

TONGXING GROUP IMAGES



**United Intelligence CNC Industrial Park A&B**  
It covers 352 units of area(236000 m<sup>2</sup>)/ construction area of 210000 m<sup>2</sup>  
Put into operation in September of 2015  
Located at Huainan boulevard and fenglin road intersection Hefei city,  
Anhui province, China



**Tongxing Factory**  
It covers 13 units of area(8700m<sup>2</sup>)/ construction area of 5000m<sup>2</sup>  
Put into operation in April of 2004  
Located at NO.30 fenglin boulevard,  
shuangfeng developing area, Hefei



**Suda Factory**  
It covers 70 units of area(47000 m<sup>2</sup>)/ construction area of 25000 m<sup>2</sup>  
Put into operation in October of 2009  
Located at NO.62 fenglin boulevard,  
shuangfeng developing area, Hefei



**Siwei Factory**  
It covers 50 units of area(33600 m<sup>2</sup>)/ construction area of 18000 m<sup>2</sup>  
Put into operation in June of 2010  
Located at Linxi east road,  
Luyang developing area, Hefei



Workshop inside



TONGXING TECHNOLOGY DEVELOPMENT CO.,LTD

ADD: Intersection of Huainan road and Huaihai Avenue , Shuangfeng developing area ,Hefei, China.  
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V.24.01

**SUDA<sup>®</sup>**  
**2025 NEW PRODUCT**

Engraving | Cutting | Welding | Cleaning | Bending | Automation

National High-Tech Enterprise  
Famous trademark of Anhui Province  
Double software enterprise of Anhui Province



The Global SUDA

TONGXING Technology Development Co.,Ltd established in 1992,lies in HEFEI --One of Chinese scientific and technological cities.We have been working on researching and manufacturing CNC machinery in field of woodworking,stone engraving,metal processing,glass cutting and advertising etc. for over 20 years. The main products: Heavy moving column CNC machining center,Heavy static column CNC machining center,High accuracy metal cutting machines,High precision fiber laser machine,Vanguard series CNC engravers, Multistage CNC machine center,SUDA high accuracy CNC engraver, SUDA laser cutting machine,fiber cutting machine,totally 23 series ,more than 100 models. The sales net not only covers all Chinese provinces and municipalities,including HongKong,Taiwan&Macao,also the products are exported to more than 120 countries and regions such as Europe,America,Middle-east,South-east Asia etc.

Development History

- 1992.10.established TONGXING TECHNOLOGY DEVELOPMENT CO.,LTD
- 1999. The first engraving machine is listed on the market
- 2001. Products exported to the overseas market
- Since 2007, it has been recognized as a national high-tech enterprise until now
- 2011. The SUDA trademark was awarded the famous trademark of Anhui province and the famous brand product of Anhui province.
- 2012. The key technology research and development project of CNC engraving and milling machine based on laser positioning was awarded two prizes of Anhui science and technology progress.
- 2013. Construction of Anhui Union intelligent equipment Industrial Park and Engineering Technology Research Center in SHUANGFENG developing area, only biggest fiber laser and cnc machinery production base in China
- In 2012, Our project on Key Technology Development for CNC Milling Machining Center based on laser positioning was awarded second prize for scientific and technological progress in Anhui.

A Part Of Enterprise Honor Certificates



CE certificate



FDA Certificate

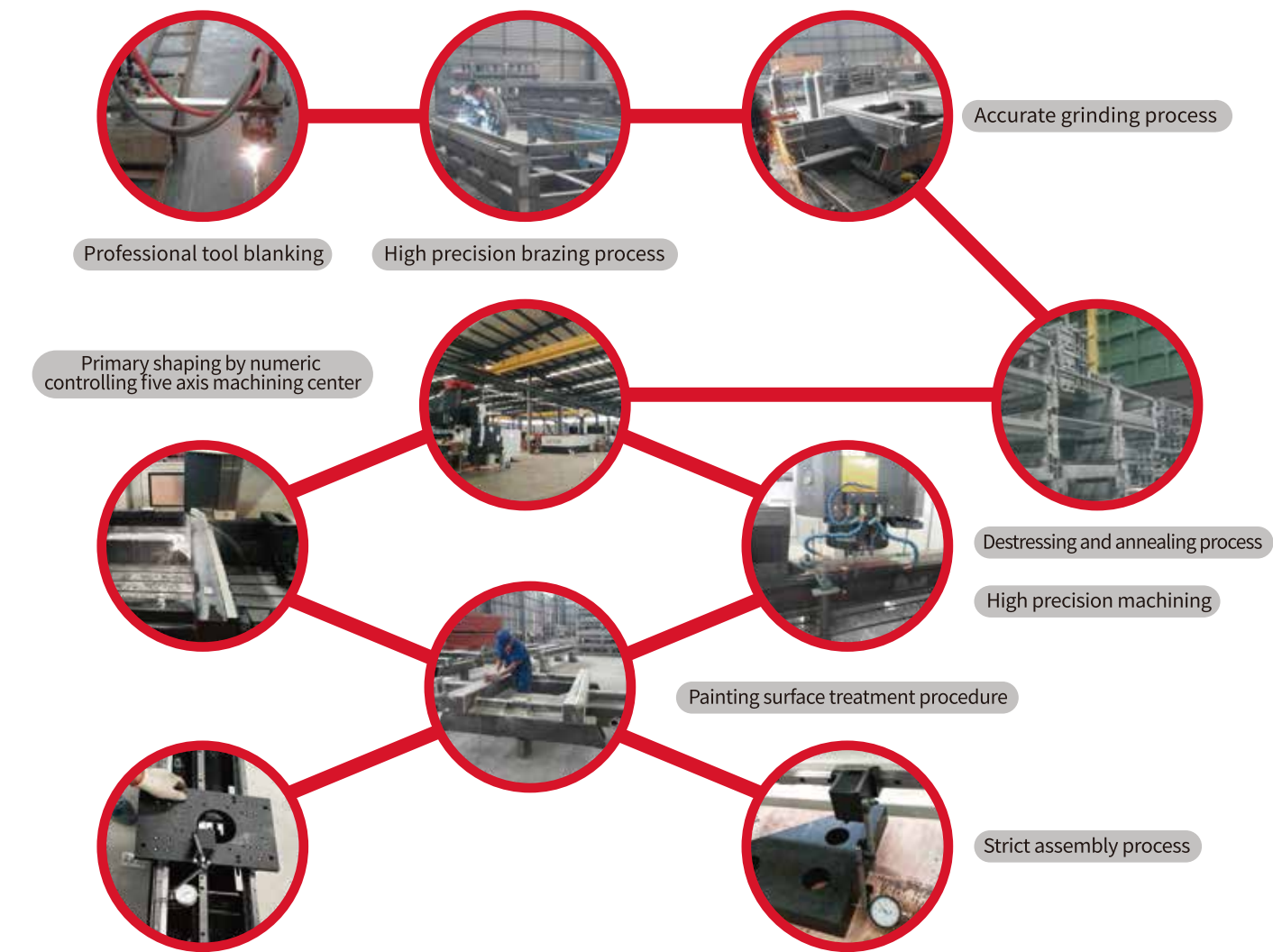


Multiple operation machine center of patent of invention



STRICT PRODUCTION AND TESTING PROCEDURE

SINCE 1992



The largest manufacturer of CNC routers and fiber laser cutting machines in China, to build the domestic first-class intelligent equipment industry base.





