



ALLWINMAC

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**EXPERTS IN LASER CUTTING
MACHINERY MANUFACTURING**



COMPANY PROFILE

Allwinmac is a professional manufacturer of laser cutting machines. We are located in Jinan city with convenient transportation access.

Dedicated to strict quality control and customer service, our experienced staff are always able to satisfy your requirements and ensure full customer satisfaction.

- > Our main products are fiber laser cutting machine, CO2 laser cutter, laser cleaning machine and laser welding machine.
- > Our target is to offer a one-stop solution for the whole laser cutting industry.
- > From the first time we get inquiries from customers, we will offer suitable solutions according to different customer requirements.
- > All our products have achieved SGS certificate, EU CE certificate.
- > Our products are exported to more than 150 countries and regions in North America, South America, Europe and Asia.
- > For different requirements from different customers, we also accept special OEM modifications to achieve full satisfaction.
- > Besides quality products, we also have our own after-sales service team for abroad customers all over the world.
- > We promise to provide all customers with the most suitable products and best service.
- > With our continuous efforts, our products win bigger and bigger market share in this industry.

Quality first service priority is always our guideline. We sincerely welcome customers all over the world to cooperate with us.

Allwinmac, your trustworthy partner.



Fitness Equipment



Advertising Industry



Automotive Manufacturing



Agricultural Machinery Manufacturing



Industry Application



Sheet Metal Processing



ALLWINMAC

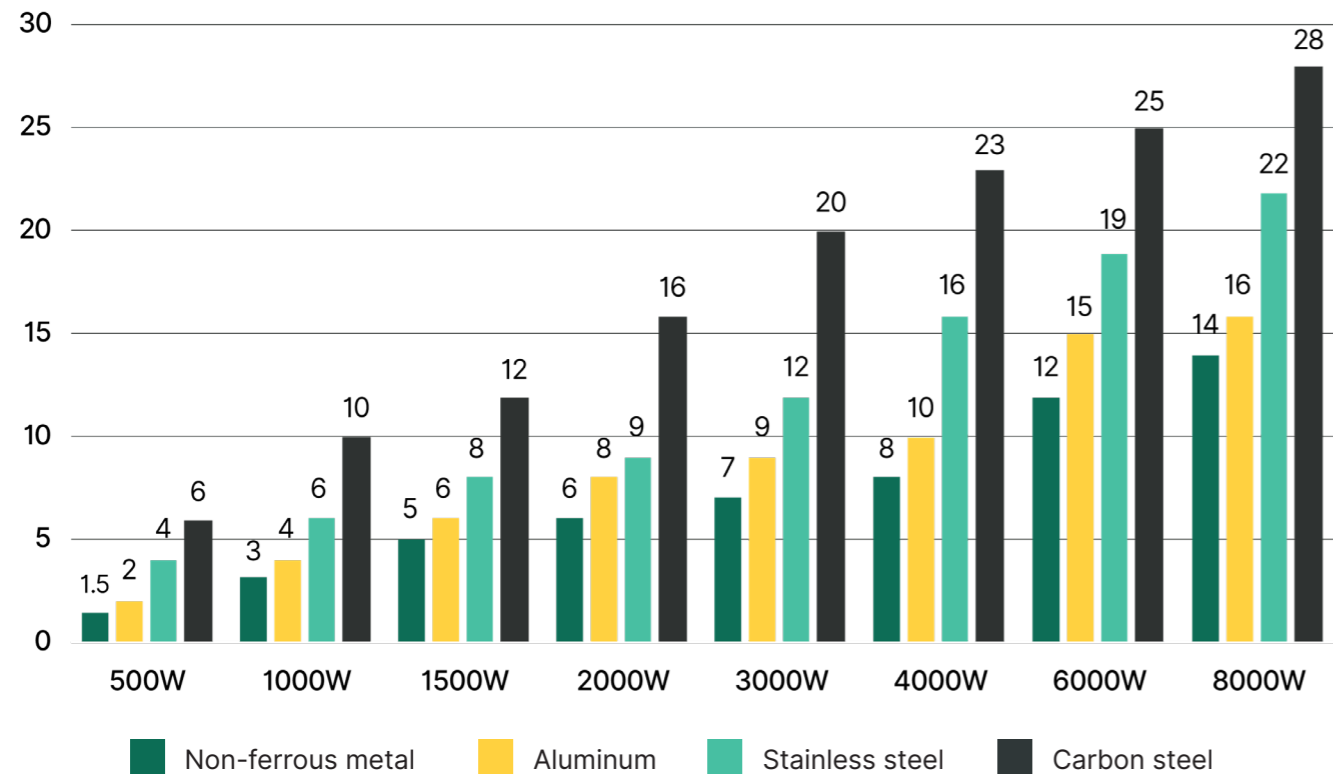


Kitchenware



CHOOSE THE SUITABLE POWER FOR YOUR MATERIAL

CUTTING PARAMETER



* The data in this table is for reference only.

