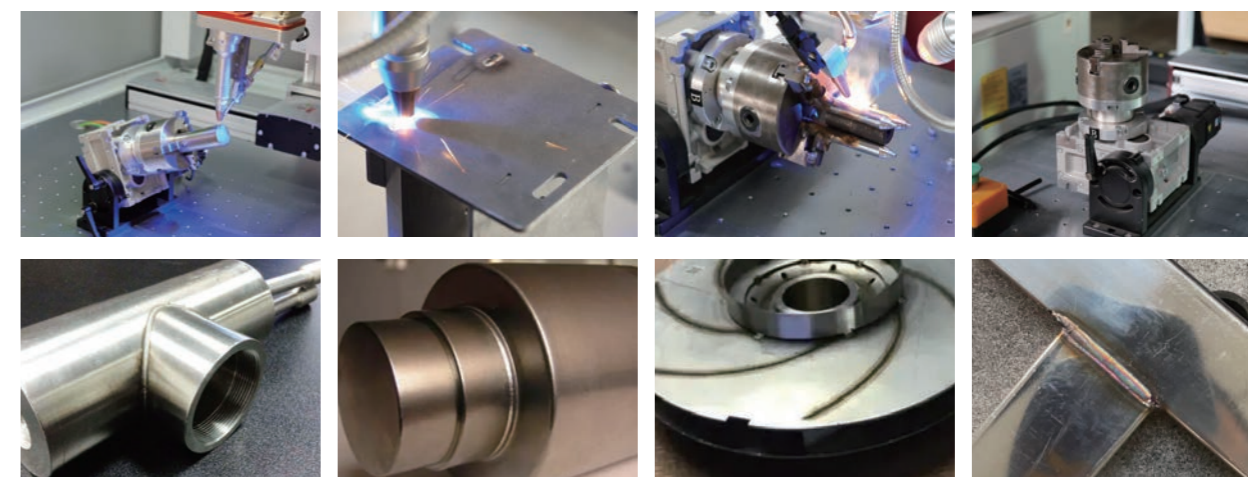
### Technical Parameters ▶▶

Model	DLW-1000A	DLW-1500A	DLW-2000A	DLW-3000A
Laser Power	1000W	1500W	2000W	3000W
Laser Wavelength	1080±10nm			
Laser Mode	Continuous/Modulation			
Max. Frequency	20KHz			
Welding Width	1-5mm			
Welding Depth	3mm	4mm	5mm	8mm
Workbench Size	1300*970mm			
XYZ Stroke	X*Y*Z		800*400*400mm	
Input Voltage	AC220V±10%			AC380V±10%
Input Power	7kW	8kW	10kW	13kW
Cooling Method	External Chiller (Medium deionized water, distilled water or purified water)			
Water Tank Capacity	16L			
Machine Dimension	1580*1440*1900mm			
Package Dimension	1800*1600*2100mm			
Net Weight	580kg (Machine) 50kg (Chiller)			

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

### Applicable Materials and Industries ▶▶

Suitable for metal materials, such as carbon steel, stainless steel, titanium, aluminum, etc. Widely used in kitchen cabinets and bathrooms, stair lifts, shelves, advertisements, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel furniture, etc.



Suitable for metal and some non-metallic materials

# FIBER LASER ENGRAVER



Handheld



Tabletop with Enclosure



Desktop

## Features

- Fast Marking Speed, exceptional stability and superior optical performance.
- Maintenance free, Long Life, Low Investment.
- Wide frequency range, high tolerance and superior initial pulse integrity.
- High Rate of Electrical-Optical Conversion: 70%.
- Compatible with multiple file formats: Coreldraw, AutoCAD, Photoshop; PLT, PCX, DXF, BMP, etc. Directly Use SHX, TTF Fonts.
- Automatic Encoding, Printing Serial Number, Batch Number, Date, Barcode, QR Code, Sequential numbering.



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## Technical Parameters

Model	SFX-20GS/30GS/50GS/60GS/80GS/100GS
Laser Power	20W/30W/50W/60W/80W/100W
Output Power Range	10%-100%
Marking Speed	7000mm/s
Laser Wavelength	1064nm
Marking Field	70×70mm/110×110mm/150×150mm/175×175mm/220×220mm/300×300mm
Laser Source	MAX/RAYCUS/JPT/IPG Optional
Engraving Depth	0.01-1mm
Repetition Precision	0.002mm
Min.Width	0.01mm
Input Voltage	AC 110V/220V, 50/60Hz
Cooling Method	Air Cooling
Packing Size	785*485*810mm
Gross Weight	62kg-78kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Applicable Materials: Platinum, Tungsten, Titanium, Carbide Nickel, Carbon Steel, Aluminum, Stainless Steel, Brass, Copper, Gold, Silver, metals, etc. Also some of nonmetal such as nylon, light button, ABS, PVC, PES, etc.



## Optional Accessories & Function



Rotary Axis

XY Table

Motorized Z-axis

Auto-focus Galvanometer

2.5D/3D Carving

Suitable for non-metallic materials

# CO<sub>2</sub> GALVO LASER ENGRAVER



Desktop



Enclosure



RF Laser Module

## Features

- Versatile power range and frequency control (CW or PWM).
- Fast Marking Speed, exceptional stability and superior optical performance.
- Maintenance free, Long Life, Economical.
- Compatible with multiple file formats: Coreldraw, AutoCAD, Photoshop; PLT, PCX, DXF, BMP, etc. Directly Use SHX, TTF Fonts.
- Automatic Encoding, Printing Serial Number, Batch Number, Date, Barcode, QR Code, Sequential numbering.