# SUDA Ultra Power Laser Cutting Machine FV PRO Series

2025  
NEW ARRIVAL  
FV PRO-6025DH



## Model Features

Machine Structure	Heavy-duty machine body with firm structure, treated by CNC high-temperature tempering and graphite table
Linear Rail	Japan THK linear rail
Rack Gear	Korea LEADRACK
Laser Generator	IPG,SUDA,Raycus,MAX,GW(Optional)
Servo System	EtherCAT Yaskawa/Schneider/Delta Servo (Optional)
Control System	Hypcut/SUDA Customization /Cypcut System (Optional)
Laser Cutting Head	Precitec/SUDA/Boci Auto Focus laser cutting head (Optional)
Chiller	S&A
Exhaust System	Exhaust Fan
Cover Structure	All covered with anti-fire material
Exchange Table	Exchange by chain, frequency conversion drive
Double Screen	27 inch with camera

## Application

- ◆ The application of ultra power laser cutting machine spans various industries, including manufacturing, aerospace, automotive, electronics, medical devices, defense, and energy.
- ◆ With their high power and precision, these devices play a crucial role in cutting metals, welding intricate structures, producing electronic components, manufacturing aerospace parts, and serving as key tools in the medical and defense sectors.
- ◆ They provide efficient, flexible, and precise metal processing solutions across diverse fields.

## Technical Data

Machine Model	FV PRO
Working Area	3015/4015/6015/4020/6020/8025
Transmitting Way	XY axis transmitting by Korea grinding rack with Shimpo flange reducer, Z axis transmitting by grinding rolling ball screw
Laser Power	20000W-40000W
Cooling Way	Dual temperature dual control industrial chiller
Reposition Accuracy	±0.05mm
Max Cutting Speed	150m/min
Max Acceleration	1.5G
Max Loading	10000kg
Power Supply	380v 3phase 50-60HZ

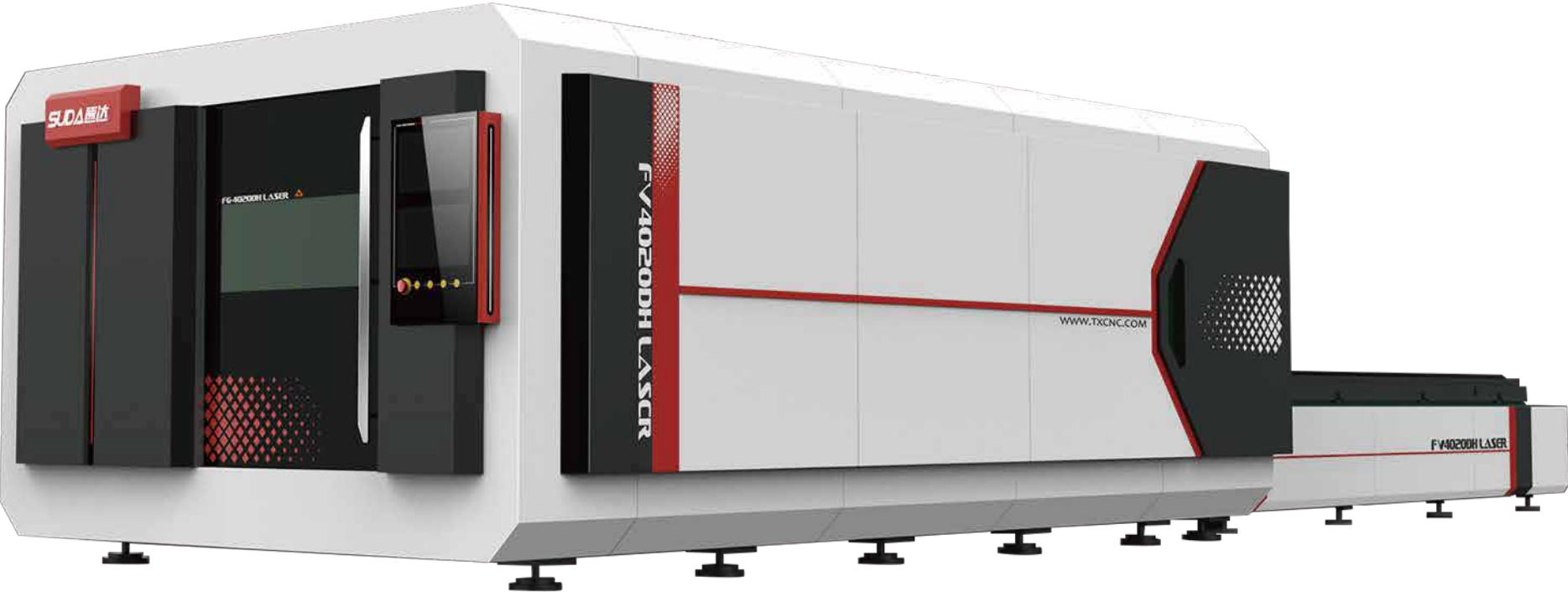
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## Cooperation Partner



# SUDA Heavy Duty Laser cutting Machine FV Series

2025  
NEW ARRIVAL  
FV-4020DH



### Model Features

- ◆ Adopt industrial heavy-duty machine body with firm structure, treated by CNC high-temperature tempering and stress-relieving, ensuring no deformation after long-term using, suitable for high-powered laser source operation.
- ◆ The whole processing by CNC large-scale pentahedron machining center, including milling, drilling, tapping and other processes, it is able to improve the assembly accuracy of the machine body effectively, and ensure the running progress and stability of the equipment.
- ◆ All axis adopt Japan THK high-precision linear guide rail to ensure smooth operation, having the features of wear-resistant and dust-proof, and it is equipped with automatic oil lubrication system.
- ◆ X/Y axis adopts Korea Leadrack high-precision grinding rack, Z-axis is equipped with high-precision grinding screw. The grinding gear and grinding screw ensure higher precision of the equipment.
- ◆ X/Y axis is equipped with Japan Shimpo flange reducer, which is faster and more stable at high speed.
- ◆ Dual-screen display, self-contained monitoring device, could conduct in-time monitoring for working platform and switching platform; also have the function of warning protection.
- ◆ Adopting auto-focusing cutting head, quick response and high positioning accuracy.
- ◆ Equipped with large enclosed structure with integral fireproof steel material; having high safety level graphite platform in the processing area.
- ◆ Equipped with a partitioned smoke exhaust system to automatically switch the smoke exhaust district for better smoke evacuation.
- ◆ Optical fiber transmission, flexible processing, realizing equal quality cutting at any point.

### Application

- ◆ Widely applicable across industries such as advertising machinery, electrical equipment, lighting hardware, advertising signage, automotive components, display equipment, various metal product manufacturing, sheet metal cutting, and other sectors like decoration and kitchen appliances.

### Technical Data

Machine Model	FV3015DH	FV4020DH	FV6020DH	FV6025DH	FV8025DH
Working Area	1500*3000mm	2000*4000mm	2000*6000mm	2500*6000mm	2500*8000mm (Customized Size Supported)
Transmitting Way	XY axis transmitting by Korea grinding rack with Shimpo flange reducer, Z axis transmitting by grinding rolling ball screw				
Laser Power	12000W-20000W				
Laser Source	IPG,SUDA,Raycus,MAX,GW(Optional)				
Cooling Way	Dual temperature dual control industrial chiller				
Cover Structure	All covered with anti-fire material				
Exchange Table	Exchange by chain, frequency conversion drive				
Power Supply	380v 50~60hz 3p				

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### Cooperation Partner



# SUDA Industrial Model Laser Cutting Machine **FG PRO Series**

**2025**  
NEW ARRIVAL  
**FG3015DH PRO**



**SUDA®**

### Model Features

- ◆ The use of 10,000-watt industrial heavy bed with fireproof brick , strong structure, CNC high temperature tempering stress treatment.
- ◆ Three-axis adopts Japan THK high-precision linear square guide rail, smooth running, wear-resistant and dust-proof, and equipped with automatic oil supply.
- ◆ XY axis adopts Korean high precision grinding rack, Z axis is equipped with high precision grinding screw, the equipment accuracy is higher.
- ◆ Industrial optical fiber cutting system, support automatic focus,refueling platform, scanning cutting, leapfrog function,automatic edge seeking, common edge cutting, follow up control and more functions.
- ◆ Three axes using AC servo drive system, large torque, good stability, better performance.
- ◆ Dual screen display, own monitoring device, work platform and exchange work platform real monitoring, early warning protection.
- ◆ Adopt German Precitec laser cutting head, adjust the height response is fast, high positioning accuracy, optional Swiss Raytools laser.
- ◆ Equipped with large enveloping structure, the whole fireproof steel material high safety level.
- ◆ Equipped with high-speed and efficient automatic refuelling device, frequency conversion transmission, and equipped with chain protection device.

