



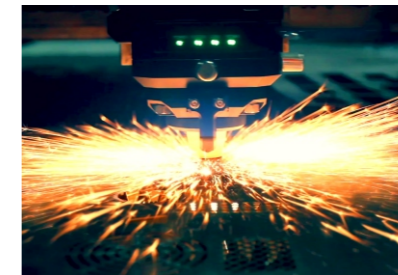
THE LASER AS A TOOL

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SCAN TO KNOW MORE

CREATE A NEW ERA



SC LASER

Wuhan Shuangcheng Laser

Equipment Manufacturing Co.,Ltd.

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Persistence determines professionalism.

Details determine success.





# THE LASER AS A TOOL >>

--- Jason Lee

Wuhan SC Laser Equipment Manufacturing Co., Ltd. is a high-tech enterprise which integrates research and development, design, production, sales and service of laser equipment.

SC Laser is specialized in the R&D, production and marketing of Fiber Laser Equipment, include Fiber Cutting Machine, Fiber Welding Machine and Laser Robot. Our Laser cutting machine cutting thickness range from 0.5mm to 100mm , Power Range from 500W to 20000W. It can Widely used in Machine Manufacturing, Precision Sheet Metal Field, Kitchenware and furniture, Pipe Application, Advertisement, Auto parts, Fitness Equipment, Metal handicrafts etc.

