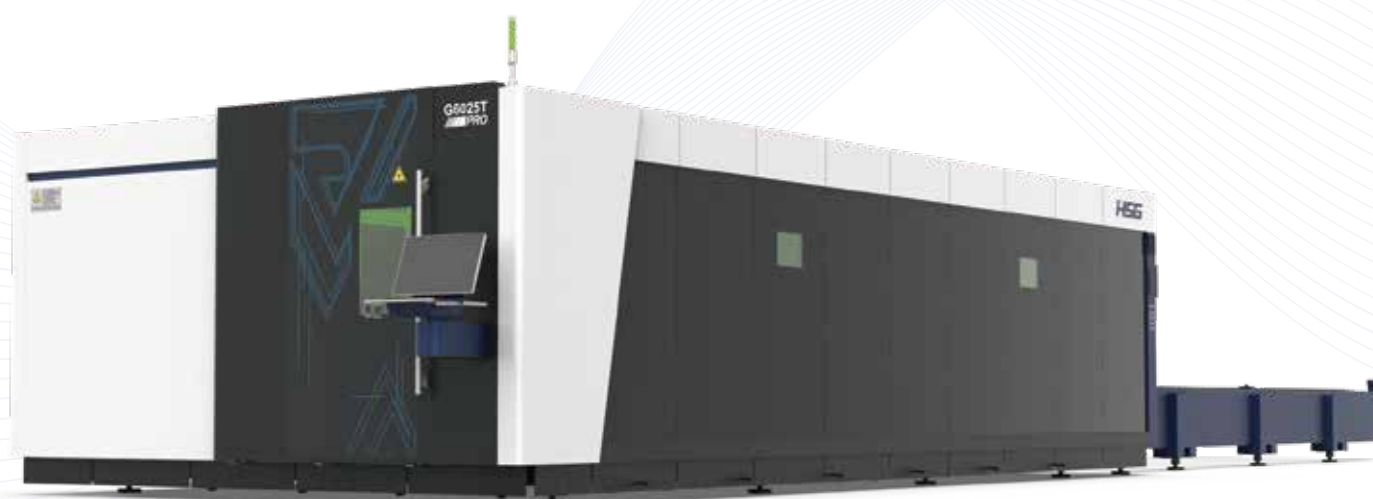




Cutting | Bending | Welding | Automation



GT Pro

✦ High-power 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



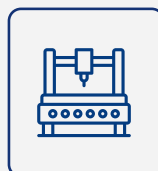
4

Manufacturing Bases in
China



30+

Global service outlets

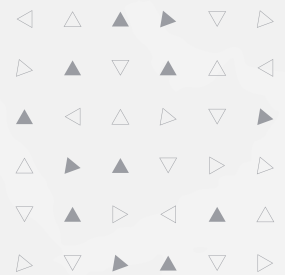


8000+Sets
of Annual Output



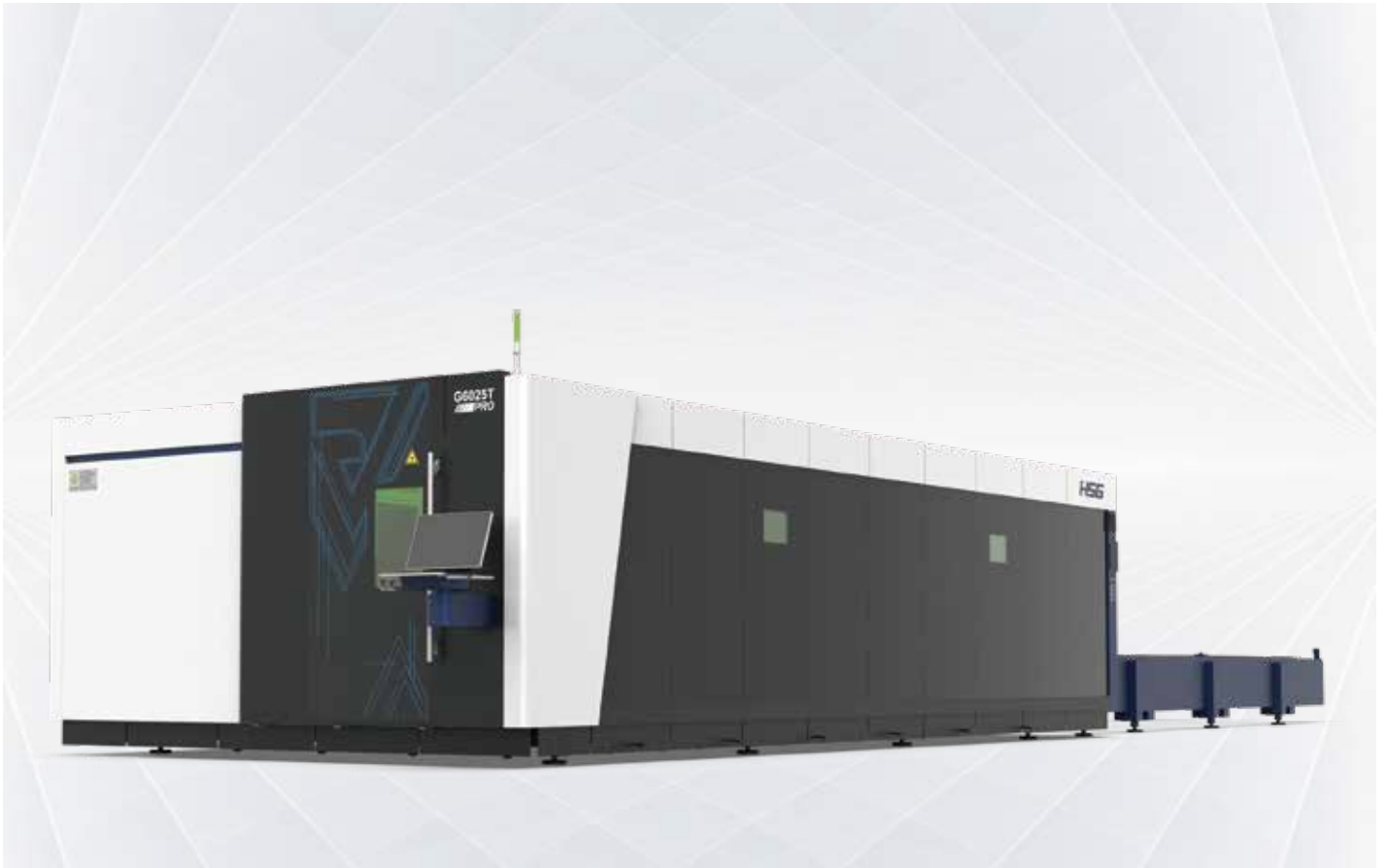
96000m²

Occupied Area



GT Pro 12000-20000W

High-power Laser Cutting Machine



Technical Parameters

Technical Parameters	G6025T Pro
Power	12000W-20000W
Processing format (L*W)	6000mm*2500mm(263"*98")
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	120m/min
Acceleration	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.
- 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.



Bus 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.



