



Cutting | Bending | Welding | Automation



# GX

❑ Double Exchange Platforms Laser Cutting Machine ❑

## Company Culture



### MISSION

Intelligent manufacturing changes future



### VALUES

Customer-focused and employee-based



### VISION

Become a respectable enterprise in the global metal forming equipment field

## Company Profile



**13**

13 branches/subsidiaries/  
sub-subsidiaries across the world



**100+**

Serve 100+countries and  
regions



**4**

Manufacturing Bases in  
China



**30+**

Global service outlets



**8000+**Sets  
of Annual Output



**96000m<sup>2</sup>**

Occupied Area



# GX 3000-6000W

## Double Exchange Platforms Laser Cutting Machine



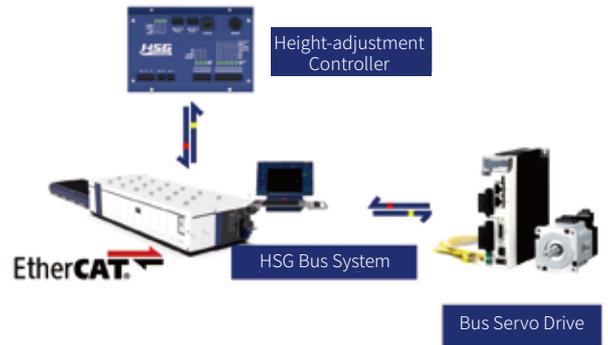
### Technical Parameters

Technical Parameters	G3015X
Power	3000W-6000W
Processing format (L*W)	3048mm*1524mm(10' *5')
X/Y-axis positioning accuracy	$\pm 0.03\text{mm/m}(\pm 0.00118'')$
X/Y-axis repositioning accuracy	$\pm 0.03\text{mm}(\pm 0.00118'')$
No-load speed	140m/min
Acceleration	1.5G
optional	TUV CE

\* Machine appearance, technical parameters, function description, data comparison shown in this page are from HSG in-house laboratory. All testing results and experimental data shall be subject to real machine.

## HSG Bus-based Control System

- EtherCAT bus high-speed response with strong anti-interference capability and simple electrical maintenance.
- Support absolute value and continue in outage and at the break-point for convenient remote diagnosis and servo adjustment.
- Automatic management of machine maintenance, core components are monitored in real time for easy and maintenance reminded on a regular basis.



## Follow-up Response Technology

- High sensitivity detection of striker plate.
- High speed follow of vibrating sheet.
- Automatic obstacle avoidance.

## Fully Functional Processing Technology

- High-speed microjoining, nano microjoining, counterbore technology and non-inductive perforation.
- Manual, automatic tracing-edge and anti-collusion beam.
- Leftover bits and pieces cutting, coaxial visual sensing and automatic replacing nozzle.
- Common side cutting to reduce leftover bits and pieces and save energy.



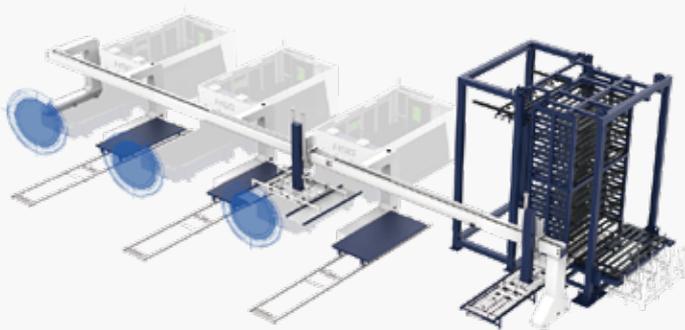


## Professional Nesting Software with Standard Configuration

- High nesting utilization ratio as famous nesting software.
- Simple operation with drawing function and support manual and automatic nesting.
- Support different materials and thicknesses categorized typesetting.
- Excel batch import.

## Support Graphics and G Code Software

- By code conversion software, Alpha T can support other brand equipment for super high compatibility.