NOTE :

1. Different optical fiber, material quality, gas, optical lens, cutting pattern, etc. will affect the cutting speed and need to be adjusted according to the site conditions
2. Laser cutting is inefficient and less effective when processing extreme materials, and cannot be processed continuously
3. When cutting high-reflection materials such as copper and aluminum, it is necessary to pay attention to adjusting the process, and continuous long-term processing is not recommended. Below 1000W is not recommended for cutting highly reflective materials.

OUR PARTNERS



H SERIES FIBER LASER CUTTING MACHINE

ADVANTAGES:

1. Stability and reliability of light path system and control system with complete functions and simple operation.
2. Using industrial heavy-duty steel structure design and NC five-sided machining center to ensure machine accuracy and stability.
3. Taiwan guideway and high precision grinding rack, ensure the long-time processing accuracy of the equipment.
4. Imported original fiber lasers, high and stable function, lifespan is over 100000 hours.
5. Higher cutting quality and efficiency, cutting speed is up to 80m/min.
6. Imported servo drive system and imported decelerator are adopted, which have fast running speed and strong stability.

EQUIPMENT SPECIFICATION

Model	AW-H3015W	AW-H4020W	AW-H6020W	AW-H6025W
Cutting Area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm
Laser Source	MAX	MAX	MAX	MAX
Max Moving Speed	120m/min, Acc=1.6G	120m/min, Acc=1.6G	120m/min, Acc=1.6G	120m/min, Acc=1.6G
Position Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Reposition Accuracy	±0.01mm	±0.01mm	±0.01mm	±0.01mm
Power	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A
Max Loading(KG)	≤4000	≤5000	≤5500	≤6000

CUTTING SAMPLES



Website: www.allwinmac.com | Email: sales@allwinmac.com

NEW VERSION



OLD VERSION



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T SERIES TUBE LASER CUTTING MACHINE

AW-T SERIES ADVANTAGES

1. Tube Clamping and Positioning:

- > Both front and rear chucks use pneumatic chucks, one-button automatic centering, dual-drive rotation to ensure front-to-back rotation synchronization, short strokes, high efficiency, and no deformation of thin plates; ultra-short tailing: ultra-short tail material processing, reducing raw material cost, lower cost, more possibility of driving;

2. Power-Off and Continuous Cutting:

- > Importer high-torque absolute value encoder servo motor ensures high speed and acceleration of the whole machine and has power-off continuous cutting function, Worry-free power failure, one-click reply cutting.



EQUIPMENT SPECIFICATION

Model	AW-T Series 1K-4KW Fiber Laser Cutting Machine
Machine Type	AW-6020T
Pipe Processing Diameter Range	φ20-φ220mm
Pipe Processing Length	<6300mm
X-axis Travel	6600mm
Y-axis Travel	250mm
Z-axis Travel	185r/min
Maximum Speed of axis A	110r/min
Maximum Speed of axis B	110r/min
Maximum Speed of X and Y axis	105/30m/min
X, Y-axis Maximum Acceleration	0.8G
Positioning Accuracy of X and Y axis	0.05mm/m
Repeated Positioning Accuracy of X and Y axis	0.03mm
Blanking Length	3000mm
System	Pachul FSCUT5000D
Laser Power	1000W-4000W (Optional)
Maximum Acceleration (X,Y axis linkage)	1.3G
Maximum Moving Speed (X,Y axis linkage)	105m/min
Positioning Accuracy	±0.03mm/m
Repeated Positioning Accuracy	±0.02mm
Overall Weight	6000KG
Overall Size (length x width x height)	8000mm × 3300mm × 1950mm

CUTTING SAMPLES



ST SERIES METAL SHEET AND TUBE LASER CUTTING MACHINE

DESCRIPTION:

AWST-Series is a dual-use fiber laser cutter specially designed for customers who want to cut both metal sheet and tube on one single machine.