# High Power Fiber Cutting Machine

## SC-FA

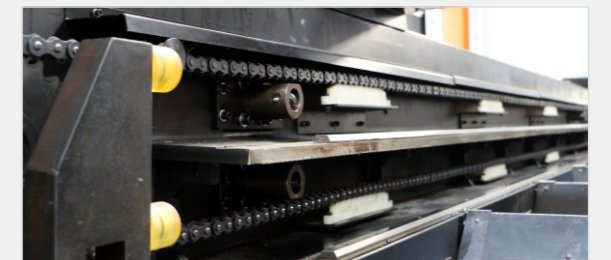


### EQUIPMENT CHARACTERISTICS

■ Portable optical fiber external design

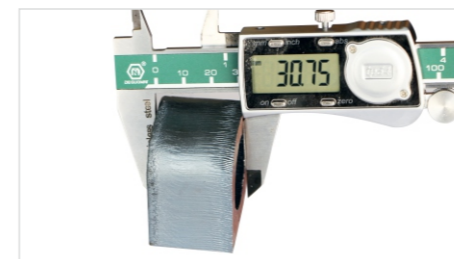


■ Large format exchange table



■ Steel plate welding bed

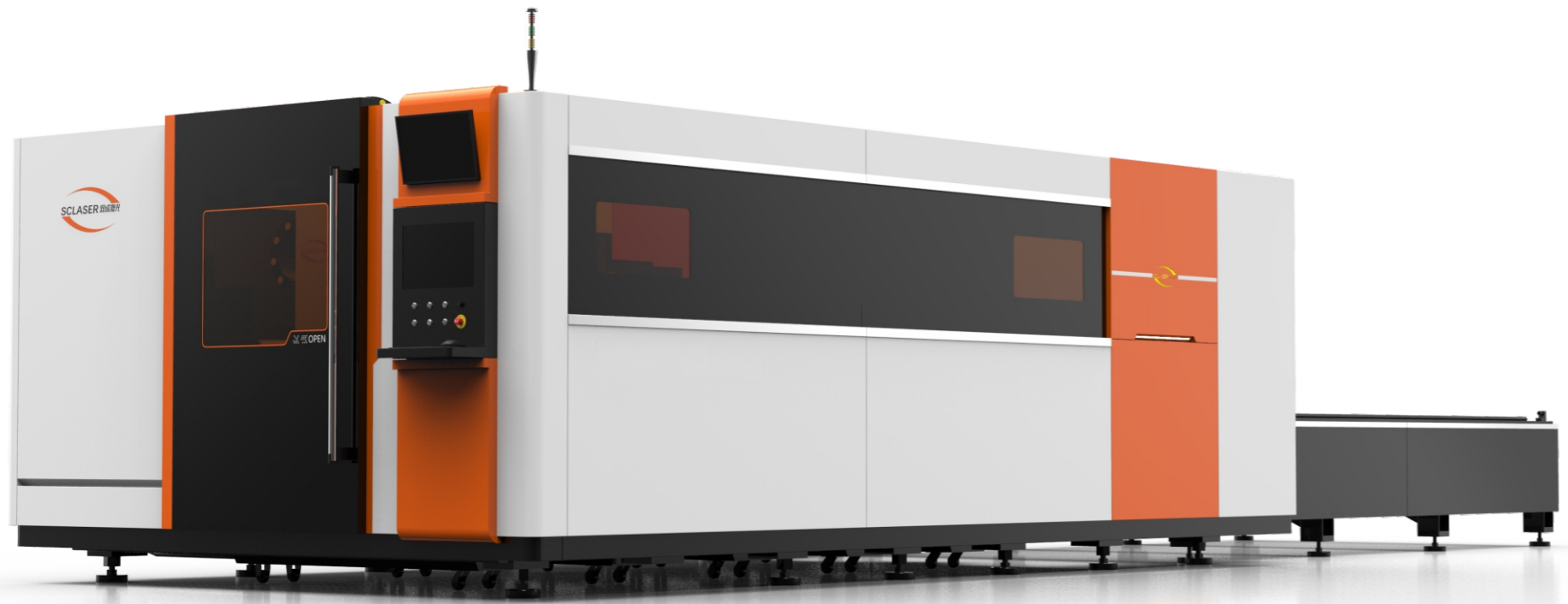
### SAMPLE SHOWING



Worktable Size(Customizable)		Laser Power
4000mm × 2000mm 8000mm × 2500mm 6000mm × 2500mm 9000mm × 2500mm		2000W\3000W\4000W\6000W\8000W
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
0.5mm-40mm	±0.03mm/m	±0.02mm/m

# High Power Fiber Cutting Machine

## SC-FA



### EQUIPMENT CHARACTERISTICS

Control system



Graphite plate bed protection



Sectional dust removal design



### SAMPLE SHOWING



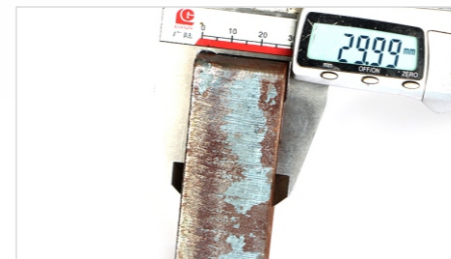
Worktable Size(Customizable)		Laser Power	
6000mm × 2000mm 8000mm × 2500mm		6000W\8000W\12000W\15000W\20000W	
6000mm × 2500mm 9000mm × 2500mm			
Maximum Cutting Range	Position Accuracy	Reposition Accuracy	
25mm-60mm	±0.03mm/m	±0.02mm/m	

# Single Table Fiber Cutting Machine

## SC-FB



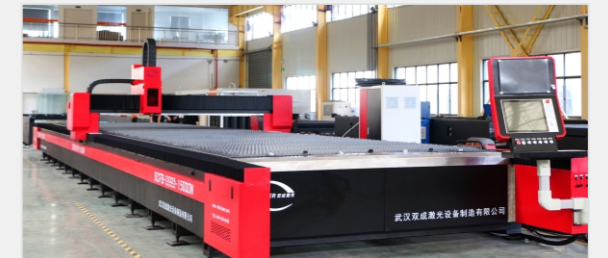
### SAMPLE SHOWING



Worktable Size(Customizable)		Laser Power	
6000mm× 2500mm	8000mm× 2500mm	3000W\6000W\8000W\12000W\15000W	
12000mm× 2500mm	13000mm× 2500mm		
24000mm× 4000mm			
Maximum Cutting Range	Position Accuracy	Reposition Accuracy	
25mm-60mm	±0.03mm/m	±0.02mm/m	