## Technical Parameters

Model	SFX-20CS/30CS/55CS/70CS
Laser Power	20W/30W/55W/70W
Output Power Range	10%-100%
Marking Speed	7000mm/s
Laser Wavelength	10.64μm
Marking Field	70×70mm/110×110mm/140×140mm/175×175mm/210×210mm/300×300mm
Laser Source	DAVI/COHERENT Optional
Engraving Depth	0.01-2mm(Depends on Materials)
Repetition Rate	0.002mm
Min.Width	0.01mm
Input Voltage	AC 110V/220V, 50/60Hz
Cooling Method	Air Cooling/Water Cooling
Packing Size	935*485*810mm
Gross Weight	73.5kg-75kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Applicable Materials: Wood, Glass, Acrylic, Paper, Rubber and other non-metallic materials like Food, Medicine, Wine, Electronic Components, IC, Electrical Appliances, Mobile Phone Communications, Building Materials, PVC Pipe and other Industries.



## Optional Accessories&Function



Rotary Axis

XY Table

Motorized Z-axis

Auto-focus Galvanometer

3D Carving

Cold laser processing, ultra-fine marking, wider range of application

# UV LASER ENGRAVER



## Features

- Micro-fine dot, narrow pulse and less heat result in results in sharpest detail in the smallest engravings.
- The UV wavelength (355nm) enables high-contrast, damage-free "cold marking", minimizing heat effects, burrs and yellow tinting to achieve perfect part finishes.
- The optical path and circuitry are integrated resulting in minimal external interference.
- Compatible with multiple file formats: Coreldraw, AutoCAD, Photoshop; PLT, PCX, DXF, BMP, etc. Directly Use SHX, TTF Fonts.
- Automatic Encoding, Printing Serial Number, Batch Number, Date, Barcode, QR Code, Sequential numbering.

## Technical Parameters

Model	SFX-3UV/5UV/10UV/15UV
Laser Power	3W/5W/10W/15W
Output Power Range	10%-100%
Marking Speed	7000mm/s
Laser Wavelength	355nm
Marking Field	70×70mm/110×110mm/140×140mm/175×175mm/250×250mm/300×300mm
Laser Source	JPT
Engraving Depth	0.01-0.5mm(Depends on Materials)
Repetition Accuracy	0.001mm
Min.Width	0.01mm
Input Voltage	AC 110V/220V, 50/60Hz
Cooling Method	Air Cooling/Water Cooling
Packing Size	935*485*810mm
Gross Weight	60kg-68kg

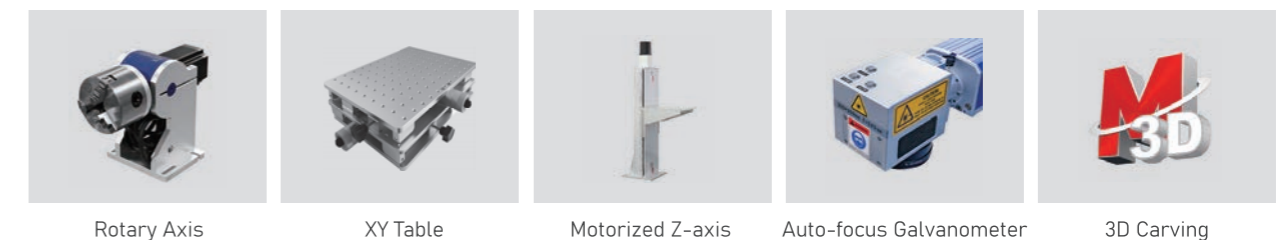
\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Industries to include but limited to: Cosmetics, Pharmaceuticals, Automotive, Electronics, Appliances, Communications.  
Materials to include: Flexible PCB, LCD Glass, Anodize, Plastics of all types, a wide spectrum of glass and much more.



## Optional Accessories&Function



7 inch touch screen, electromagnet base

# PNEUMATIC MARKER



## Features ▶▶

- Split design, easy to carry. PC is not needed, 7 inch touch screen built-in control system.
- Electromagnet Base. No Need to Hold by Hand, The Head Comes With an Electromagnet Base, Can be Firmly.
- Attached to the Surface of the Magnetic Workpiece.
- Marking contents: English letters, fixed characters, serial number, VIN, date, graphics, logo etc.
- Hard alloy marking pin can mark materials within HRC60 of metal and plastic.



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## Technical Parameters ▶▶

Model	Z-MARKING-08040	Z-MARKING-12050	ZS-MARKING-15080
Marking Depth	0.02-1mm		0.1-1mm
Marking Speed	3-5 characters/s		
Marking Range	80mm*40mm	120mm*50mm	150mm*80mm
Input Voltage	AC 110V/220V, 50Hz		AC 110V/220V, 50/60Hz
Air Pressure	0.4-0.5Mpa		0.3-0.4Mpa
Air Consumption	3L/S		
Power Consumption	100W		
Operating Temperature	1-40°C		
Operation Humidity	<90%		
Net Weight	10kg	11kg	17kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries ▶▶

Applicable Materials: English letters, fixed characters, serial number, VIN, date, graphics, logo etc.



Suitable for gifts, cloth toys, handicrafts, advertising decoration, packaging and printing, etc.