### Application

- ◆ Widely used in various metal sheet with high-precision and high-speed cutting, such as stainless steel, carbon steel, manganese steel,galvanized sheet, alloy sheet and rare metals.

### Technical Data

Machine Model	FG3015DH PRO	FG4020DH PRO	FG6020DH PRO	FG6025DH PRO	FG8025DH PRO
Working Area	1500*3000mm	2000*4000mm	2000*6000mm	2500*6000mm	2500*8000mm (Customized Size Supported)
Transmission Mode	XY axis adopts Korean rack, Z axis grinding screw, Japan Shimpo reduce				
Laser Brand	IPG,SUDA,Raycus,MAX,GW(Optional)				
Laser Power	6000W-12000W				
Cooling Method	Dual temperature dual control chiller				
Large Bounding Structure	Fireproof material integral surround				
Cutting Thickness	Depends on the materials and the laser power				
Voltage	380v/50-60hz				

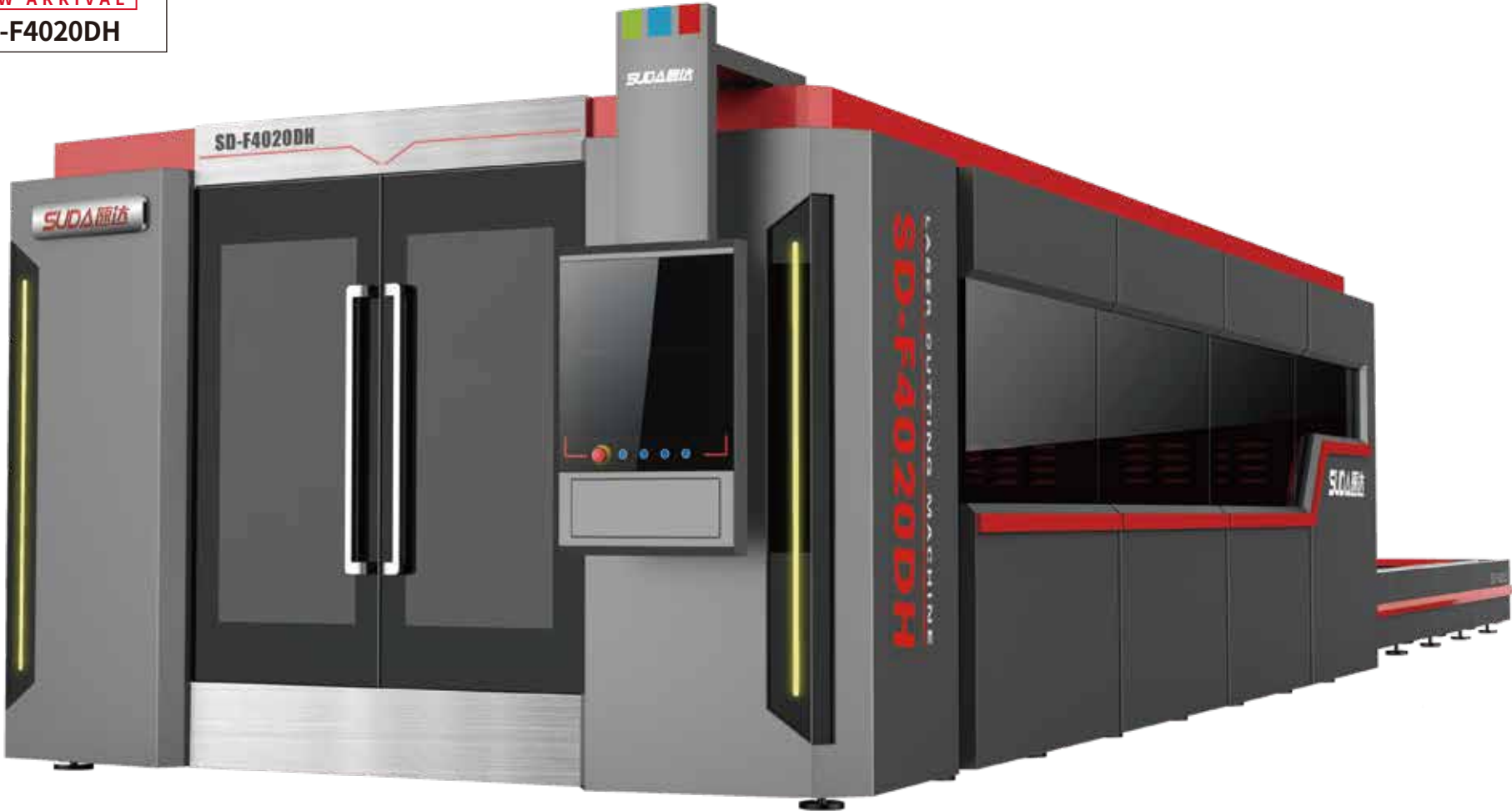
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### Cooperation Partner



# SUDA Common Full Cover Laser Cutting Machine SD-F Series

2025  
NEW ARRIVAL  
SD-F4020DH



### Model Features

- ◆ Adopt industrial heavy-duty machine body with firm structure, treated by CNC high-temperature tempering and stress-relieving.
- ◆ XY axis adopts Korea Leadrack high-precision grinding rack, Z-axis is equipped with high-precision grinding screw.
- ◆ XY axis is equipped with Japan Shimpo reducer, which is faster and more stable at high speed.
- ◆ Adopt CYPCUT industrial optical fiber cutting system, supporting auto focus, material exchanging platform, scanning cutting, automatic edge cutting, etc.
- ◆ Cantilever control cabinet display, can be freely moved manually, which is more convenient for operation.
- ◆ XY axis Well-known brand AC servo drive system, strong torque, higher performance.
- ◆ The whole intelligent pneumatic system adopts Japan SMC complete sets, including proportional valves, electromagnetic valves, one-way valves, etc.
- ◆ Equipped with a partitioned smoke exhaust system to automatically switch the smoke exhaust district for better smoke evacuation.

### Application

- ◆ Our cutting services cater to a wide array of sectors including advertising decoration, kitchen appliances, mechanical equipment, electrical equipment, lighting hardware, advertising signs, auto parts, display equipment, various metal products, and sheet metal cutting.