### EQUIPMENT CHARACTERISTICS

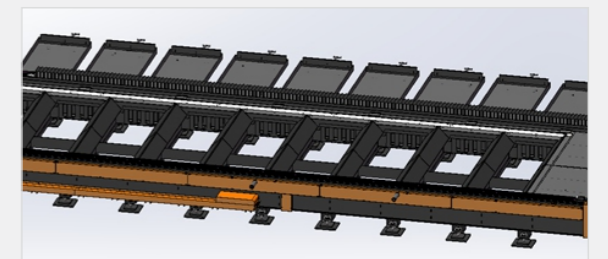
Ultra high power, large format



CE international certification standard



Sectional ventilation system



# CNC Fiber Laser Cutting Machine

## SC-FBD



### EQUIPMENT CHARACTERISTICS

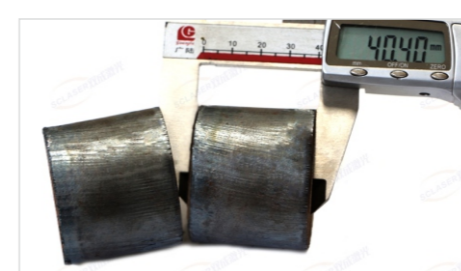
Large format, CNC landing gantry structure



Unique floating bilateral dual drive system



### SAMPLE SHOWING

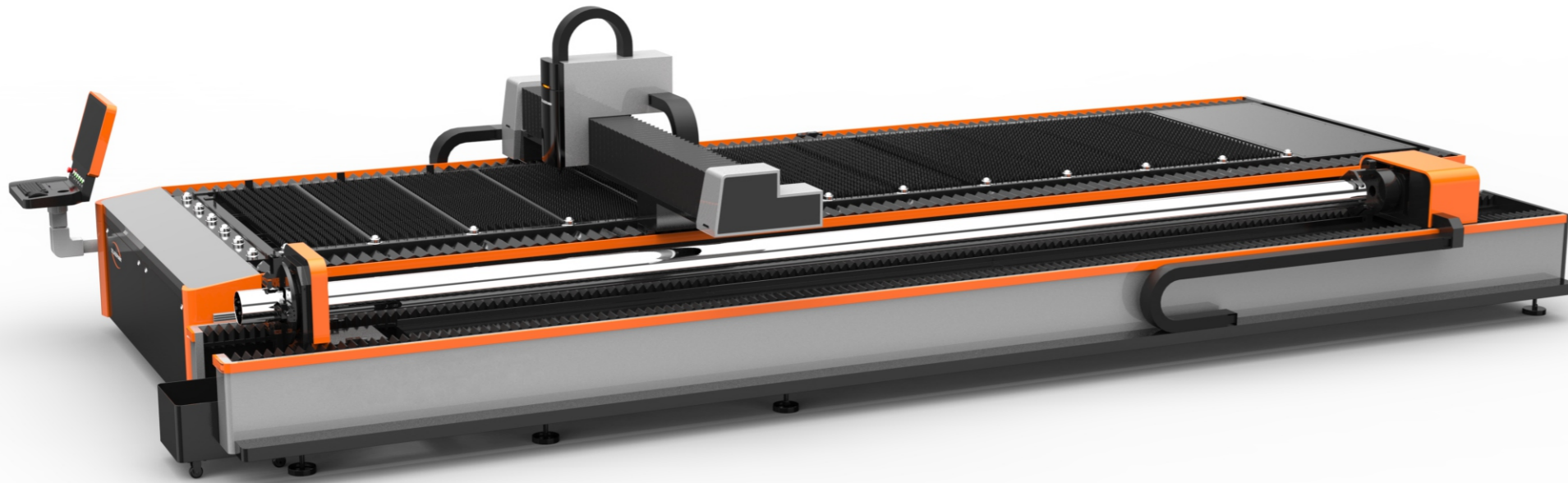


Separable structures of lathe bed

Worktable Size(Customizable)		Laser Power
Length optional 24000mm/30000mm/36000mm		8000W/12000W/15000W/20000W/30000W
Width optional: 3000mm/3500mm/4000mm/4500mm/5000mm		
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
25mm-60mm	±0.08mm/m	±0.15mm/m