## CO<sub>2</sub> LASER ENGRAVER & CUTTER



SFX-4040



SFX-4060

### Features >>>

- Reci brand CO<sub>2</sub> glass tube.
- Brand name stepper motors support accurate, high speed head positioning.
- Reliable, accurate stainless steel linear guides for high tolerance output.
- Red Pointer light continuously indicates laser beam position on work piece.
- Honeycomb Matrix work bed insert minimizes hot spots on work piece
- Work bed up and down via electric motor.
- Continuous air flow through beam nozzle insures debris free lenses.
- Laser tube cooling supported by industry leading water chiller.

### Optional Accessories >>>



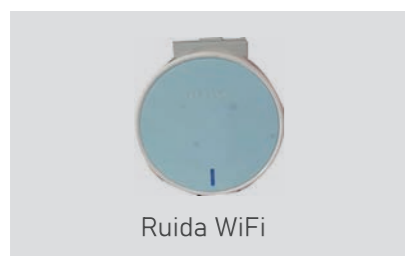
Indoor Air Filter



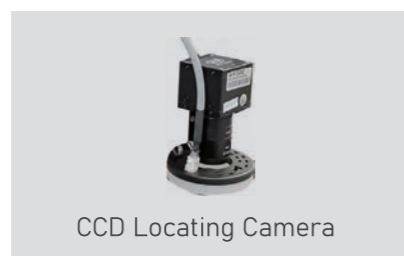
Drinkware Fixture



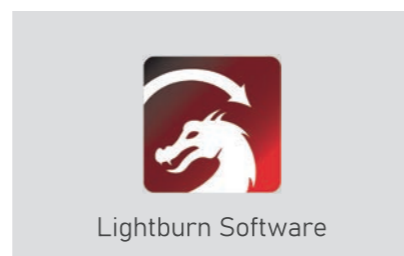
Cylindrical Fixture



Ruida WiFi



CCD Locating Camera



Lightburn Software

### Technical Parameters >>>

Model	SFX-4040/4060
Working Area	400*400mm/400*600mm
Laser Type	Sealed CO <sub>2</sub> laser tube
Laser Power	50W/60W
Cooling Method	Water Cooling
Optional Power	0-100% set by software
Operate System	High speed DSP control, step motor
Minimum Shaping Character	English Letters:1mm
Input Voltage	AC 110V, 60Hz / 220V, 50Hz
Working Environment	Temperature: 0-45°C, Humidity: 5%-95%
File Format	*.plt, *.dst, *.dxf, *.bmp, *.dwg, *.ai, *.las, support AutoCAD, CoreDraw output directly
Transmission Type	Belt / XY modular design

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

### Applicable Materials and Industries >>>

Applicable to nonmetallic materials, such as acrylic, plexiglass, wood, MDF, rubber, PVC, leather, paper, stone, glass, cloth, plastic, etc.





Suitable for engraving/cutting of acrylic, cloth, leather and other non-metallic materials etc.

# CO<sub>2</sub> LASER ENGRAVER & CUTTER



SFX-1390



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## Features >>>

- Reci & Yongli laser source
- Auto-focus
- Motorized ↑↓ work table
- Red light laser location indicator
- Ruida controller
- Integrated air flow to laser nozzle
- S&A laser tube chiller
- Large and small item work table included

## Optional Accessories >>>



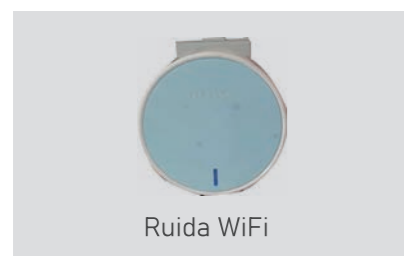
Indoor Air Filter



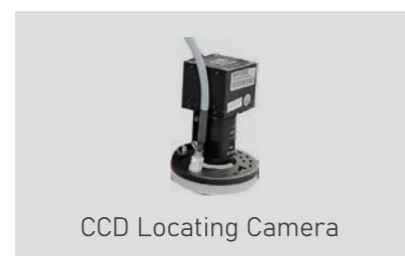
Drinkware Fixture



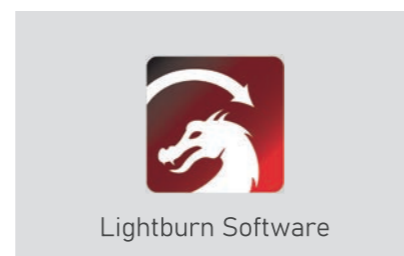
Cylindrical Fixture



Ruida WiFi



CCD Locating Camera



Lightburn Software

## Technical Parameters >>>

Model	SFX-9060/1290/1390/1490/1610/1325/1530
Working Area	900*600mm/1200*900mm/1300*900mm/1400*900mm/1600*1000mm/1300*2500mm/1500*3000mm
Laser Type	Sealed CO <sub>2</sub> laser tube
Laser Power	80W/100W/130W/150W/180W/220W/300W
Cooling Method	Water Cooling
Optional Power	0-100% set by software
Operate System	High speed DSP control, step motor
Minimum Shaping Character	English Letters:1mm
Working Voltage	AC 110V, 60Hz / 220V, 50Hz
Working Environment	Temperature: 0-45°C, Humidity: 5%-95%
File Format	*.plt, *.dst, *.dxf, *.bmp, *.dwg, *.ai, *.las, support AutoCAD, CoreDraw output directly
Transmission Type	Belt / XY modular design

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries >>>

Applicable to nonmetallic materials, such as acrylic, plexiglass, wood, MDF, rubber, PVC, leather, paper, stone, glass, cloth, plastic, etc.



