



Cutting | Bending | Welding | Automation



X

✦ High-precision Sheet Fiber 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

Global Branches



100+

Countries Covered



4

Manufacturing Bases



30+

Global Service Outlets



8,000+

Delivery Capability



96,000m²

Occupied Area



X

1500-6000W

High-precision Sheet Fiber Laser Cutting Machine



Technical Parameters

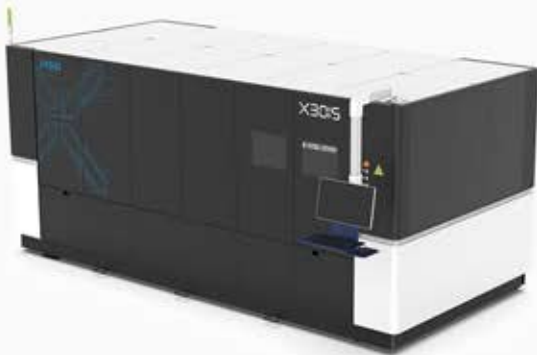
Technical Parameters	X1212	X2512	X3015
Power	1500W-6000W	1500W-6000W	3000W-6000W
Processing format (L*W)	1250mm*1250mm	2470mm*1250mm	3000mm*1500mm
X/Y-axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y-axis repositioning accuracy	±0.03mm	±0.03mm	±0.03mm
No-load speed	100m/min	100m/min	120m/min
Acceleration	1.5G	1.5G	1.0G

* 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.

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Bus Control System

- It enables data transmission via EtherCAT bus and features fast speed and stability. This system is easy to be operated and rich in functions. Even green hands can cut high-quality samples.



▶

Fully-protective Structure

- Top cover can prevent cutting smoke diffusion and protect work climate from pollution.

▶

Single Push-pull Platform

- The platform makes rear loading possible. Anti-shake clips are installed on both sides of platform to prevent vibration while cutting thin sheet.





Autofocus Laser Cutting Head

- Autofocus can make you easy processing. The users do not need to adjust the focus position manually, because the cutting head can adjust the focus automatically for stable cutting, according to system settings.

Massive Production Database

- Users can invoke cutting technology from the database when cutting sheet of different materials and thickness
- Have multiple thick sheet cutting technologies like air cutting, counterboring technology, perfect finish cut (PFC), lightening-fast piercing, etc.



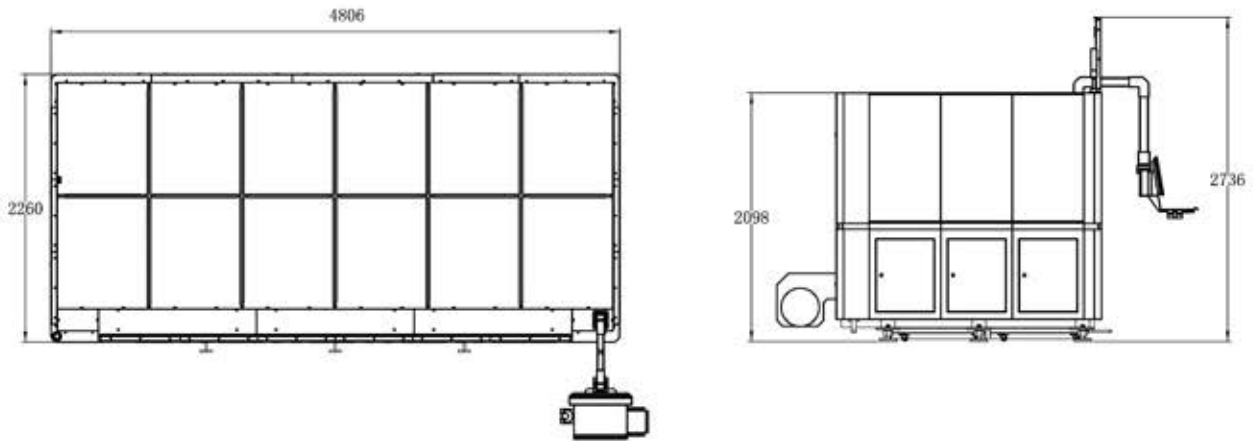
Professional Nesting Software

- Optimize cutting path to shorten cutting duration.
- Smart typesetting algorithm for the increase of material utilization.



Machine Foundation

*The marked size has about 10mm error



Cutting Samples



Cutting Capacity

Material Thickness

Laser Power

4mm 8mm 12mm 16mm 20mm 24mm 28mm 32mm 36mm 40mm 44mm 48mm 60mm 70mm 80mm



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



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