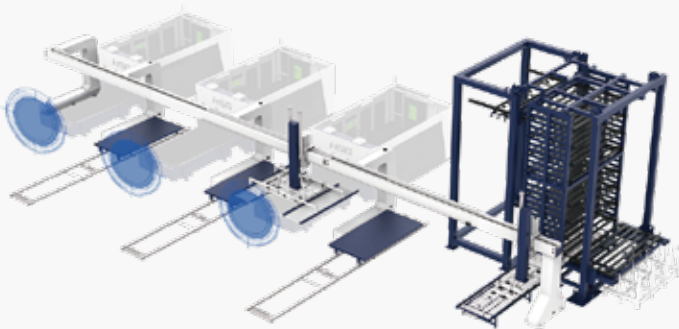


Professional Nesting Software with Standard Configuration

- 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

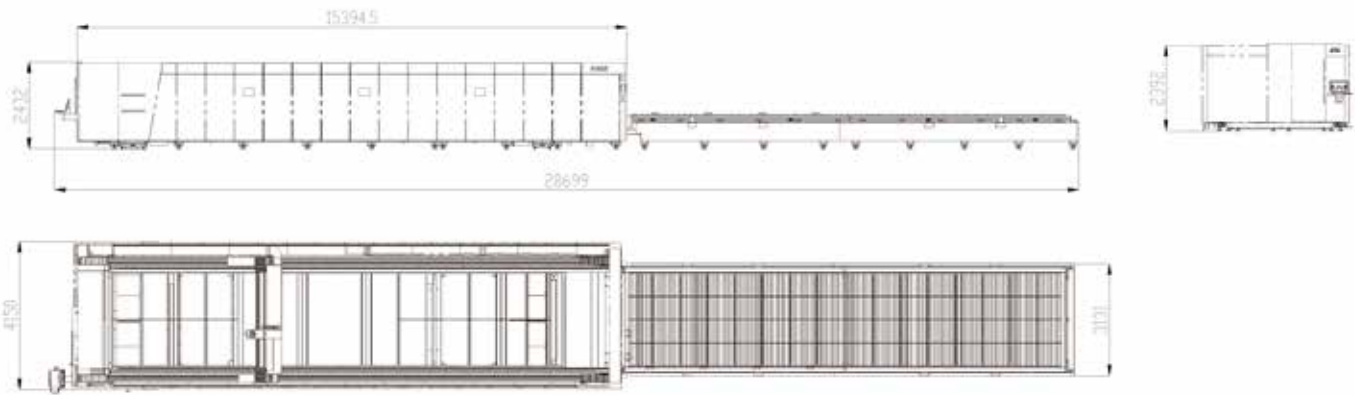
- By code conversion software, HSG system can support other brand equipment for super high compatibility.



Smart Factory and Standard Central Control System Interface Intelligent management

- Support data gateway and Modbus/OPCUA etc, set up interface with ERP and MES systems to form digital processing management and achieve intelligent manufacturing.
- Integrate with material tower and automatic loading and unloading equipment to create automatic production lines.
- Intelligent system to form production report by one click.

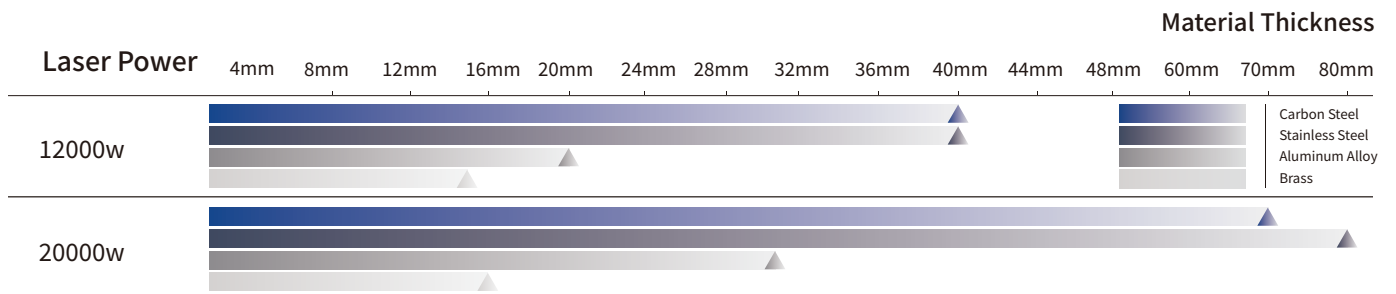
Machine Foundation *The marked size has about 10mm error



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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Headquarters Add.: No. 4, Anye Road, Shunjiang Community Industrial Park,
Beijiao Town, Shunde District, Foshan, Guangdong, China
Website: www.hsglaser.com
Email: info@hsglaser.com
Tel: +86 757-66833906