Suitable for engraving/cutting thin metal sheets and non-metallic materials

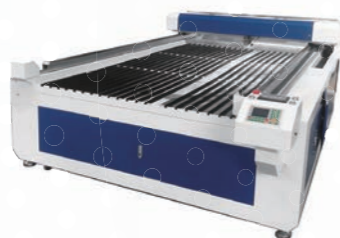
# HYBRID CO<sub>2</sub> LASER CUTTER

## Features >>>

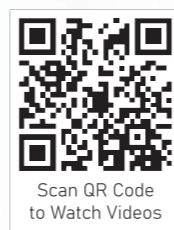
- Reci & Yongli laser source
- Auto-focus
- Motorized work table
- Red light laser location indicator
- Ruida controller
- Integrated air flow to laser nozzle
- S&A laser tube chiller



SFX-1390



SFX-1325



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## Optional Accessories >>>



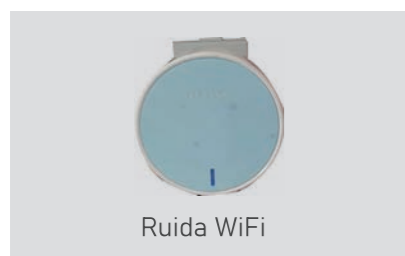
Indoor Air Filter



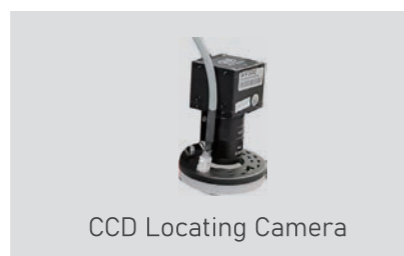
Drinkware Fixture



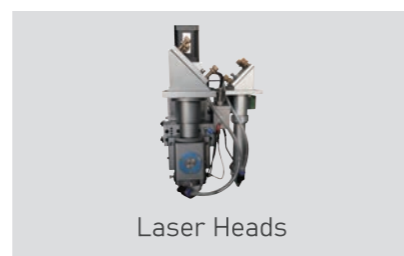
Cylindrical Fixture



Ruida WiFi



CCD Locating Camera



Laser Heads

## Technical Parameters >>>

Model	SFX-1390/1325
Working Area	1300*900mm/1300*2500mm
Laser Type	Sealed CO <sub>2</sub> glass laser tube, wavelength: 10.64μm
Laser Power	150W/180W/220W/280W/300W
Cooling Method	Water Cooling
Control System	DSP offline control system, laser power software 0-100% adjustable
Maximum Engraving Speed	0-60000mm/min
Maximum Cutting Speed	0-30000mm/min
Repetition Accuracy	≤ ±0.01mm
Min. Letter	English: 1.0*1.0mm
Input Voltage	AC 110V/220V, 50Hz~60Hz
Working Condition	Temperature: 0-45°C, Humidity: 5%-95%
File Format	*.plt, *.dst, *.dxf, *.bmp, *.dwg, *.ai, *.las, support AutoCAD, CoreDraw output directly

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries >>>

Applicable to stainless steel, carbon steel, galvanized steel, acrylic, polywood, MDF, plexiglass, wood, rubber, PVC, leather, paper, stone, glass, etc.



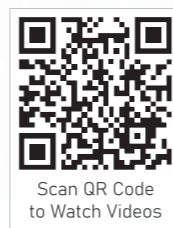
Suitable for precision cutting of metal plates such as gold and silver in jewelry

# PRECISION FIBER LASER CUTTER



## Features

- Fast and precise cutting while maintaining the highest tolerances possible.
- IPG and Raycus laser supported by industry leading 2 year warranty.
- User friendly CypOne/CypCut software supports all common vector formats including DXF, PLT, AI, LXD and more.
- Industry Leading Raytools Cutting Head featuring Auto-Focus.
- Machine enclosure windows feature 1064nm safety glass to protect from laser scatter.
- Hanli and S & A chillers support reliable laser source cooling.



## Fiber laser source cutting capacity

Material	Maximum cutting thickness (mm)			Remark
	1000w	1500w	2000w	
Stainless steel	4	5	8	To insure the desired results it is best to choose the next higher power rating to meet the maximum desired thickness.
Carbon steel	10	14	18	
Galvanized sheet	4	5	8	
Aluminum	3	4	5	
Brass	3	4	5	

