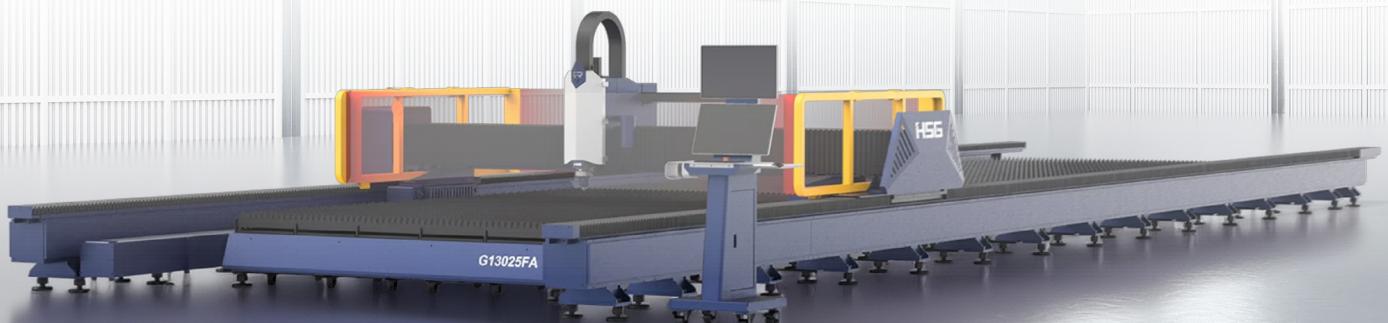
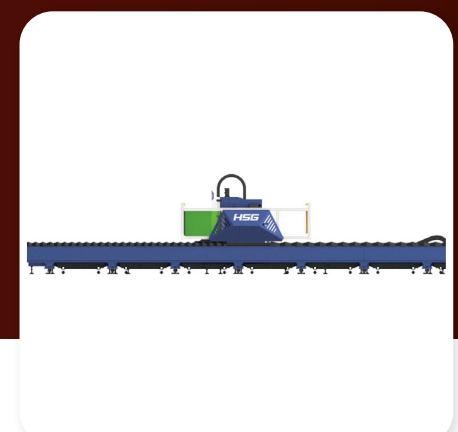
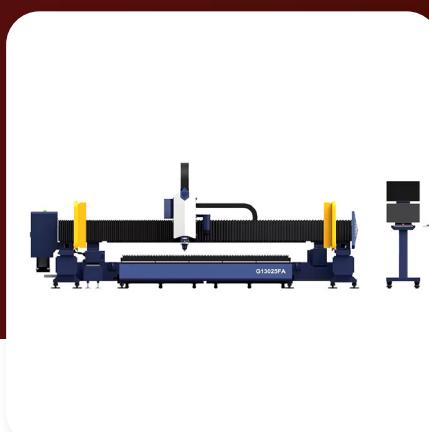
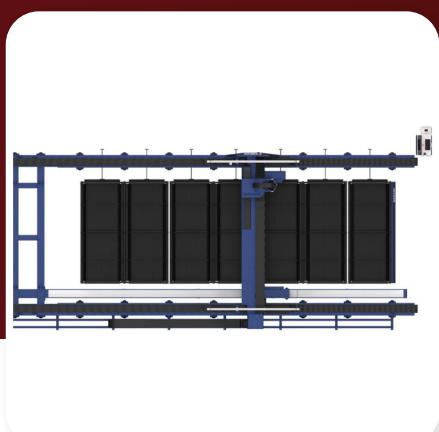