### Technical Data

Machine Model	SD-F3015DH	SD-F4020DH	SD-F6020DH	SD-F6025DH	SD-F8025DH
Working Area	1500*3000mm	2000*4000mm	2000*6000mm	2500*6000mm	2500*8000mm (Customized Size Supported)
Transmitting Way	XY axis transmitting by Korea grinding rack with Shimpo flange reducer, Z axis transmitting by grinding rolling ball screw				
Laser Source	IPG,SUDA,Raycus,MAX,GW(Optional)				
Laser Power	1500W-12000W				
Cooling Way	Dual temperature dual control industrial chiller				
Cover Structure	All covered with anti-fire material				
Exchange Table	Exchange by chain, frequency conversion drive				
Power Supply	380V/50~60Hz				

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### Cooperation Partner





# SUDA Compact Laser Cutting Machine SD-F3015D

2025  
NEW ARRIVAL  
SD-F3015D



### Model Features

- ◆ Full table can be pushed out, which is much easier for loading and unloading.
- ◆ Adopt table supporting leg, heavier table loading weight up to 1000KG.
- ◆ Equipped camera monitor, visualization of cutting process, implementation of understanding of machining progress and process.
- ◆ Brand new model for compact purpose, adopt enclosed cover with one removable countertop.
- ◆ The doors adopt an upward lifting style, making loading and unloading more convenient.
- ◆ Adopt CYPCUT industrial optical fiber cutting system, supporting auto focus, material exchanging platform, scanning cutting, automatic edge cutting, etc.
- ◆ Adopting Well-known brand auto-focusing cutting head, quick response and high positioning accuracy.
- ◆ Equipped with a partitioned smoke exhaust system to automatically switch the smoke exhaust district for better smoke evacuation.

### Application

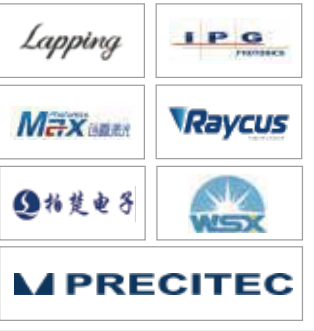
- ◆ Precision cutting of diverse metal plates, specializing in the swift and accurate processing of stainless steel, carbon steel, manganese steel, galvanized sheets, assorted alloy plates, rare metals, and more.
- ◆ Widely used in kitchen appliances, mechanical equipment, electrical equipment, lighting hardware, advertising signs etc.

### Technical Data

Machine Model	SD-F3015D	SD-F4020D	SD-F6020D	SD-F6025D	SD-F8025D
Working Area	1500*3000mm	2000*4000mm	2000*6000mm	2500*6000mm	2500*8000mm (Customized Size Supported)
Laser Source	IPG,SUDA,Raycus,MAX,GW(Optional)				
Laser Power	1500W-12000W				
Cooling Way	Dual temperature dual control industrial chiller				
Cover Structure	All covered with anti-fire material				
Table	Removable countertop				
Power Supply	380V/50~60Hz				

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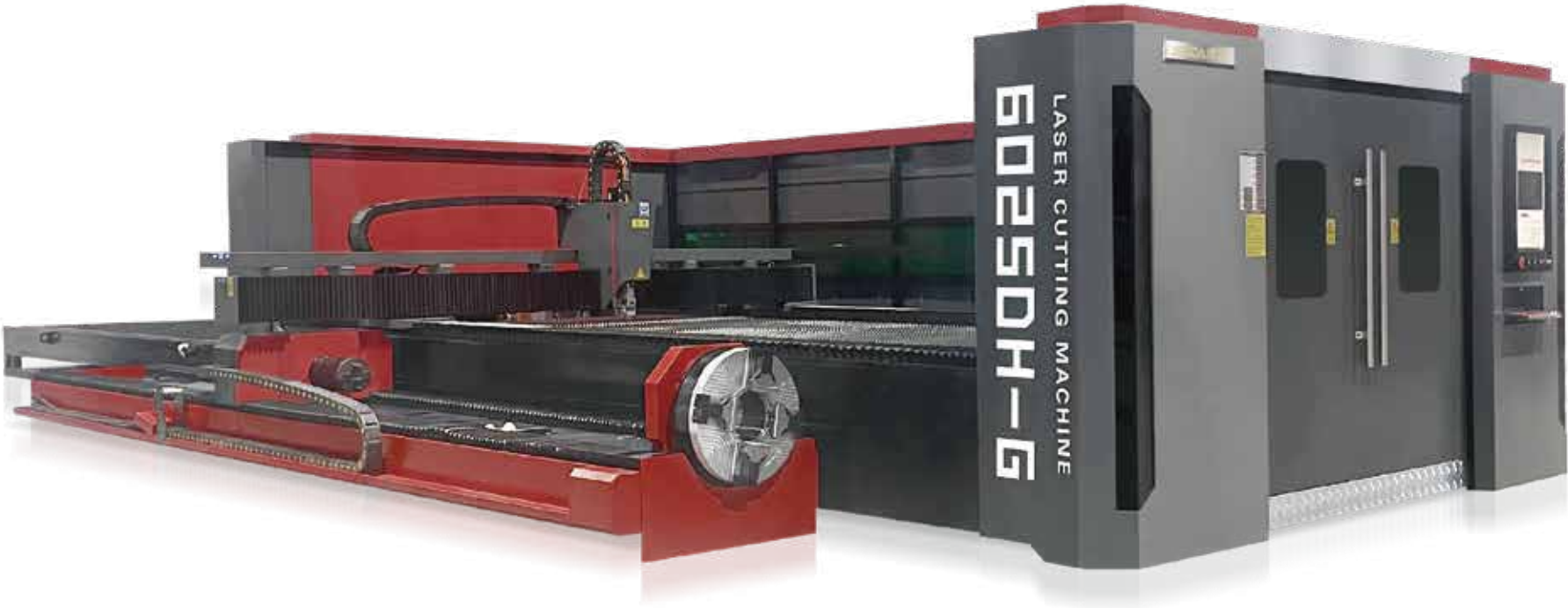
### Cooperation Partner



PRECITEC

# SUDA More Function Full Cover With Pipe Cutting 6025DH-G

2025  
NEW ARRIVAL  
6025DH-G



### Model Features

- ◆ Adopting industrial heavy-duty steel structure design, combined welding mode of plate steel and square tube steel, processed by CNC low-temperature tempering to ensure long-term use without deformation.
- ◆ Adopting China top brand DAIRUIKE Dual pneumatic chucks. Material clamping diameter from 10-220mm as standard (can optional other model and size)
- ◆ Four-axis adopts France Schneider AC servo drive system.
- ◆ Equipped with non-contact automatic following function, ensuring the best focal length and cutting effect.
- ◆ Adopting fiber optic transmission and flexible processing, equal quality cutting can be achieved at any point.
- ◆ Equipped with a dual temperature and dual control professional chiller, with fast cooling speed and higher laser conversion rate.
- ◆ Compatible with multiple software, can freely design various graphics or text for instant cutting, with simple, flexible, and convenient operation.
- ◆ Adopt Shanghai CYP CUT 3000S series professional pipe cutting system to support cycle processing, high precision of software operation.

### Application

- ◆ Can cut steel pipes, stainless steel pipes, aluminum pipes, galvanized pipes, channel steel, angle steel, etc.
- ◆ Widely used in various metal material processing and manufacturing industries such as sheet metal processing, aerospace, aviation, electronics, electrical, high-speed rail and subway parts, automotive parts processing, mechanical equipment, ships, metallurgical equipment, etc.

### Technical Data

Machine Model	3015DH-G	4015DH-G	4020DH-G	6020DH-G	8025DH-G
Working Area	1500*3000mm	1500*4000mm	2000*4000mm	2500*6000mm	2500*8000mm (Customized Size Supported)
Pipe Length	6000-12000mm(Optional)				
Pipe Diameters	10-220mm(Optional)				
Laser Brand	IPG,SUDA,Raycus,MAX,GW(Optional)				
Laser Power	1500W-12000W				
Cooling Method	Dual temperature dual control chiller				
Reposition Accuracy	±0.05mm				
Voltage	380v/50-60hz				

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Any working size or various specifications can be produced according to special requirement.