# Sheet& Tube Cutting Machine

## SC-FC

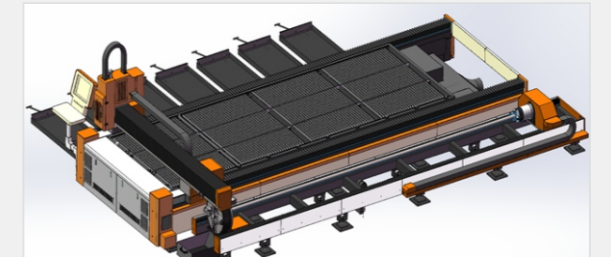


### SAMPLE SHOWING



### EQUIPMENT CHARACTERISTICS

- Integrated high strength lathe bed



- High speed and efficient dual pneumatic chuck



- Follow-up support



Worktable Size (Customizable)		Laser Power	
6000mm × 2500mm 8000mm × 2500mm 12000mm × 2500mm 13000mm × 2500mm		3000W\6000W\8000W\12000W\15000W	
Maximum Cutting Range	Position Accuracy	Reposition Accuracy	
25mm-60mm	±0.03mm/m	±0.02mm/m	



# Two Chucks Tube Laser Cutting Machine

## SC-FD

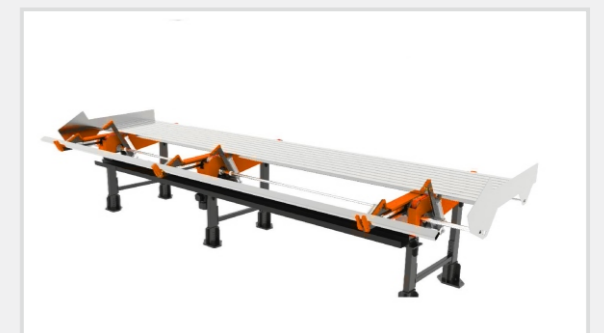


### EQUIPMENT CHARACTERISTICS

- Pneumatic precision chuck,  
Maxim loading speed at 60m/min,  
Maxim running speed at 100rad/min



- Multi angle cutting device for heterosexual pipe  
(the patent number: 201922427064.0 )



### SAMPLE SHOWING



Pipe Length	Laser Power	Tube Range
3m-12m (According Client Demand)	1500W\2000W\3000W 4000W\6000W\8000W	Round Tube 20-320mm (According Client Demand)
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
0.8mm-25mm	±0.05mm/m	±0.03mm/m

# Three Chucks Tube Laser Cutting Machine

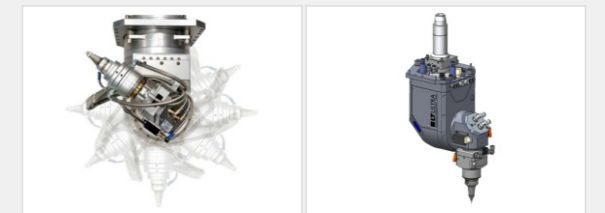
## SC-FDS



Pipe Length	Laser Power	Tube Range
3m-12m (According Client Demand)	1500W\2000W\3000W 4000W\6000W\8000W	Round Tube 20-320mm (According Client Demand)
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
0.8mm-25mm	±0.05mm/m	±0.03mm/m

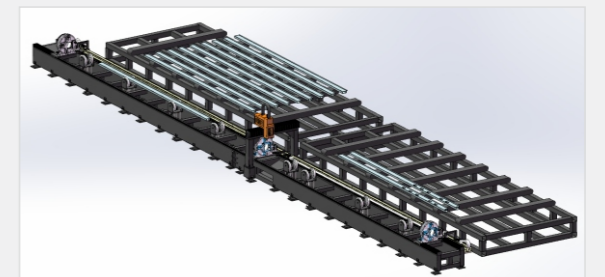
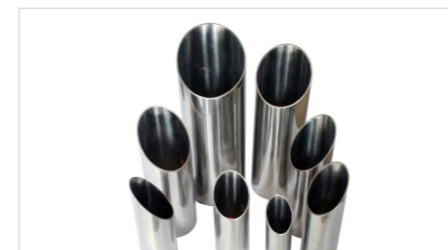
## EQUIPMENT CHARACTERISTICS