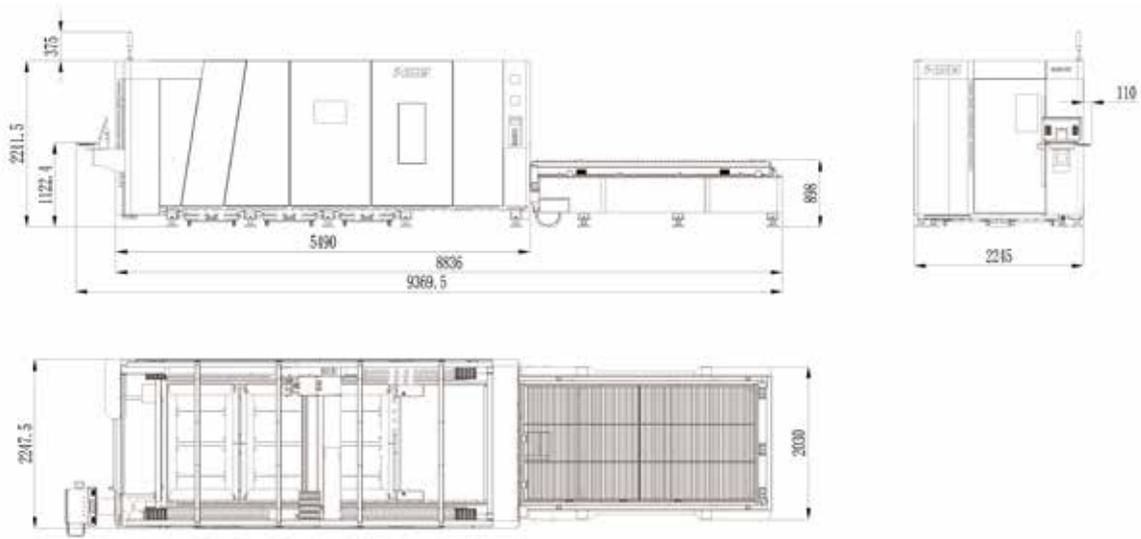


## Smart Factory and Standard Central Control System Interface Intelligent management

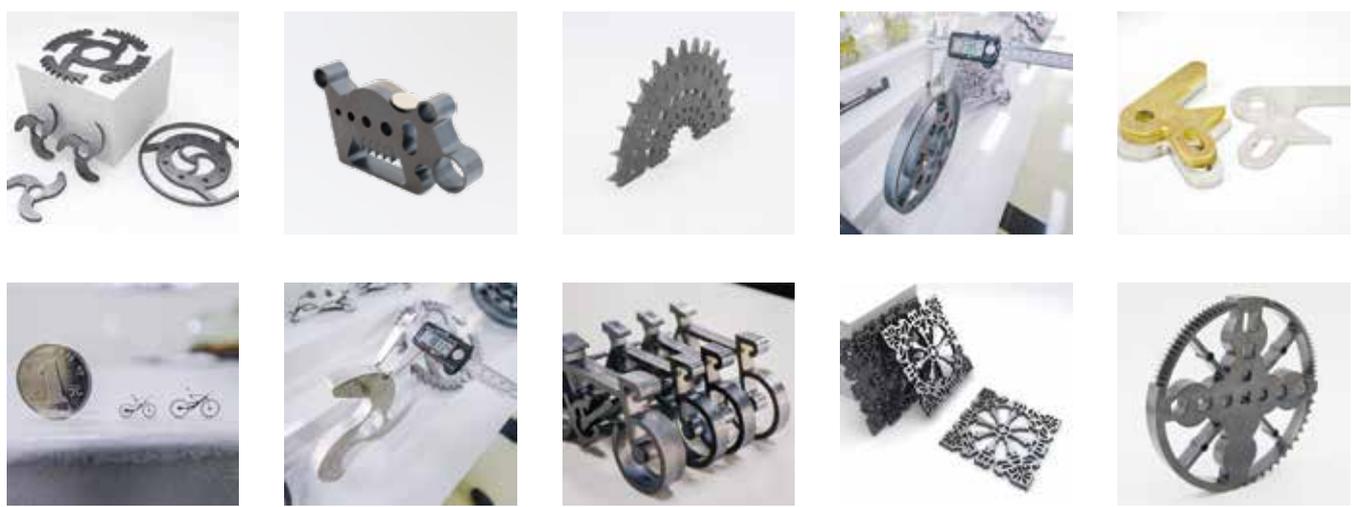
- Integrate with material tower and automatic loading and unloading equipment to create automatic production lines.
- Intelligent system to form production report by one click.



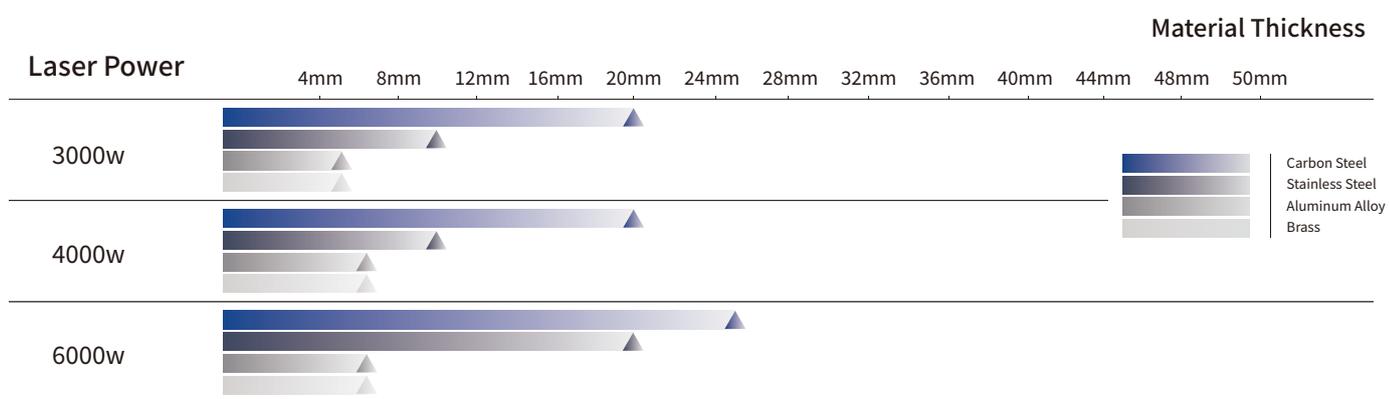
## Machine Foundation \*The marked size has about 10mm error



## Cutting Samples



## Cutting Capacity



The actual machines shall prevail and above data & pictures are only for reference.



## Intelligent Manufacturing Changes Future



**As a global enterprise, HSG sticks to providing professional and convenient service support to customers at home and board**



### Professional Training

Multiple technical training service and free operation training for customers and dealers in time



### Efficient Support

Humanistic service model, online services and 7\*24 hotline to offer solutions and assistance



### Optimized Transport

Multi-channel transport solutions and professional transport solution team will provide various transport cases for to satisfy the demand of customers and save transports fees



### Sufficient Accessories

Highly efficient accessories delivery service, multiple network inventory jointly responds to accessories demand to shorten customer's waiting times and accelerate production



### Careful Services

Domestic door-to-door service and free proofing, global 100+dealers provide efficient and convenient services



Intelligent Manufacturing Changes Future



Website



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