



Cutting | Bending | Welding | Automation



GX

✦ Double Exchange Platforms Laser Cutting Machine ✦

GX 3000-30000W

Double Exchange Platforms Laser Cutting Machine



Technical Parameters

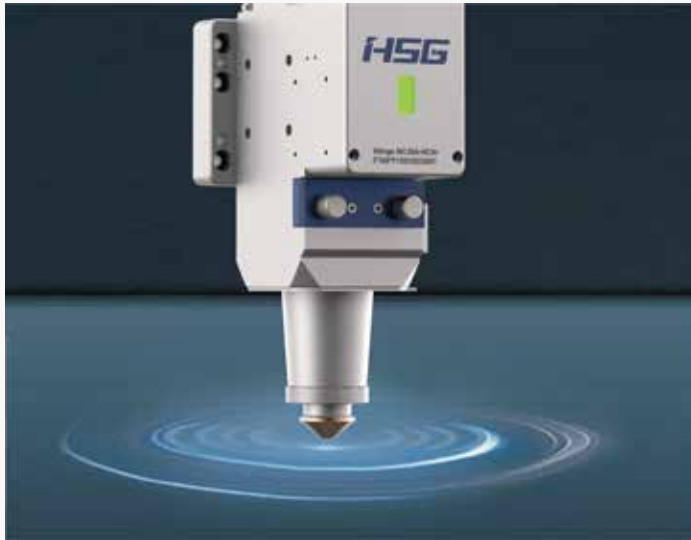
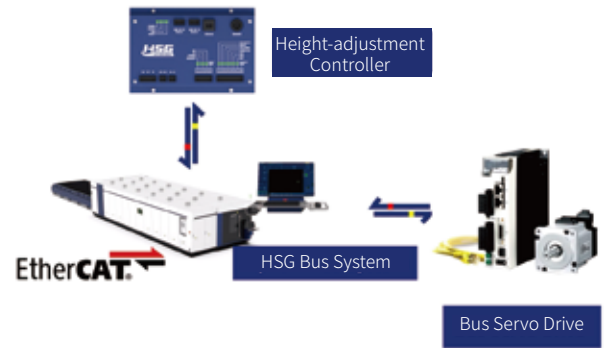
Technical Parameters	G3015X	G4020X	G6025X	G12025X
Power	3000W-20000W	3000W-20000W	3000W-20000W	12000W-30000W
Processing format (L*W)	3048mm×1524mm	4064×2040mm	6096×2540mm	12500×2540mm
X/Y-axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y-axis repositioning accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
No-load speed	140m/min	140m/min	120m/min	120m/min
Acceleration	1.5G	1.5G	1.5G	1.5G
Safety Certification	TUV CE	TUV CE	TUV CE	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.



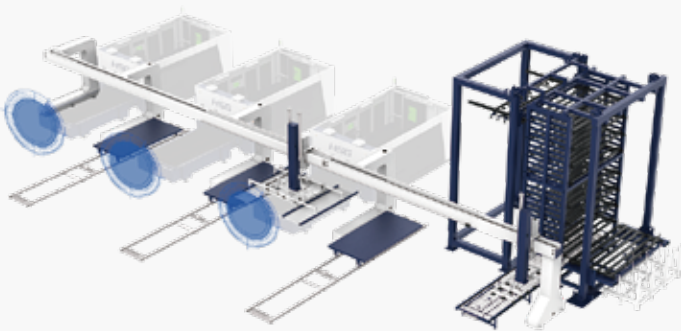


Professional Nesting Software with Standard Configuration

- 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

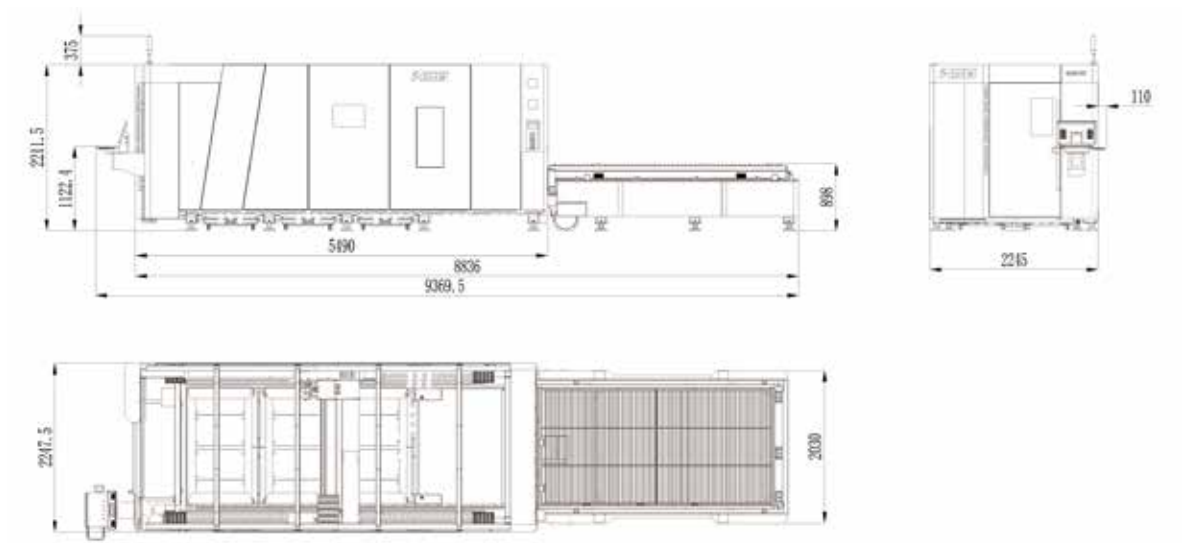
- By code conversion software, Alpha T can support other brand equipment for super high compatibility.