### Cooperation Partner



PRECITEC



# SUDA Ultra Size Format Floor Rail SD12030U Series

2025  
NEW ARRIVAL  
SD12030U



SUDA®

## Model Features

Machine Structure	Heavy-duty machine body with firm structure, treated by CNC high-temperature tempering The machine bed is made of several sections and allows to be customized as needed for infinite splicing machine beds. Cutting large-format sheet will be easily handled.
Linear Rail	Japan THK linear rail
Rack Gear	Korea LEADRACK
Laser Generator	IPG,SUDA,Raycus,MAX,GW(Optional)
Servo System	EtherCAT Yaskawa/Schneider/Delta Servo
Control System	CYPCUT/Weihong/Hypcut
Laser Cutting Head	WSX/Raytools/Precitec/Boci Auto Focus laser cutting head

## Application

- ◆ Suitable for ultra size material processing with higher power,widely used in metal fabrication,constructions, energy and mining industry, advertising etc .

## Technical Data

Machine Model	Floor Rail Series-Ultra Size Format		
Working Area	12000*2500/3000/3500mm	14000*2500/3000/3500mm	26000*2500/3000/3500mm
Bevel Cutting Head(Optional)	0-45°bevel cutting, including V bevels, X bevels, bevels		
Transmitting Way	XY axis transmitting by Korea grinding rack with Shimpo flange reducer, Z axis transmitting by grinding rolling ball screw		
Laser Power	12000W-60000W		
Cooling Way	Dual temperature dual control industrial chiller		
Reposition Accuracy	±0.05mm		
MAX Cutting Speed	60m-80m/min		
Max Acceleration	0.5G		
Max Loading	10000kg		
Graphic Format Supported	AI, PLT, DXF, BMP, Dst, Dwg, LAS, DXP		
Power Supply	380v 3phase 50-60HZ		

## Cooperation Partner



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# SUDA Fiber Laser Cutting Machine

## SD Series F6000

2025  
NEW ARRIVAL  
SD-F6000-3015



SUDA®

### Model Features

- ◆ Industrial independent cabinet, Separation of strong and weak electricity.
- ◆ Use industrial steel welding machine under heat treatment, Ensure that the machine body will not be deformation after long time using, more durable.
- ◆ The 5-Axis gantry CNC milling machine Center, including milling,drilling,taping and other processes,one time complete,improves the assembly accuracy,En- sure the operating accuracy and stability of the equipment
- ◆ 3-Axis adopts Taiwan Lapping linear rail, Running smoothly,Wear-resistant and dust-proof
- ◆ X/Y Axis adopts grinding rack, equip with high precision reducer, Z axis adopt grinding screw
- ◆ X/Y/Z Axis adopt Taiwan delta AC servo driver system
- ◆ Equipped with professional CNC Laser Control System
- ◆ Well-known laser cutting head like WSX/Raytools,High-sensitivity optical lens, small spot, fine cutting lines, better processing quality and high work efficiency
- ◆ Optical fiber transmission, flexible processing, can achieve equal quality cutting at any point.
- ◆ Compatible with different software, Various graphics or text can be designed according to your requirements, and the instant cutting operation is simple, convenient and flexible.

### Application

- ◆ Applicable field: can be used for various metal sheet processing, mainly applicable for high-speed and high-precision cutting of stainless steel, carbon steel, manganese steel, galvanized sheet, alloy sheet and rare metal materials
- ◆ Applicable industries: hotel kitchen equipment, hardware products, automobile manufacturing, mechanical equipment, display equipment, precision parts, electrical equipment, elevator equipment, lighting hardware, automobile decoration and other industries

### Technical Data

Machine Model	SD-F6000-3015	SD-F6000-4015	SD-F6000-6015	SD-F6000-4020	SD-F6000-6020	SD-F6000-6025
Working Area	1500*3000mm	1500*4000mm	1500*6000mm	2000*4000mm	2000*6000mm	2500*6000mm
Laser Medium	Fiber Laser					
Laser Power	1500W-6000W					
Min Route Width	0.1mm					
Reposition Accuracy	±0.05mm					
Cooling Method	Dual temperature dual control water cooling					
Voltage Requirement	220v/380v 50-60hz					

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### Cooperation Partner



# SUDA Fiber Laser Cutting Machine

## SD Series F3000

2025  
NEW ARRIVAL  
SD-F3000-3015



### Model Features

- ◆ Industrial independent cabinet, Separation of strong and weak electricity.
- ◆ Use industrial steel welding machine under heat treatment, ensure that the machine body will not be deformation after long time using, more durable.
- ◆ The 5-Axis gantry CNC milling machine Center, including milling,drilling,taping and other processes,one time complete,improves the assembly accuracy, Ensure the operating accuracy and stability of the equipment
- ◆ 3-Axis adopts Taiwan Lapping rail, Running smoothly , Wear-resistant and dust-proof
- ◆ X/Y Axis adopts grinding rack, equip with high precision reducer, Z axis adopt grinding screw
- ◆ X/Y/Z Axis adopt With HCFA / INNOVANCE AC servo driver system
- ◆ Equipped with professional CNC Laser Control System
- ◆ Well-known laser cutting head like WSX/Raytools,High-sensitivity optical lens, small spot, fine cutting lines, better processing quality and high work efficiency
- ◆ Optical fiber transmission, flexible processing, can achieve equal quality cutting at any point.
- ◆ Compatible with different software, Various graphics or text can be designed according to your requirements, and the instant cutting operation is simple, convenient and flexible.

### Application

- ◆ Widely used in sheet metal processing, production of adverting signs, kitchenware, hardware, lighting hardware, saw blade, eyes, machinery parts and other industries.

### Technical Data

Machine Model	SD-F3000-3015	SD-F3000-4015	SD-F3000-6015	SD-F3000-4020	SD-F3000-6020	SD-F3000-6025
Working Area	1500*3000mm	1500*4000mm	1500*6000mm	2000*4000mm	2000*6000mm	1500*6000mm
Laser Medium	Fiber Laser					
Laser Power	1500W-3000W					
Min Route Width	0.1mm					
Reposition Accuracy	±0.05mm					
Cooling Method	Dual temperature dual control water cooling					
Voltage Requirement	220v/380v 50-60hz					

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### Cooperation Partner





# SUDA Fiber Laser Cutting Machine For Sheet & Pipe SD Series F3000G

2025  
NEW ARRIVAL  
SD-F3000G-3015



### Model Features

- ◆ Use industrial steel welding machine under heat treatment, ensure that the machine body will not be deformation after long time using, more durable
- ◆ The 5-Axis gantry CNC milling machine center, including milling,drilling,taping and other processes,one time complete , improves the assembly accuracy, Ensure the operating accuracy and stability of the equipment
- ◆ 3-Axis adopts Taiwan lapping and Japan SMG linear rail, running smoothly , Wear-resistant and dust-proof
- ◆ X/Y Axis adopts grinding rack, Equip with high precision reducer axis adopt grinding screw
- ◆ X/Y/Z Axis adopt AC servo driver system, Stronger torque, faster speed and smoother
- ◆ Equipped with professional CNC Laser Control System, more easier for computer operation
- ◆ WSX/Raytools laser cutting head well-known , High-sensitivity optical lens, small spot, fine cutting lines, better processing quality and high work efficiency
- ◆ With non-contact automatic follow-up function to ensure the best focal length and cutting effect
- ◆ Optical fiber transmission, flexible processing, can achieve equal quality cutting at any point
- ◆ Equip with Dual-temperature dual-control professional chiller, fast cooling performance, more stable photoelectric conversion rate
- ◆ Compatible with different software, Various graphics or text can be designed according to your requirements, and the instant cutting operation is simple, convenient and flexible.