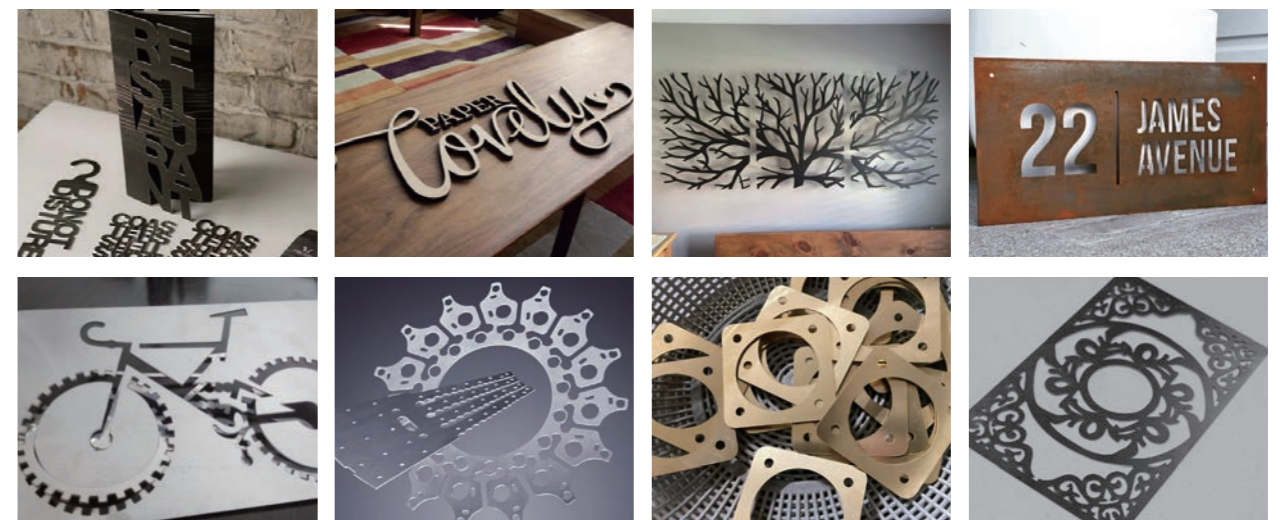
## Technical Parameters

Model	SFX-3030	SFX-6080
Working Area	300*300mm	600*800mm
Laser Power	1000W-3000W	1000W/1500W/2000W... 6000W
Laser Wavelength	1064nm	1064nm
Beam Quality	<0.373mrad	<0.373mrad
Max Cutting Accuracy	+0.03mm	+0.05mm
Re-position Accuracy	+0.01mm	+0.03mm
Max Operating Speed	30m/min	30m/min
Max Cutting Speed	30m/min	30m/min
Transmission Type	Precision dual ball screw transmission	Precision dual ball screw transmission
Driving System	Servo motors	Servo motors
Cutting Depth	Depends on Laser Power and Materials	Depends on Laser Power and Materials
Assist Gas	Compressed air, Oxygen, Nitrogen	Compressed air, Oxygen, Nitrogen
Cooling Method	Industrial circulation water chiller	Industrial circulation water chiller
Aiming and positioning	Red Dot	Red Dot
Working Voltage	220V/380V, 50/60Hz (Transformer Available)	110V/240V, 50-60Hz
Machine Dimensions/N.W	890*850*1830mm / 600kg	1800*1720*1820mm / 1500kg
Packing Dimensions/G.W	1550*1540*1950mm / 850kg	2500*1900*2090mm / 1700kg

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Applicable to sheet metal such as carbon/mild steel, stainless steel, aluminum alloy, galvanized sheet, electrolytic plate, silicon steel, titanium alloy, aluminum zinc plate, brass, copper, silver and tight sheet metal fittings, etc.



Suitable for fast batch cutting of metal sheet

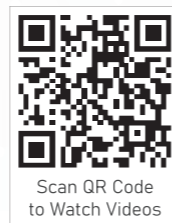
# FIBER LASER CUTTER



SFX-9013

## Features

- Fast and precise cutting while maintaining the highest tolerances possible.
- IPG and Raycus laser supported by industry leading 2 year warranty.
- User friendly CypOne/CypCut software supports all common vector formats including DXF, PLT, AI, LXD and more.
- Industry Leading Raytools Cutting Head featuring Auto-Focus.
- Hanli and S & A chillers support reliable laser source Cooling.



## Fiber laser source cutting capacity

Material	Maximum cutting thickness (mm)			Remark
	1000w	1500w	2000w	
Stainless steel	4	5	8	To insure the desired results it is best to choose the next higher power rating to meet the maximum desired thickness.
Carbon steel	10	14	18	
Galvanized sheet	4	5	8	
Aluminum	3	4	5	
Brass	3	4	5	

