



Cutting | Bending | Welding | Automation



C

✦ Economical Single-platform 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



19

Global Branches



100+

Countries Covered



4

Manufacturing Bases



30+

Global Service Centers



8,000+

Annual Capability



135,000m²

Occupied Area



C 1500-30000W

Economical Single-platform Laser Cutting Machine



Technical Parameters

Technical Parameters	C3015	C4020	C6025	C12025	C14030
Power	1500W-6000W	1500W-6000W	12000W-20000W	12000W-30000W	12000W-30000W
Processing format (L*W)	3048mm*1524mm	4064mm*2032mm	6096mm*2540mm	12500mm*2540mm	14400mm*3100mm
X/Y-axis positioning accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm	±0.05mm
X/Y-axis repositioning accuracy	±0.03mm	±0.03mm	±0.03mm	±0.05mm	±0.05mm
Max. Linkage Speed	120m/min	120m/min	120m/min	120m/min	120m/min
Max. Linkage Acceleration	1.5G	1.5G	1.5G	1.5G	1.5G

* 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.
- 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

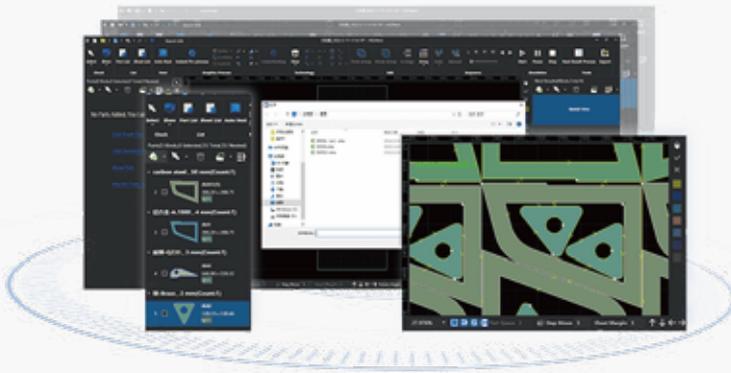
- High sensitivity detection of striker plate.
- High speed follow of vibrating sheet.
- Automatic obstacle avoidance.



Fully Functional Processing Technology

- High-speed microjoining, nano microjoining, counterbore technology and non-inductive perforation.
- Manual, automatic tracing-edge and anti-collision 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.



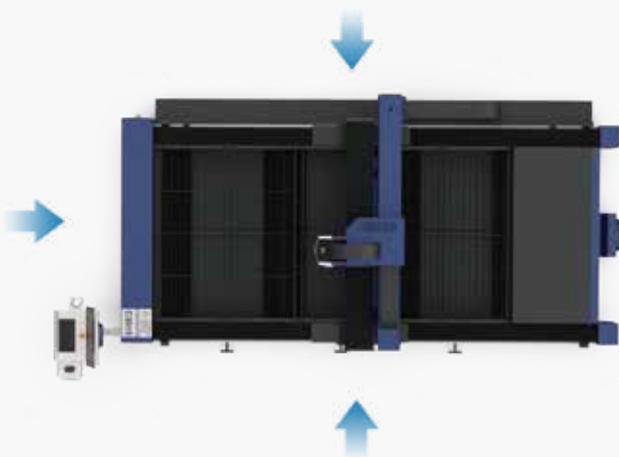


Professional Nesting Software with Standard Configuration

- 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.



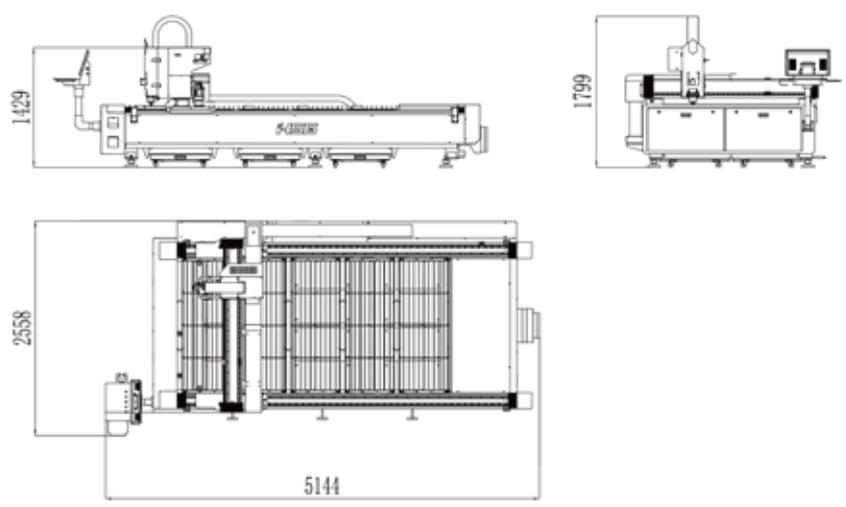
Tiny But Useful

- Single platform with open structure which can load materials from three directions to achieve tiny machine size.



Machine Foundation

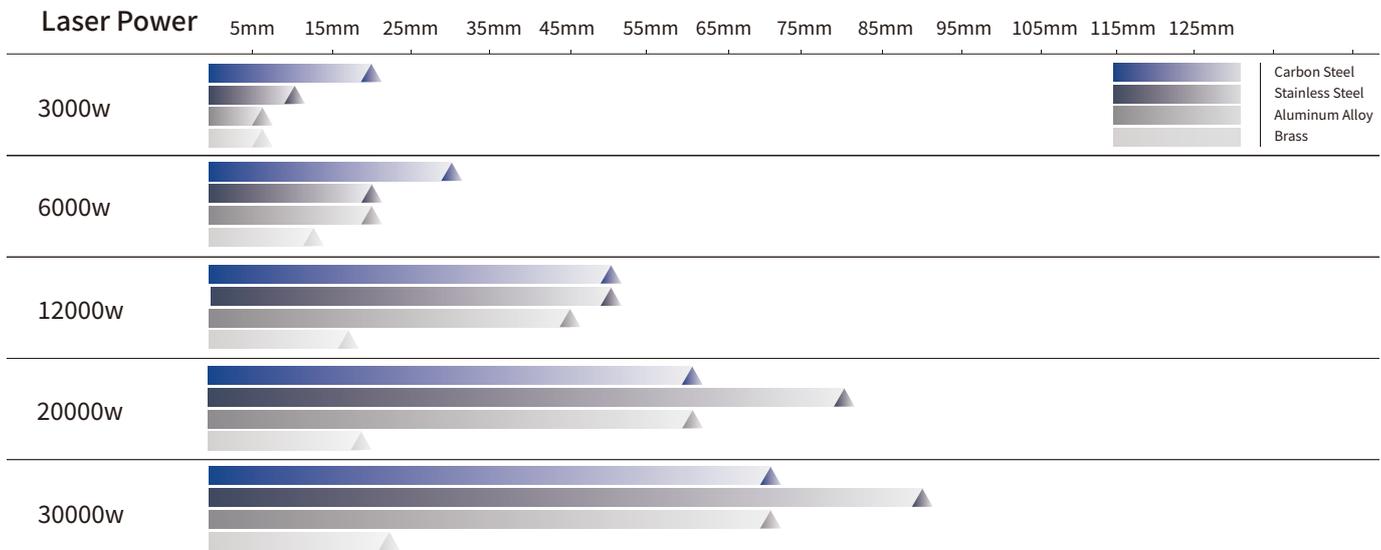
*The marked size has about 10mm error
 *Pictures of C3015 are for reference only and subject to actual dimensions.



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



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