### Application

- ◆ It is suitable for sheet metal cutting, also can cut square tubes, round tubes, special-shaped tubes and other metal materials.
- ◆ Self-centering pneumatic chuck ensures stable material transmission and cutting quality.
- ◆ Synchronous servo transmission speed ratio chuck, cutting power balance, thick and thin material cutting will not be deformed by inertia.

### Technical Data

Machine Model	SD-F3000G-3015	SD-F3000G-4015	SD-F3000G-6015	SD-F3000G-4020	SD-F3000G-6020	SD-F3000G-6025
Working Area	1500*3000mm	1500*4000mm	1500*6000mm	2000*4000mm	2000*6000mm	2500*6000mm
Pipe Length	6000mm ( 9000mm/12000mm can be optional )					
Laser Power	1500W-6000W					
Pipe Diameters	10-220mm(120mm/280mm/350mm)					
Reposition Accuracy	±0.05mm					
Cooling Method	Dual temperature dual control water cooling					
Voltage Requirement	220v/380v 50-60hz					

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### Cooperation Partner

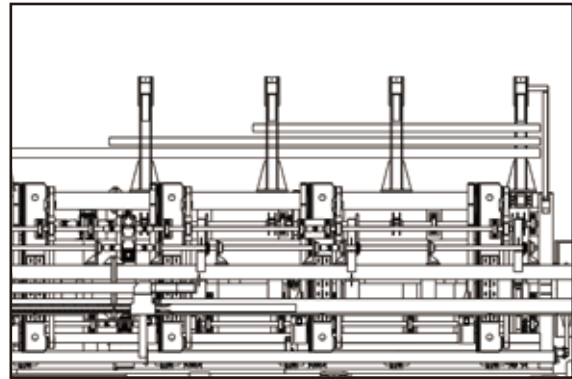


# SUDA Super Heavy Tube Laser Cutting Machine SD-AG Pro Series

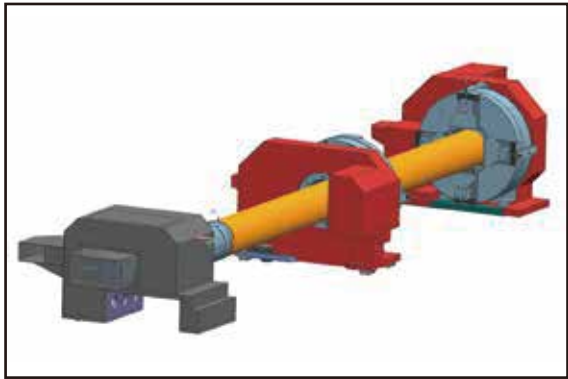


**2025**  
NEW ARRIVAL  
SD-AG12000

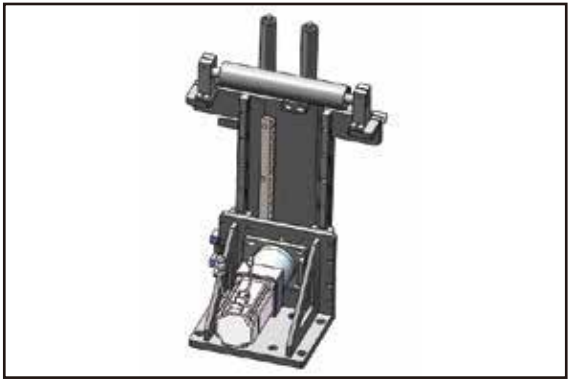
- Chuck Diameter Support  $\Phi$  120-520(Optional)
- Loading Capacity 200-1300KG
- Length: 6-12M or Customization
- Laser Power 3-12KW (Optional)



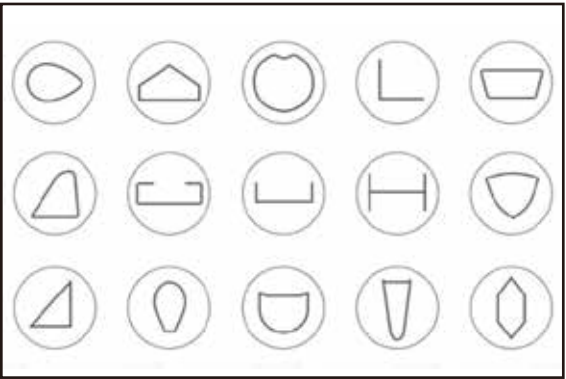
Automatic Tube Loader



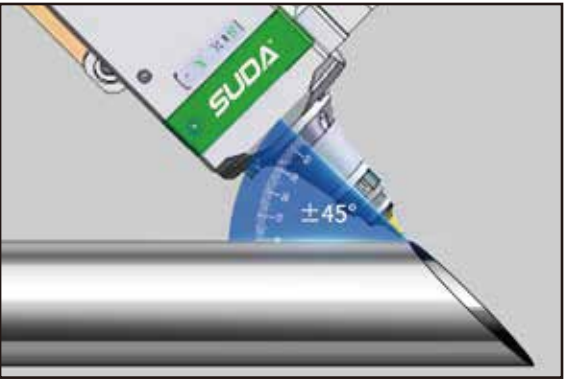
Three Chucks(China Top Brand), Zero Tailing



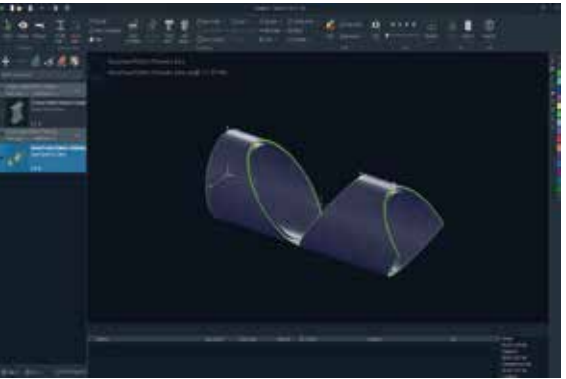
Flexible Floating Support Wheels



Support Special-Shaped Tube Cutting



Bevel Cutting Function(Optional)



Tube Nesting Software (Optional)

# SUDA High Speed Tube Laser Cutting Machine SD-AG Series

2025  
NEW ARRIVAL  
SD-AG6000



### Model Features

- ◆ Pneumatic Self-Centered Chuck to Ensure Speed and high Accuracy
- ◆ Advanced Laser Cutting System ensured the Stable Cutting
- ◆ Widely Used in different Industrial
- ◆ Can optional Automatic Tube Loader, Bevel Cutting, etc.

### Technical Data

Machine Model	SD-AG Series
Chuck Diameter	Dairuike Φ220; Φ240; Φ280; Φ320; Φ360; Φ380; Φ430; Φ520(Optional)
Number Of Chucks	Two chucks
Table Loading Capacity	200KG-1300KG
Maximum Processing Length	9M(customization)
Laser Power	1500W-6000W

Any changes of specifications or size without notice. (Configuration is subject to contract, weight is subject to actual machine delivered).  
Any working size or various specifications can be produced according to special requirement.