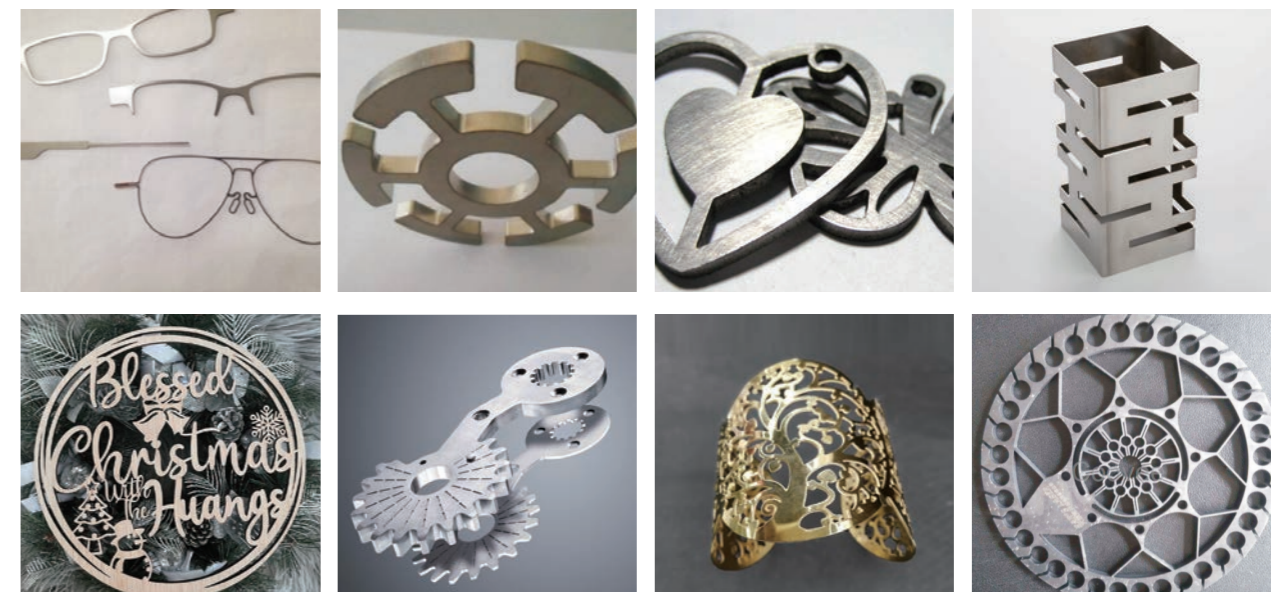
## Technical Parameters

Model	SFX-9013
Working Area	900*1300mm/1300*1300mm/1300*2500mm/1500*3000mm/1500*6000mm 2000*4000mm/2000*6000mm.....
Laser Power	1000W/1500W/2000W/...6000W
Laser Wavelength	1064nm
Beam Quality	< 0.373mrad
Max Cutting Speed	30m/min(Depends on material)
Cutting Depth	Depends on Laser Power and Materials
Assist Gas	Compressed air, Oxygen, Nitrogen
Cooling Method	Industrial circulation water chiller
Input Voltage	AC 110V/240V/380V, 50-60Hz

\*Due to product updates, there may be differences in appearance and parameters, please refer to the latest product!

## Applicable Materials and Industries

Applicable to sheet metal such as carbon/mild steel, stainless steel, aluminum alloy, galvanized sheet, electrolytic plate, silicon steel, titanium alloy, aluminum zinc plate, brass, copper, silver and tight sheet metal fittings, etc.