- Special laser cutting machine for pipe  
(the patent number: 202020058847.6)



- Automation auxiliary equipment

## SAMPLE SHOWING



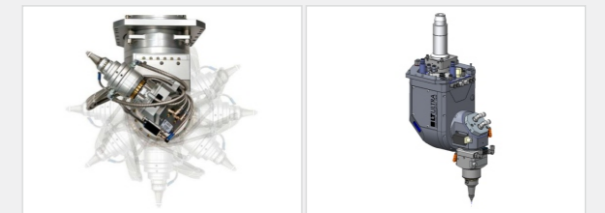
# Heavy Duty Tube Laser Cutting Machine

## SC-FG



### EQUIPMENT CHARACTERISTICS

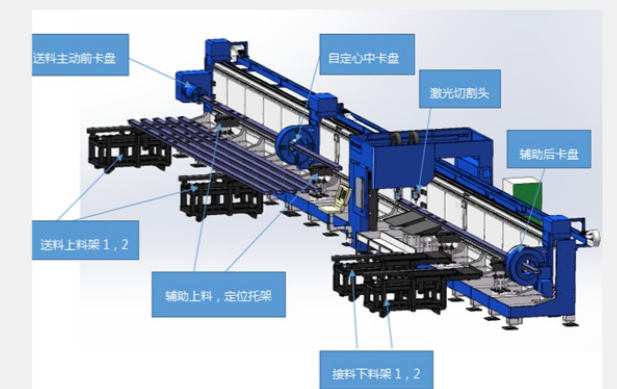
- Ultra-large, ultra-long, over-weight



- Automation auxiliary equipment

### SAMPLE SHOWING

Pipe Length	Laser Power	Tube Range
6m-12m (According Client Demand)	3000W/4000W/6000W/8000W	Round Tube 20-350mm (According Client Demand)
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
0.8mm-25mm	±0.05mm/m	±0.05mm/m