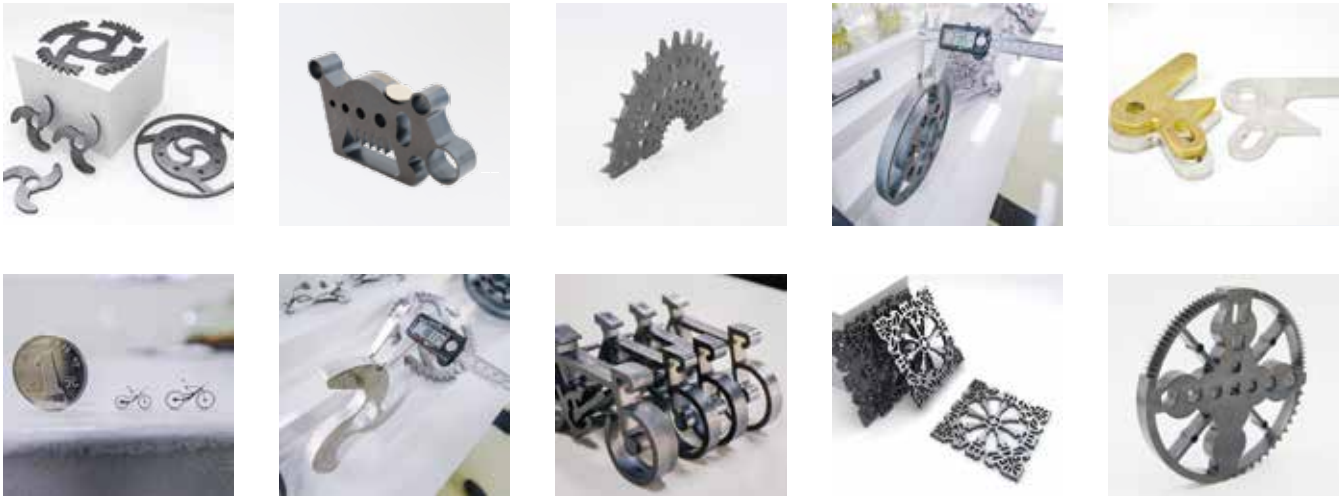
Smart Factory and Standard Central Control System Interface Intelligent management

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

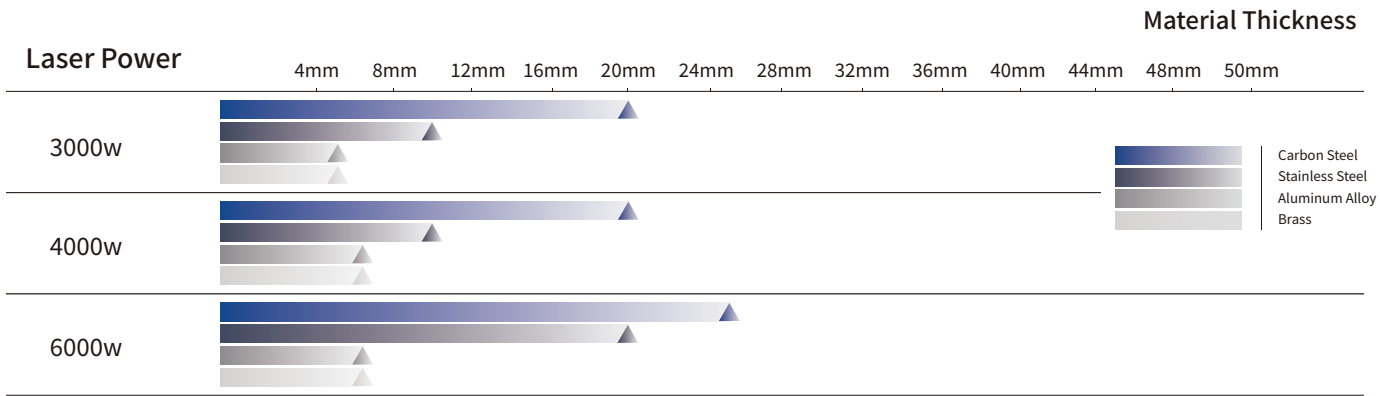
Machine Foundation *The marked size has about 10mm error



Cutting Samples



Cutting Capacity



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