> Plate and tube integrated laser cutting machines have great advantages, it not only saves factory space but also saves the cost of purchasing plate and tube cutting machines at the same time.

> Independent research and development of plate and tube dual-use machines by Raytu team realizes the precise cutting of all kinds of irregular complex graphics which are difficult to be realized by conventional methods.



S SERIES FULL COVER FIBER LASER CUTTING MACHINE WITH EXCHANGE TABLE

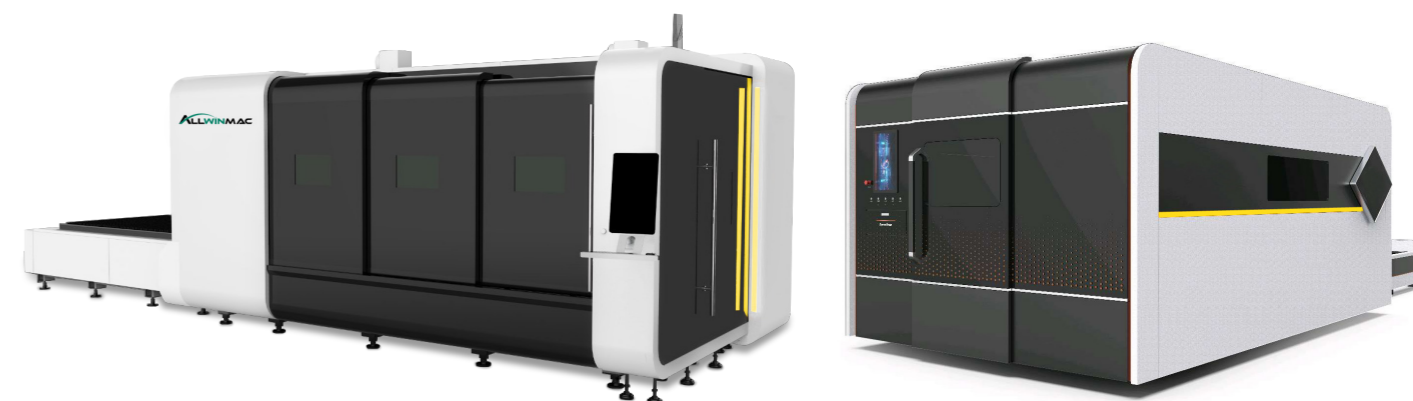
FEATURES:

S-Series high-end exchange table enclosed laser cutting machine features for the eco-friendly design with a fully protective cover to ensure operation safety.

> The power ranges from 1000W to 6000W.

> The two automatic pallet changers are independent of each other and makes the cutting job much more efficient and time-saving.

> To guarantee both the stability and visibility, G-Series is equipped with a safety device, door protection switch, closed sheet metal cover, etc., which has greatly improved the overall performance of the laser cutter with high power and high cutting speed.



EQUIPMENT SPECIFICATION					
Model	AW-ST3015	AW-ST4015	AW-ST4020	AW-ST6015	AW-ST6020
Cutting Area	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm	6000*2000mm
Diameter	110/160/220	110/160/220	110/160/220	110/160/220	110/160/220
Max Moving Speed	80m/min, Acc=0.8G	80m/min, Acc=0.8G	80m/min, Acc=0.8G	80m/min, Acc=0.8G	80m/min, Acc=0.8G
Position Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Reposition Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Power	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A
Tube Length	3m/6m	3m/6m	3m/6m	3m/6m	3m/6m

EQUIPMENT SPECIFICATION					
Model	AW-S3015	AW-S4020	AW-S6020	AW-S8020	AW-S8025
Cutting Area	3000*1500mm	4000*2000mm	6000*2000mm	8000*2000mm	8000*2500mm
Laser Source	MAX/RAYCUS/IPG	MAX/RAYCUS/IPG	MAX/RAYCUS/IPG	MAX/RAYCUS/IPG	MAX/RAYCUS/IPG
Max Moving Speed	120m/min, Acc=1.2G	120m/min, Acc=1.2G	120m/min, Acc=1.2G	120m/min, Acc=1.2G	120m/min, Acc=1.2G
Position Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Reposition Accuracy	±0.01mm	±0.01mm	±0.01mm	±0.01mm	±0.01mm
Power	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A	380V 50/60Hz 50A