# Coil Laser Cutting Machine

## SC-FJ



### EQUIPMENT CHARACTERISTICS

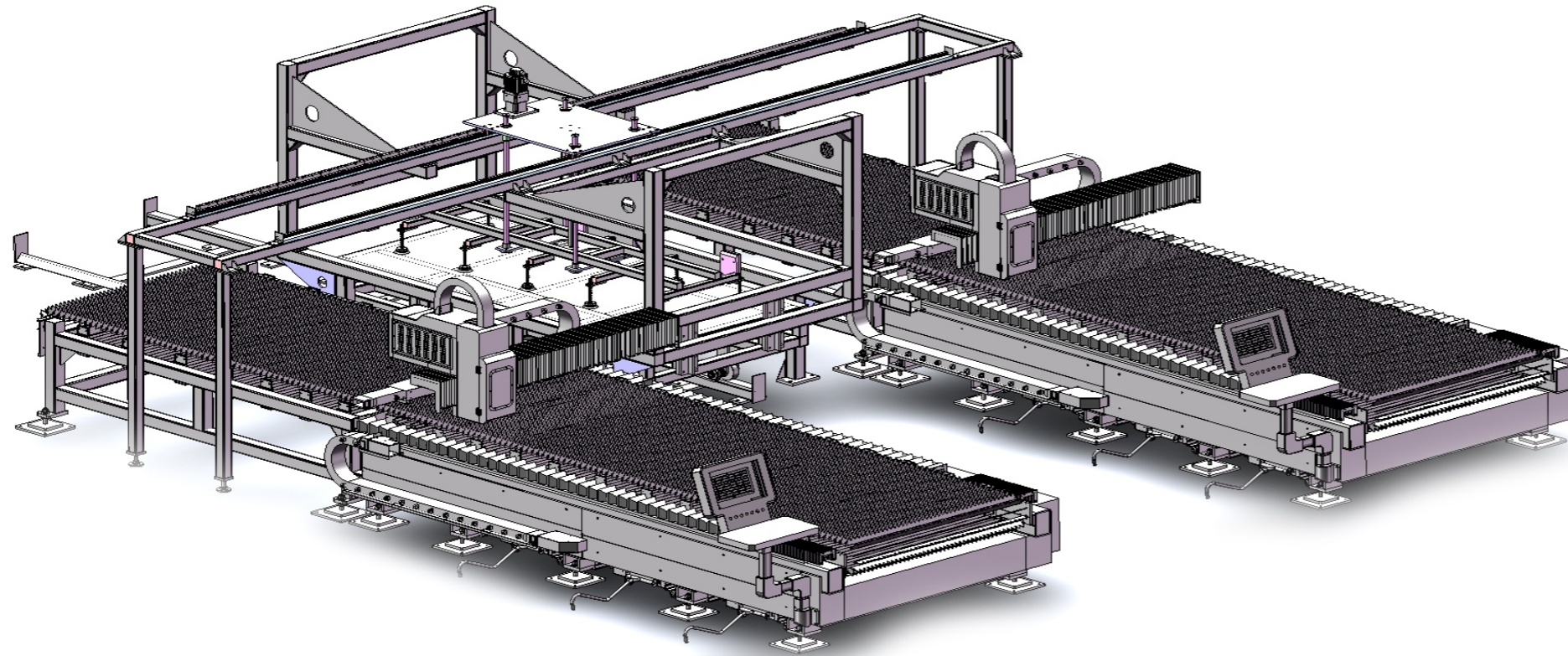
- Flexible on-line machining

Worktable Size		Laser Power	
4000mm × 1500mm 6000mm × 1500mm		2000W\3000W\4000W\6000W\8000W 12000W\15000W	
Maximum Cutting Range	Position Accuracy	Reposition Accuracy	
0.5mm-60mm	±0.03mm/m	±0.02mm/m	

### Industry Application Case



SC-FL



EQUIPMENT CHARACTERISTICS

- Fully automatic control Dual machine linkage
- Efficient cutting

Industry Application Case



Worktable Size		Laser Power
4000mm × 1500mm 6000mm × 1500mm		1000W\1500W\2000W\3000W
Maximum Cutting Range	Position Accuracy	Reposition Accuracy
0.5mm-20mm	±0.03mm/m	±0.02mm/m

# Handheld Laser Welding Machine



## EQUIPMENT CHARACTERISTICS

- Independent design Patented product
- Touch screen controlled welding system



## SAMPLE SHOWING



## Advantages of laser welding

- The penetration depth and welding width are adjustable.
- The welding machine has high efficiency.
- The welding heat affected area and the deformation are very small.

Welding Thickness	Laser Power	Welding Width Requirement
0.5-5mm	1000W\1500W\2000W	<0.5mm
Entire Machine Power	Optional Accessibility	Dimension
<7KW/<9KW/<11KW	wire feeder, mechanical arm	1190mm*670mm*1120mm



Model: SC-FE Robot Cutting or Welding Machine  
 Laser power: 1500W/ 2000W  
 3000W/ 6000W  
 Laser source: IPG/ Raycus  
 Reposition accuracy :  $\pm 0.10$ mm  
 Laser source: 1.45-2.65M  
 Cooling way: Water cooling  
 Power: AC380V  $\pm 5\%$  / 50HZ  
 Installation: Front installation/  
 Inverted Installation

Handheld laser welding machine can be widely used in cabinets, kitchens, staircases, elevators, racks, ovens, stainless steel doors and windows guardrail, distribution boxes, stainless steel home and other industries complex and irregular welding process.