LASER MACHINES



GFA SERIES

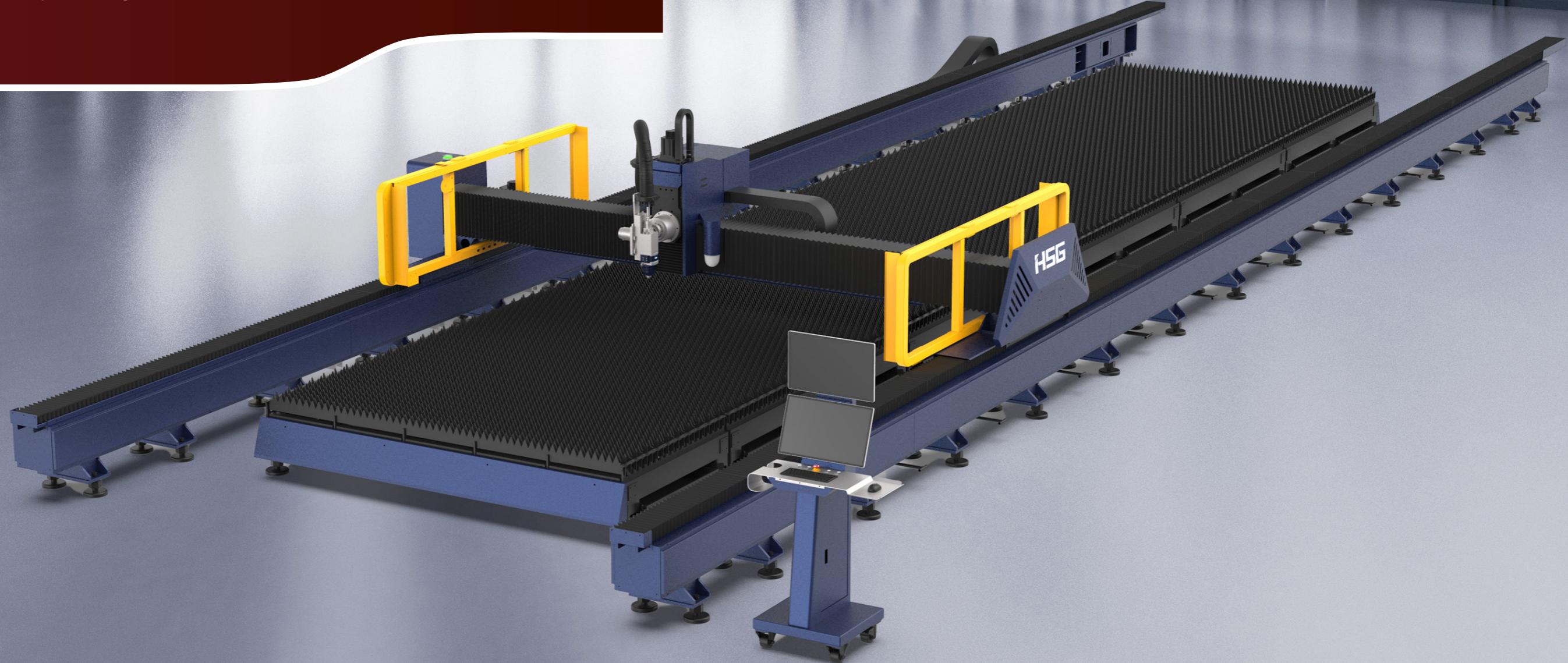
Large Format Sheet Laser Cutter



HSG GFA SERIES

The HSG GFA Series Laser Cutting Machine is designed to handle oversized materials with exceptional precision and efficiency. Featuring an expansive cutting area, it's perfect for industries that work with large sheets of metal.

Powered by advanced fiber laser technology, the GFA ensures fast, clean cuts with minimal maintenance and low operating costs.

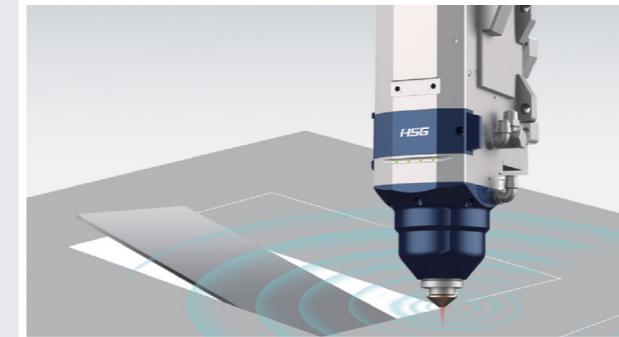


FEATURES



HSG Bus-based Control System

EtherCAT bus enables high-speed response with anti-interference capability and simplified electrical maintenance, while automated handling of machine maintenance includes real-time monitoring of key components, ensuring timely reminders for regular upkeep.

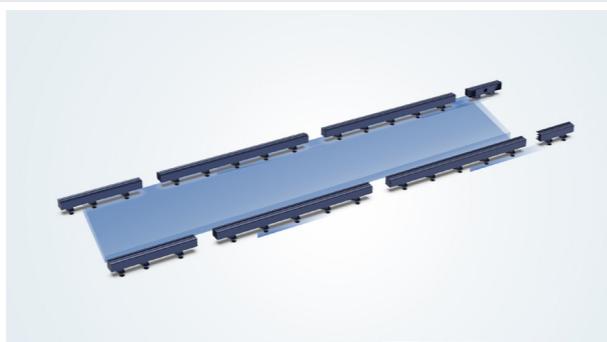


Production Process Database

Access a cutting technology database for various materials and thicknesses. Features include fly cutting for thin sheets, edge searching for round discs, and nano microjoining for precision results.

Segmented Splicing Machine Bed

The machine bed is made up of several sections that effortlessly join together. This allows for size customisation to accommodate large sheet metal cutting.



