



GT SERIES

High-Speed Sheet Laser Cutter

Low-pass Filtering

8 Hz

Max. Linkage Acceleration

2.0 G

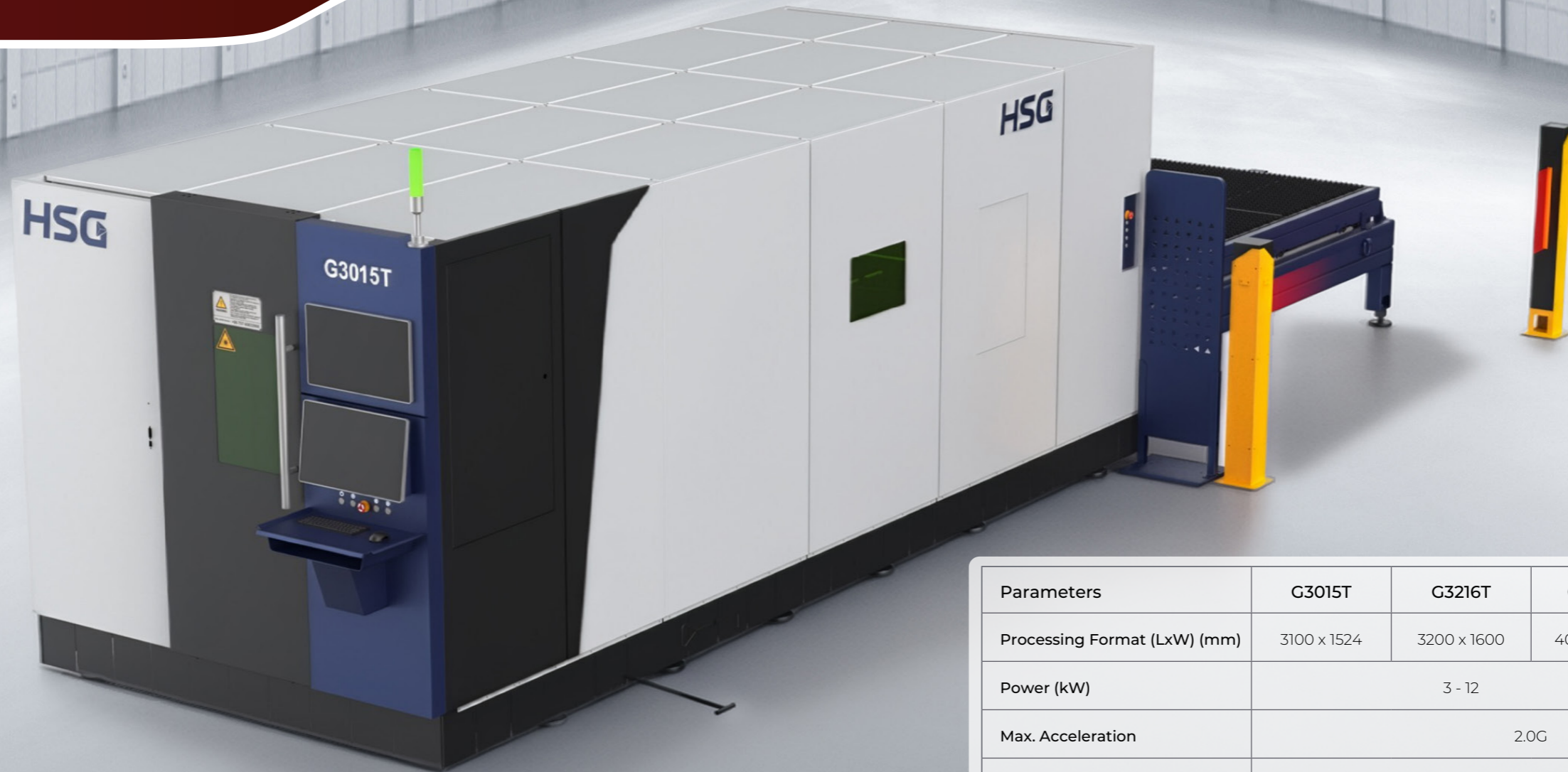
Overall Costs Reduced by

≈45%*

*Compared to Standard Models

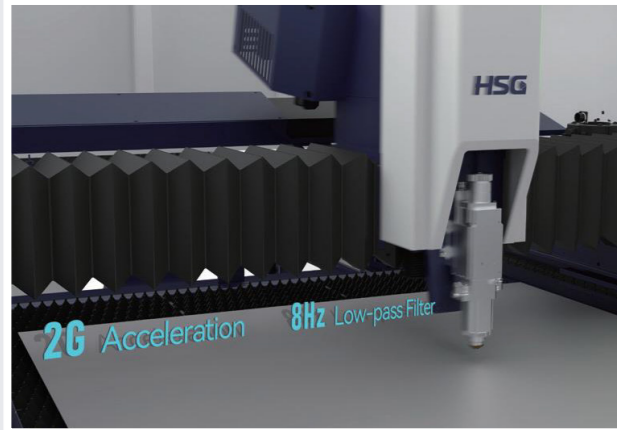
HSG GT SERIES

The HSG GT Series is engineered for faster production, greater precision, and lower operating costs. Combining high-speed dynamic performance with a rigid machine structure and advanced cutting technology, the GT Series delivers reliable, accurate results across a wide range of sheet metal applications. Designed to maximise productivity while maintaining exceptional cut quality, the GT Series is built to meet the demands of modern manufacturing environments.



Parameters	G3015T	G3216T	G4020T	G6025T
Processing Format (LxW) (mm)	3100 x 1524	3200 x 1600	4064 x 2040	6100 x 2540
Power (kW)	3 - 12			6 - 12
Max. Acceleration	2.0G			
Max. Linkage Speed	200 m/min			
Low-pass Filtering	8Hz			

FEATURES



High-Speed Precision

The new GT High-Speed Cutting Machine combines ultra-high performance with exceptional dynamic stability. Delivering up to 2G acceleration and equipped with 8Hz high-pass filtering, the GT maintains outstanding cutting accuracy even during long-term, high-speed operation.



Precision Motion Control

The integrated gear reduction system works like a precision transmission, ensuring smooth and highly controlled machine movement. Complex parts can be completed accurately in a single pass, reducing the need for rework, polishing, and unnecessary material waste.

Lower Operating Costs

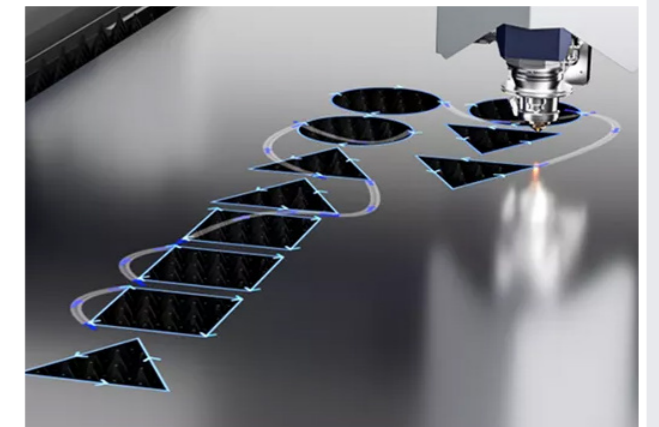