### Cooperation Partner





# SUDA Universal Metal Tube Laser Cutting Machine SD-G Series

2025  
NEW ARRIVAL  
SD-G6000



SUDA®

## Model Features

- ◆ Use industrial steel welding machine under heat treatment, ensure that the machine body will not have deformation after long time using, more durable
- ◆ The 5-Axis gantry CNC milling machine center, including milling,drilling,taping and other processes,one time complete , improves the assembly accuracy,
- ◆ Ensure the operating accuracy and stability of the equipment
- ◆ 3-Axis adopts Taiwan Lapping linear rail, running smoothly , Wear-resistant and dust-proof, automatic oil lubrication system standard;
- ◆ Professional pipe optical fiber cutting system, support cycle processing, humanized software operation
- ◆ X/Y/Z Axis adopt AC servo driver system, Stronger torque, faster speed and smoother, pipe deviation is automatically compensated.
- ◆ WSX/Raytools laser cutting head , High-sensitivity optical lens, small spot, fine cutting lines, better processing quality and high work efficiency
- ◆ Adopt DAIRUIKE Double pneumatic chuck, Material clamping diameter from 10-220mm as standard. (can optional other model and size)
- ◆ Equipped with floating support setting device, the long pipe cutting jitter is small, the cutting effect is better, and the precision is higher.
- ◆ Equipped with double material recovery channel, the tailings and finished products are separately received
- ◆ Adopted the Material reduction device, supporting long workpiece cutting, ensuring cutting effect.

## Application

- ◆ It is suitable for cut square tubes, round tubes, special-shaped tubes and other metal materials.
- ◆ Self-centering pneumatic chuck ensures stable material transmission and cutting quality.
- ◆ Synchronous servo transmission speed ratio chuck, cutting power balance, thick and thin material cutting will not be deformed by inertia.

## Technical Data

Model	SD-G6000
Tube Length	6000mm(supports 9000mm,12000mm)
Tube OD Range	10-220mm(supports120mm,280mm,350mm etc)
Laser Type	Fiber laser
Laser Power	1500W-6000W
Reposition Accuracy	±0.05mm
Minimum Linewidth	0.1mm

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## Cooperation Partner



# SUDA SD Series Handheld Laser Welding Machine

2025  
NEW ARRIVAL  
SD1500/2000/3000W



### Machine features

- ◆ This welding equipment can be used for complex and irregular welding of metal equipment, stainless steel households and other industries. The process of connecting; perfect replacement of traditional argon arc welding, electric welding in the welding of thin metal plates, iron plates, aluminum plates and other metal materials.
- ◆ The internal design is dexterous, and the good interactive control system expands the tolerance range of the machined parts and the width of the weld seam, solves the disadvantage of small laser beam and better weld formation.
- ◆ Light weight shape, the body engineering design method is adopted, and the grip is comfortable;easy to control, and the operation is simple and easy to use.
- ◆ With multiple safety alarms, it automatically locks light after removing the workpiece, ensure safety.
- ◆ The weld is beautiful, fast, no consumables, no weld seam, no discoloration, no need for post-grinding.
- ◆ A variety of angle nozzles can be configured to meet the welding needs of different products.

### Applications & Applicable Materials

- ◆ Used for welding all kinds of stainless steel mirror words, stainless steel brushed words, stainless steel spherical characters, stainless steel paint characters, stainless steel spray words, stainless steel solid words, stainless steel plating words, stainless steel gold foil words, precision stainless steel characters, titanium flat words. titanium spherical surface Word, Seiko Titanium Flat Copper, Spherical Copper, Copper, Copper Antique, Seiko Aluminum, Iron Paint (Stainless Steel, Iron, Low Carbon Steel), metal word welding.
- ◆ Lighting and mould industry, optoelectronic communication devices, medical, electronics. copper parts, aluminum parts and small welding processing industry.

Technical parameters			
Machine Model	SD1500W	SD2000W	SD3000W
Input Voltage	220V 50HZ		380V 50HZ
Laser Type	Fiber Laser Source		
Linewidth Adjustable Amplitude	0-4MM		
Output Power (Laser Power)	1500W	2000W	3000W
Output Laser Power Regulation Range	10%-100%		
Working Environment Temperature Range	15-35 C		
Welding Thickness	0.5-10mm		
Cable Length	10M(Optional 15M,20M)		
Welding Gap Requirements	≦0.5mm		

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# SUDA SD Series Handheld Laser Cleaning Machine

2025  
NEW ARRIVAL  
SD1500/2000/3000C



### Machine features

- ◆ Laser cleaning machine is a new generation of high-tech products for surface cleaning.
- ◆ No chemical reagents, which solves the problem of high storage cost and high risk of chemical reagents
- ◆ Fast cleaning speed, can clean hard-to-clean places
- ◆ No consumables, reduce costs
- ◆ Strong applicability, breaking through the limitations of traditional cleaning
- ◆ The cleaning head is light and can be operated by men and women
- ◆ No technical requirements, less worker requirements
- ◆ Laser cleaning machine is high efficiency, environmental protection, safety and reliability, almost no damage to the surface of the substrate

### Applications & Applicable materials

- ◆ Metal surface cleaning
- ◆ Removal paint of metal surface
- ◆ Stains cleaning on the surface
- ◆ Surface coating cleaning
- ◆ Pretreatment of welding surface cleaning
- ◆ Stone surface cleaning
- ◆ Rubber mold residue cleaning
- ◆ Non-metal material, such as wood

Technical parameters			
Equipment Model	SD1500C	SD2000C	SD3000C
Laser Working Medium	Continue type laser, Laser source can optional Raycus,MAX and other Brands.		
Laser Power	1500W	2000W	3000W
Cleaning Width	10-300mm		
Pulse Frequency	5000~10000Hz		
Cooling Method	water cooling		
Spot Adjustment Range Line	0-125mm		
Machine Size	75*120*140CM		
Machine Weight	240KG		
Maximum Atmospheric Pressure	15Bar		
Collimating Focal Length	60mm		

Ship Industry, auto Parts, rubber Mold, high-end Machine, tire mold track, environmental Protection Industry and others.

# SUDA Air Compressor

2025  
NEW ARRIVAL



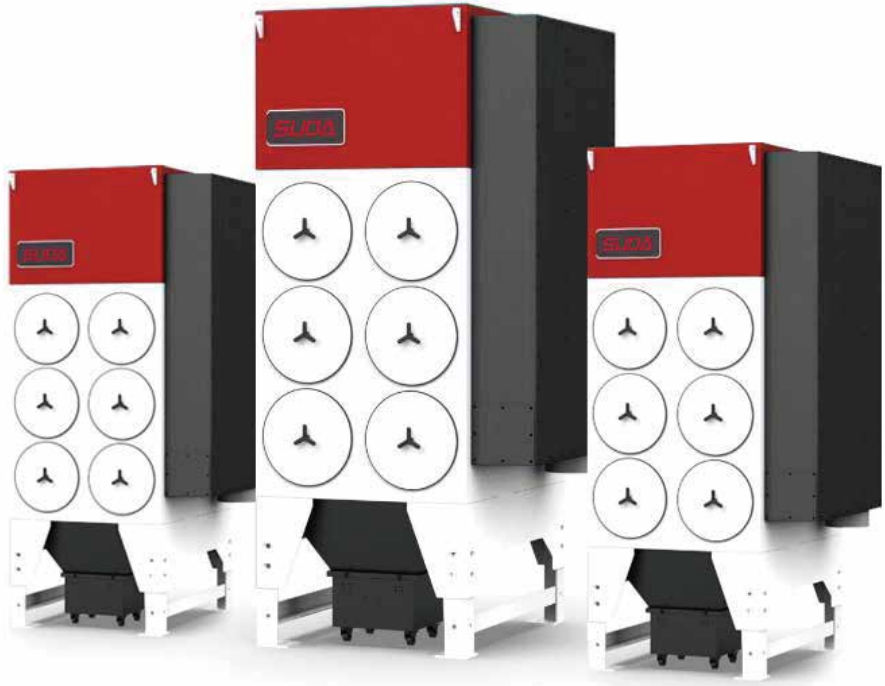
Model	11A	15A	22A	37A
Greatest Pressure	1.05	1.2-1.5	2.1	3.5
Power	11KW	15KW	22KW	37KW
Working Pressure	1.6 MPA	1.6 MPA	1.6 MPA	1.6MPA
Applicable laser	1KW-3KW	3KW-6KW	6KW-12KW	>15KW