EQUIPMENT CHARACTERISTICS

Move with nature and stop at will

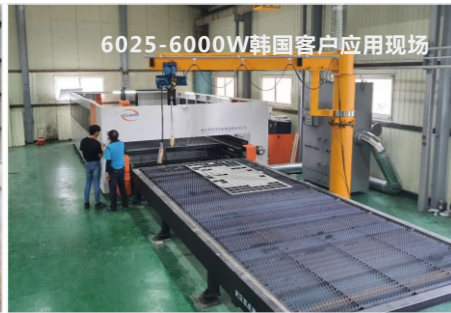
Tailor-made, do what you want



# Application Cases



12025-12000W应用现场



6025-6000W韩国客户应用现场



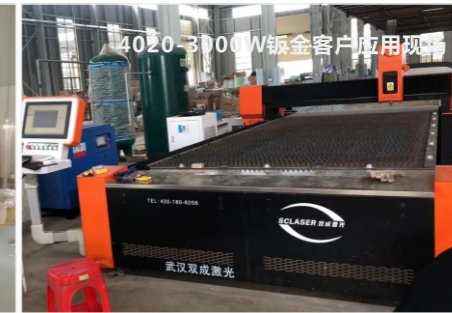
12米三卡盘3000W切管应用现场



13米超大幅面8000W应用现场



12米超大幅面6000W应用现场



4020-3000W钣金客户应用现场



4020-3000W钣金客户应用现场



9米三卡盘切管应用现场



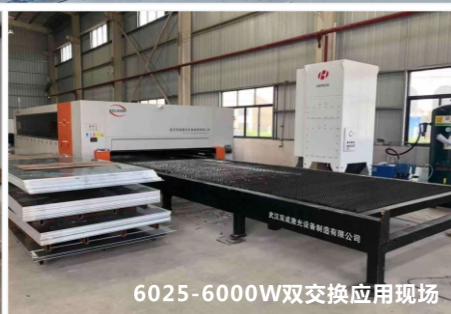
13米15000W加工市场应用现场



三维机器人焊接客户现场



4020-3000W双交换应用现场



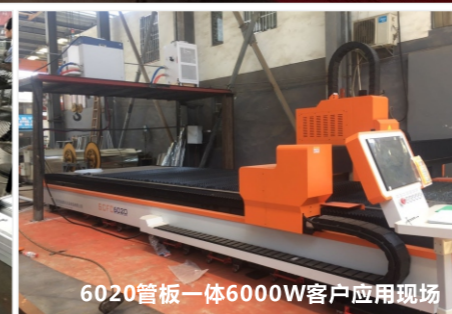
6025-6000W双交换应用现场



9025-4000W双交换应用现场



手持激光焊接客户应用现场



6020管板一体6000W客户应用现场



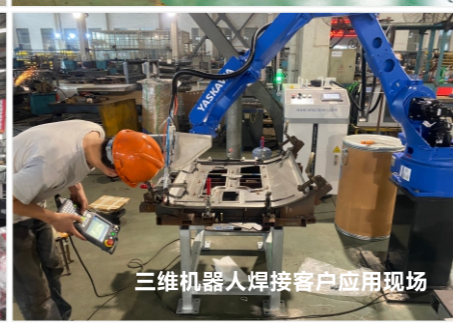
9米三卡盘切管机韩国客户应用现场



6020管板一体3000W应用现场



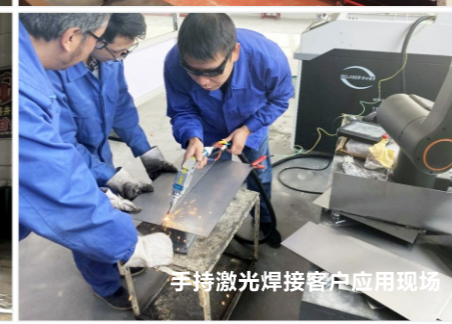
8025-12000W客户应用现场



三维机器人焊接客户应用现场



6025-12000W客户应用现场



手持激光焊接客户应用现场



# Letters Patent

# Cooperative Customer