Using the processing of ten 1mm stainless steel sheets with complex shapes as an example, the GT reduces labour, electricity, gas consumption, and processing time. The result is improved efficiency across multiple areas and up to 45% lower overall operating costs.

	GX	GT
Processing Time	2 Hours	1.1 Hours
Labor Costs	\$110	\$60.50
Electricity Costs	\$18	\$9.90
Assist Gas Costs	\$45	\$24.75
Total Cost	\$173	\$95

*Based on factory testing and estimated average Australian operating costs. Actual operating costs and performance may vary depending on application, materials, and operating conditions.

Optimised Cutting Paths

The advanced one-stroke flying cutting algorithm automatically optimises cutting paths for smooth, uninterrupted operation. By reducing unnecessary movement and improving production flow, it shortens cycle times, increases efficiency, and adapts quickly to mixed small-batch production.



Increased Productivity

Designed for instant high-speed cutting with reliable and consistent performance, the GT significantly increases hourly output. Orders can be completed up to 30% faster than with standard machines, helping reduce lead times while lowering labour and overhead costs.



Rigid Machine Structure

A high-rigidity chassis structure combined with a fully annealed bed frame provides exceptional strength and resistance to heat and deformation. Triple-row anchoring and densely clamped guide rails create a rigid, automotive-grade machine platform that maintains ultra-high precision during continuous high-speed operation.

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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