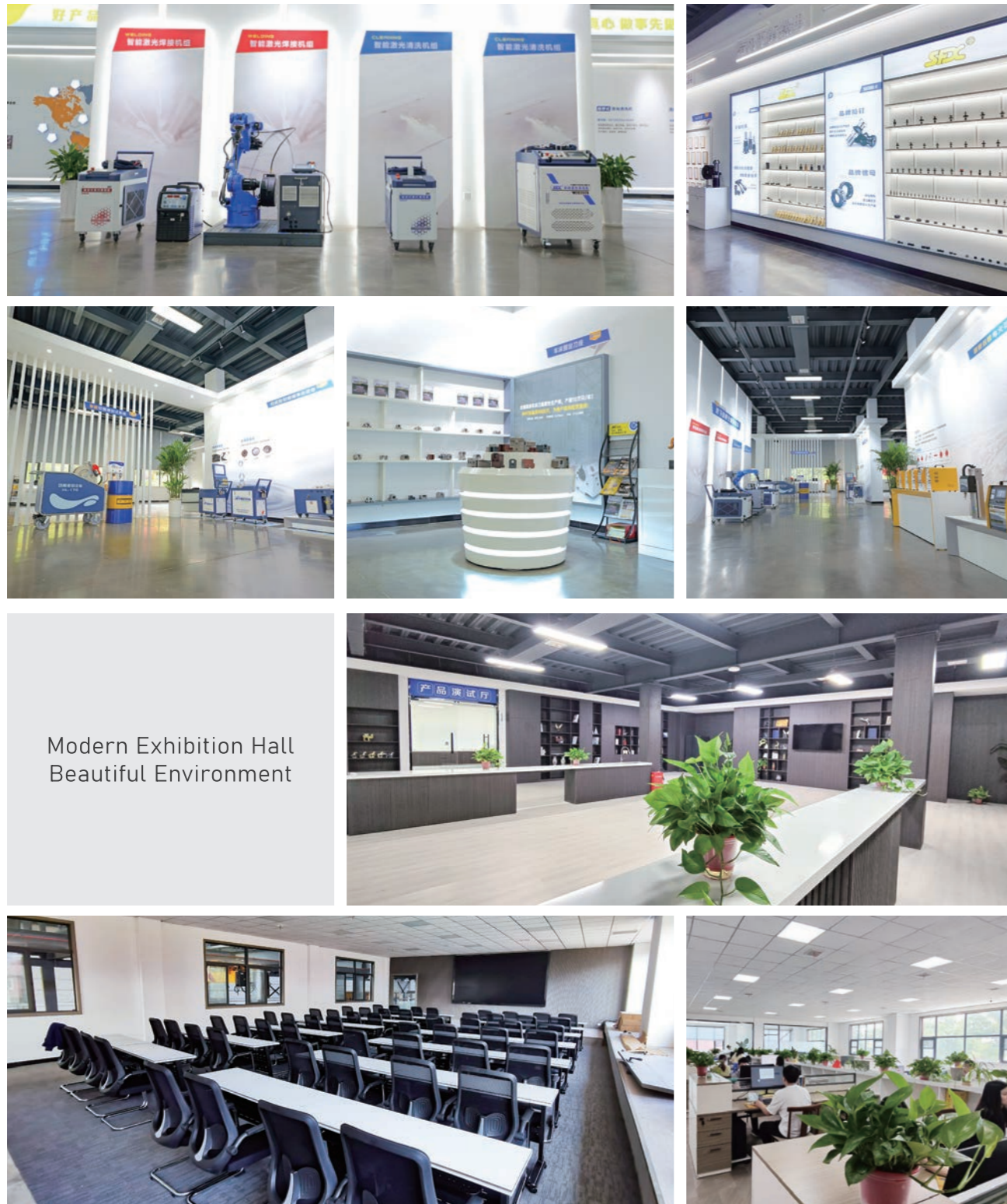
# INTO SFX LASER

- Modern Intelligent Workshop
- Company Culture

# MODERN INTELLIGENT WORKSHOP



## MODERN OFFICES



## MASS PRODUCTION



Material	Material Thickness	40W		60W		80W		100W		130W		150W		180W		200W		300w		Note(Laser power 90%)
		Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	Max. Speed	Best Speed	
Acrylic	3mm	15mm/s	10mm/s	20mm/s	15mm/s	25mm/s	20mm/s	30mm/s	25mm/s	35mm/s	30mm/s	40mm/s	35mm/s	45mm/s	40mm/s	55mm/s	45mm/s	55mm/s	45mm/s	Pay attention to airflow control when cutting acrylic. The amount of air blowing on the surface of the material should be smaller or side blowing, so as to ensure the smoothness of the acrylic; the bottom of the material should have air flow to prevent fire.
	5mm	8mm/s	5mm/s	10mm/s	7mm/s	12mm/s	8mm/s	15mm/s	10mm/s	17mm/s	12mm/s	21mm/s	15mm/s	25mm/s	18mm/s	30mm/s	25mm/s	30mm/s	25mm/s	
	8mm	4mm/s	2mm/s	5mm/s	3mm/s	9mm/s	5mm/s	10mm/s	6mm/s	12mm/s	8mm/s	15mm/s	10mm/s	18mm/s	12mm/s	25mm/s	15mm/s	25mm/s	15mm/s	
	1cm	3mm/s	---	4mm/s	2mm/s	6mm/s	3mm/s	7mm/s	4mm/s	8mm/s	5mm/s	11mm/s	7mm/s	16mm/s	10mm/s	20mm/s	13mm/s	20mm/s	13mm/s	
	15mm	---	---	2mm/s	0.8mm/s	3mm/s	1.5mm/s	4mm/s	2mm/s	5mm/s	3mm/s	7mm/s	4mm/s	9mm/s	6mm/s	11mm/s	8mm/s	11mm/s	8mm/s	
	20mm	---	---	1mm/s	0.3mm/s	1.5mm/s	0.5mm/s	2mm/s	0.7mm/s	3mm/s	1mm/s	4mm/s	1.5mm/s	5mm/s	2mm/s	7mm/s	4mm/s	7mm/s	4mm/s	
	25mm	---	---	---	---	0.5mm/s	0.2mm/s	0.8mm/s	0.3mm/s	1mm/s	0.4mm/s	1.8mm/s	0.8mm/s	2.5mm/s	1.2mm/s	5mm/s	3mm/s	5mm/s	3mm/s	
	30mm	---	---	---	---	---	---	0.3mm/s	---	0.5mm/s	0.3mm/s	0.8mm/s	0.5mm/s	1.3mm/s	0.8mm/s	3mm/s	1.5mm/s	3mm/s	1.5mm/s	
	35mm	---	---	---	---	---	---	---	---	0.2mm/s	---	0.4mm/s	0.1mm/s	0.6mm/s	0.3mm/s	1mm/s	0.7mm/s	1mm/s	0.7mm/s	
40mm	---	---	---	---	---	---	---	---	---	---	0.1mm/s	---	0.2mm/s	0.1mm/s	0.5mm/s	0.3mm/s	0.5mm/s	0.3mm/s		
Die Cutting Plate	15mm	---	---	---	---	---	---	---	---	4mm/s	3mm/s	6mm/s	4.5mm/s	8mm/s	6mm/s	11mm/s	9mm/s	11mm/s	9mm/s	Pay attention to focal length and airflow control. The larger the air flow, the faster the cutting speed, and the smaller the air outlet, the greater the force acting on the unit area of the material; the focusing lens is recommended to use a focal length above 100mm
	18mm	---	---	---	---	---	---	---	---	2mm/s	1.2mm/s	4mm/s	2.5mm/s	5mm/s	3.5mm/s	8mm/s	6mm/s	8mm/s	6mm/s	
	20mm	---	---	---	---	---	---	---	---	---	---	2.5mm/s	1.8mm/s	3.5mm/s	2.5mm/s	6mm/s	4.5mm/s	6mm/s	4.5mm/s	
MDF (high-density board)	3mm	9mm/s	7mm/s	15mm/s	12mm/s	20mm/s	15mm/s	23mm/s	18mm/s	25mm/s	20mm/s	30mm/s	25mm/s	33mm/s	28mm/s	40mm/s	35mm/s	40mm/s	35mm/s	Pay attention to airflow control. The greater the airflow, the faster the cutting speed.
	5mm	5mm/s	3.5mm/s	10mm/s	8mm/s	13mm/s	10mm/s	15mm/s	13mm/s	18mm/s	15mm/s	21mm/s	18mm/s	25mm/s	21mm/s	30mm/s	25mm/s	30mm/s	25mm/s	
	10mm	---	---	3mm/s	---	5mm/s	3.5mm/s	7mm/s	5mm/s	9mm/s	6.5mm/s	12mm/s	9mm/s	14mm/s	11mm/s	18mm/s	15mm/s	18mm/s	15mm/s	
	15mm	---	---	---	---	---	---	2.5mm/s	---	4mm/s	3mm/s	7mm/s	5.5mm/s	9mm/s	7mm/s	12mm/s	10mm/s	12mm/s	10mm/s	
18mm	---	---	---	---	---	---	---	---	---	---	4mm/s	---	5mm/s	4mm/s	8mm/s	7mm/s	8mm/s	7mm/s		
Leather	Single layer	15mm/s	12mm/s	20mm/s	17mm/s	25mm/s	20mm/s	30mm/s	25mm/s	40mm/s	35mm/s	45mm/s	40mm/s	50mm/s	45mm/s	60mm/s	55mm/s	60mm/s	55mm/s	For leather cutting, it is recommended to use a focusing lens with a focal length of 50 to cooperate with a laser tube of 60W-100W and a small air compressor.