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# SUDA Industrial Dust Collector System



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Model	4L	6L	8L	12L
Fan Power	5.5KW	7.5KW	11KW	15KW
Handling Air Volume	4000-5500m³/h	6000-7500m³/h	9000-11000m³/h	10000-12000m³/h
Number of Filter Cartridges	4	6	8	12
Filter Area	92m³	138m³	184m³	276m³
Suggest Matching Power	≤3000W	3000W-6000W	6000W-12000W	≥12000W
Suggest Matching Size	3015 4020	4020 6025	6025 8025	8025 12025



# SUDA Coil-Fed Machine Series



## Application

- ◆ automatic coil feeding machine is controlled by a servo system, with high feeding accuracy, fast feeding speed and easy operation. In addition, the automatic feeding machine has a wide range of applications and is suitable for coils of various metal materials. In terms of use, it can be used not only with a laser cutting machine, but also with a shearing machine and a hydraulic machine.

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# SUDA 3D Robot Laser Series



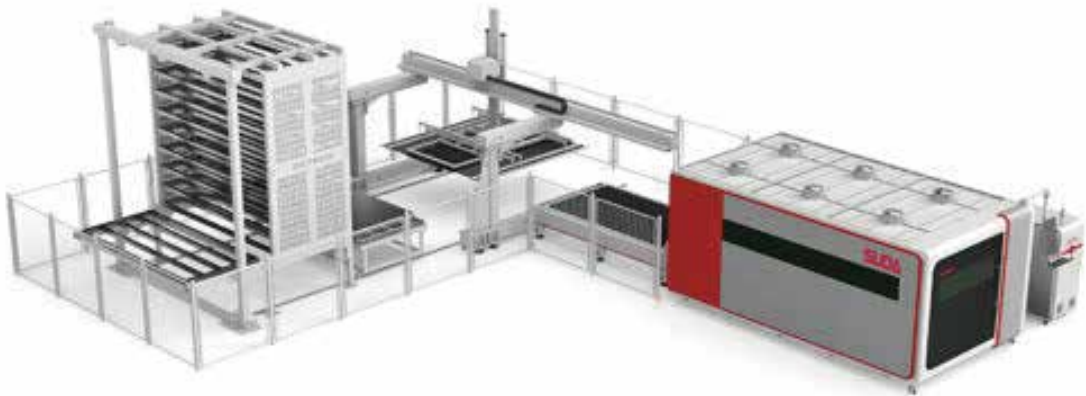
## Application

- ◆ 3D Robot Laser system is integrated with 5 robot bodies, and it is able to achieve fiber laser cutting, welding, cleaning, marking etc, Power range from 1500W to 12000W (Customization) .

# SUDA Intelligent Auto Loading And Unloading Device With Store System

## Application

- ◆ This system realizes the automation and uninterrupted completion of a series of production processes such as material outbound, automatic loading, laser cutting, automatic unloading, and warehousing. It can be customized according to customers' actual production needs and site characteristics, and has the advantages of optimizing production processes, reducing equipment standby time, reducing labor costs, improving site utilization, and improving production efficiency.



# SUDA CNC PRESS BRAKE

2025  
NEW ARRIVAL



- Servo Motor Control, High Precision •
- Support Angle programming, making angle setting more convenient •
- Optional Safety Protection, Mechanical compensation, Crowing, etc •
- Optional Different kinds of Control System, Hydraulic System, Seal Ring, etc •

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Technical Data									
Type	Nominal force	Worktable length	Poles distance	Throat depth	Slider travel	Max open	Power	Weight	Dimension
Unit	KN	MM	MM	MM	MM	MM	KW	KG	MM
40T/1600	400	1600	1200	200	100	320	5.5	2500	1800x1200x1800
40T/2000	400	2000	1600	200	100	320	5.5	3000	2300x1280x2100
50T/2500	500	2500	1900	200	100	320	5.5	3400	2850x1800x2200
63T/2500	630	2500	1960	250	120	345	5.5	3800	2850x1800x2300
63T/3200	630	3200	2600	250	120	345	5.5	4300	3500x1800x2300
80T/2500	800	2500	1960	250	120	350	5.5	4800	2900x1800x2350
80T/3200	800	3200	2600	250	120	350	5.5	5400	3700x1800x2400
80T/4000	800	4000	3200	250	120	350	5.5	6500	4300x1800x2400
100T/2500	1000	2500	1960	320	120	380	7.5	5600	2900x1800x2450
100T/3200	1000	3200	2600	320	120	380	7.5	6600	3800x1800x2500
100T/4000	1000	4000	3200	320	120	380	7.5	7800	4400x1800x2500
125T/2500	1250	2500	1960	320	120	380	7.5	6200	3000x1800x2500
125T/3200	1250	3200	2600	320	120	380	7.5	6800	3800x1850x2500
125T/4000	1250	4000	3200	320	120	380	7.5	7500	4400x1850x2500
160T/3200	1600	3200	2600	320	200	450	11	9500	3900x1900x2650
160T/4000	1600	4000	3200	320	200	450	11	11000	4500x1900x2650
160T/5000	1600	5000	4000	320	200	450	11	13000	5500x2000x2700
160T/6000	1600	6000	4800	320	200	450	11	16000	6500x2000x3100
200T/3200	2000	3200	2600	350	250	500	15	10000	3900x2000x2650
200T/4000	2000	4000	3200	350	250	500	15	15000	4500x2000x2700
200T/5000	2000	5000	4000	350	250	500	15	17000	5500x2000x2700
200T/6000	2000	6000	4800	350	250	500	15	19000	6500x2000x2800
250T/3200	2500	3200	2600	350	250	520	18.5	13000	3900x2050x2850
250T/4000	2500	4000	3200	350	250	520	18.5	16000	4500x2050x2850
250T/5000	2500	5000	4000	350	250	520	18.5	18000	5500x2050x2850
250T/6000	2500	6000	4800	400	250	520	18.5	20500	6500x2150x2900
300T/3200	3000	3200	2600	400	250	520	22	14500	4000x2100x2980
300T/4000	3000	4000	3200	400	250	520	22	17000	4500x2300x3450
300T/5000	3000	5000	4000	400	250	520	22	19000	5500x2300x3450
300T/6000	3000	6000	4800	400	250	520	22	21500	6500x2300x3500
400T/4000	4000	4000	3200	400	250	540	30	26000	4500x2450x3600
400T/5000	4000	5000	4000	400	250	540	30	29000	5500x2450x3600
400T/6000	4000	6000	4800	400	250	540	30	34000	6500x2300x3500
500T/4000	5000	4000	3200	400	300	620	37	30000	4500x2450x3600
500T/5000	5000	5000	4000	400	300	620	37	36000	5500x2450x3600
500T/6000	5000	6000	4800	400	300	620	37	48000	6500x2500x3700
600T/4000	6000	4000	3200	400	300	620	45	40000	4500x2500x3700
600T/6000	6000	6000	4800	400	300	620	45	50000	6500x2600x3800

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