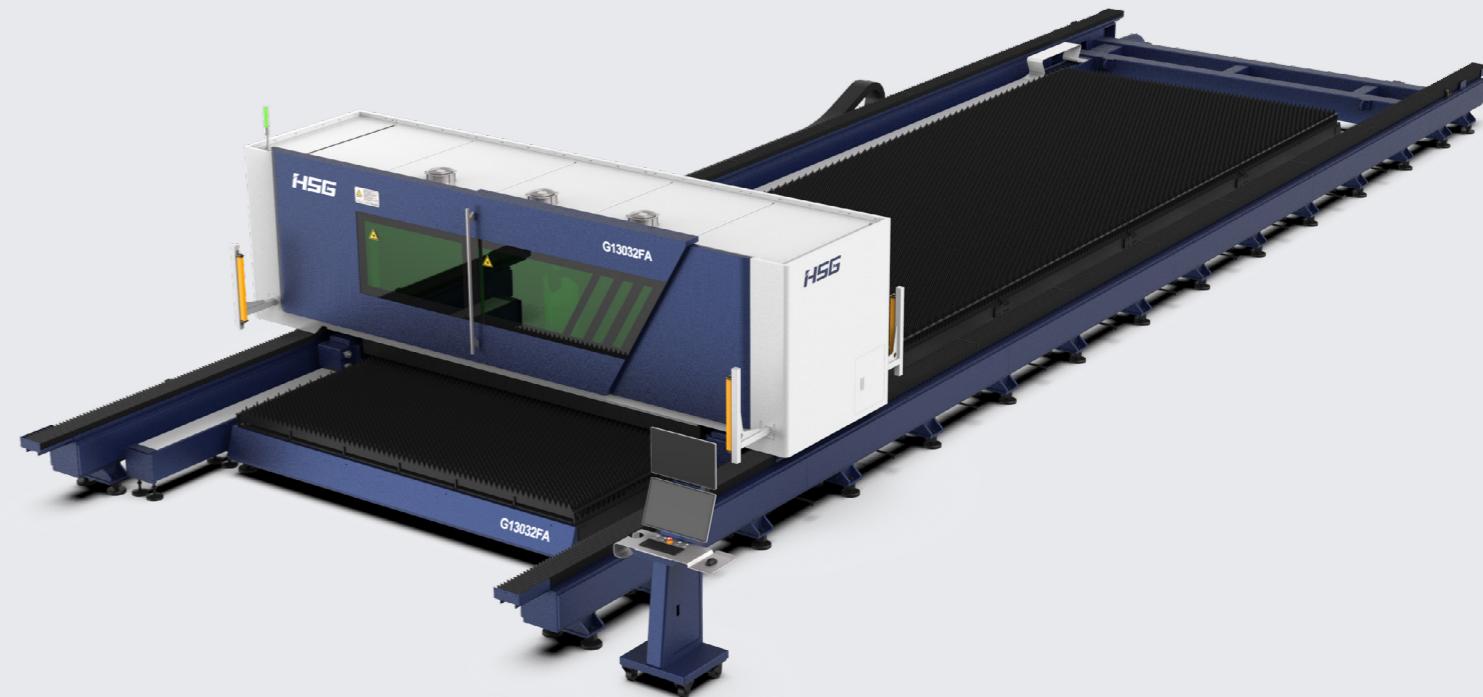
Bevel Cutting Head

The P series cutting head, combined with the AlphaT bus system, allows for 0-45° bevel cutting, including various types like V, X, and Y bevels. This flexibility makes it ideal for creating angled cuts with precision.



Bus Follow-up Response Technology

Integration of a high sensitivity striker plate detection with rapid vibrating sheet tracking, coupled with automatic obstacle avoidance.



Professional Nesting Software

Intuitive operation with drawing functionality, supporting both manual and automatic nesting. It accommodates various materials and thicknesses with categorised typesetting for efficient management. Excel batch import simplifies data input, boosting workflow efficiency.



SPECIFICATIONS

Parameters	G12025FA	G12035FA
Processing Format (LxW) (mm)	12100 x 2500	12100 x 3500
Power (kW)	12 - 60	
X/Y Axis Positioning Accuracy	±0.05 mm/m	
X/Y Axis Repositioning Accuracy	±0.05 mm	
Max. No-load Speed	80m/min	60m/min
Max. Acceleration	0.5 G	
Optional Length	16m / 26m	
Optional Bevel Cutting	12000 - 40000W	
Overall Capacity (kW) / Current (A)	61 / 122 (12000W) 88 / 177 (20000W) 122 / 245 (30000W) 156 / 313 (40000W) 190 / 381 (50000W) 224 / 449 (60000W)	
Overall Dimensions (LxWxH) (mm)	15450 x 4660 x 2200	15450 x 5660 x 2200
Machine Weight (kg)	6500 (12kW) 8500 (16kW) 10000 (20kW) 12500 (26kW)	6800 (12kW) 8500 (16kW) 10000 (20kW) 12500 (26kW)
Laser Cutting Power		
	5mm 15mm 25mm 35mm 45mm 55mm 65mm 75mm 85mm 95mm 105mm 115mm 125mm	
1200w	1200w	Carbon Steel Stainless Steel Aluminum Alloy Brass
2000w	2000w	
3000w	3000w	
4000w	4000w	
6000w	6000w	



LASER MACHINES

At Laser Machines, we are committed to being Australia's trusted partner for laser cutting machinery and related equipment. Specialising in cutting-edge solutions, we empower businesses with the highest quality machinery and unmatched service and support.

Our solutions-oriented approach prioritises customer satisfaction by delivering reliable products tailored to diverse needs and applications. With a focus on quality and service, we work closely with our clients throughout every step of their journey, ensuring they receive solutions designed to enhance operations and achieve their goals.

Backed by over 70 years of combined experience, our team collaborates directly with manufacturers to drive innovation and deliver machinery that meets the evolving demands of modern industries. At Laser Machines, we don't just supply equipment - we provide expertise, partnerships, and the tools for success.



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