Wooden boards (except rare hard wood)	3mm	10mm/s	8mm/s	15mm/s	12mm/s	20mm/s	18mm/s	25mm/s	22mm/s	30mm/s	28mm/s	35mm/s	33mm/s	40mm/s	37mm/s	50mm/s	48mm/s	50mm/s	48mm/s	When cutting wood, please pay attention to air flow control. The greater the air flow, the faster the cutting speed.
	5mm	5mm/s	---	10mm/s	8mm/s	15mm/s	10mm/s	20mm/s	18mm/s	25mm/s	22mm/s	30mm/s	28mm/s	35mm/s	32mm/s	45mm/s	42mm/s	45mm/s	42mm/s	
	10mm	---	---	4mm/s	---	8mm/s	6mm/s	12mm/s	10mm/s	15mm/s	13mm/s	20mm/s	17mm/s	25mm/s	20mm/s	35mm/s	30mm/s	35mm/s	30mm/s	
	15mm	---	---	---	---	---	---	8mm/s	5mm/s	11mm/s	8mm/s	15mm/s	13mm/s	18mm/s	15mm/s	25mm/s	22mm/s	25mm/s	22mm/s	
Fabric	Single layer	40mm/s	38mm/s	60mm/s	58mm/s	100mm/s	98mm/s	200mm/s	195mm/s	300mm/s	295mm/s	400mm/s	395mm/s	500mm/s	495mm/s	600mm/s	590mm/s	600mm/s	590mm/s	Same as leather cutting
PVC	2mm	35mm/s	32mm/s	50mm/s	45mm/s	60mm/s	58mm/s	70mm/s	68mm/s	80mm/s	78mm/s	90mm/s	88mm/s	100mm/s	98mm/s	120mm/s	118mm/s	120mm/s	118mm/s	For PVC cutting, it is recommended to use a focusing lens with a focal length of 50 and a laser tube of 60W-100W, and the power should be 50%-70%
	3mm	30mm/s	27mm/s	40mm/s	38mm/s	50mm/s	48mm/s	60mm/s	58mm/s	70mm/s	68mm/s	80mm/s	78mm/s	90mm/s	88mm/s	110mm/s	108mm/s	110mm/s	108mm/s	
	4mm	25mm/s	20mm/s	35mm/s	30mm/s	45mm/s	40mm/s	55mm/s	50mm/s	65mm/s	63mm/s	75mm/s	73mm/s	85mm/s	80mm/s	100mm/s	98mm/s	100mm/s	98mm/s	
Iron plate	2mm	---	---	---	---	---	---	---	---	---	---	8mm/s	6mm/s	15mm/s	12mm/s	40mm/s	30mm/s	40mm/s	30mm/s	Iron plate cutting requires oxygen assistance, and the oxygen pressure is 0.8mpa
	3mm	---	---	---	---	---	---	---	---	---	---	---	---	7mm/s	---	25mm/s	18mm/s	25mm/s	18mm/s	
Stainless Steel	0.5	---	---	---	---	---	---	---	---	---	---	50mm/s	40mm/s	55mm/s	45mm/s	70mm/s	60mm/s	90mm/s	80mm/s	Requires oxygen assistance
	1	---	---	---	---	---	---	---	---	---	---	25mm/s	20mm/s	30mm/s	25mm/s	40mm/s	35mm/s	50mm/s	40mm/s	
	1.5	---	---	---	---	---	---	---	---	---	---	10mm/s	8mm/s	18mm/s	15mm/s	25mm/s	20mm/s	35mm/s	30mm/s	
	2	---	---	---	---	---	---	---	---	---	---	---	---	10mm/s	8mm/s	20mm/s	15mm/s	25mm/s	20mm/s	
	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	15mm/s	10mm/s	20mm/s	15mm/s		
	3	---	---	---	---	---	---	---	---	---	---	---	---	---	10mm/s	7mm/s	15mm/s	10mm/s		
Two-color board	2mm	15mm/s	13mm/s	25mm/s	20mm/s	35mm/s	30mm/s	40mm/s	35mm/s	45mm/s	40mm/s	55mm/s	50mm/s	65mm/s	60mm/s	80mm/s	75mm/s	80mm/s	75mm/s	Same as PVC cutting
Paper	Single layer	80mm/s	40mm/s	120mm/s	40mm/s	150mm/s	40mm/s	250mm/s	40mm/s	350mm/s	40mm/s	450mm/s	40mm/s	550mm/s	40mm/s	650mm/s	40mm/s	650mm/s	40mm/s	Pay attention to the laser power adjustment when cutting paper. The higher the laser tube power, the smaller the laser adjustment percentage.
Rubber board	4mm (1mm)	15mm/s	13mm/s	25mm/s	20mm/s	30mm/s	27mm/s	35mm/s	33mm/s	40mm/s	38mm/s	45mm/s	43mm/s	50mm/s	48mm/s	60mm/s	58mm/s	60mm/s	58mm/s	The rubber sheet is generally cut in a single layer, and the surface layer can be cut through. The table belongs to the surface layer cutting parameters
	6mm (2mm)	10mm/s	8mm/s	15mm/s	10mm/s	18mm/s	15mm/s	20mm/s	18mm/s	25mm/s	23mm/s	30mm/s	28mm/s	35mm/s	33mm/s	45mm/s	43mm/s	45mm/s	43mm/s	





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