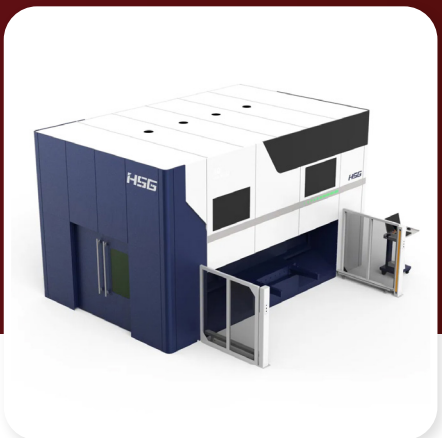
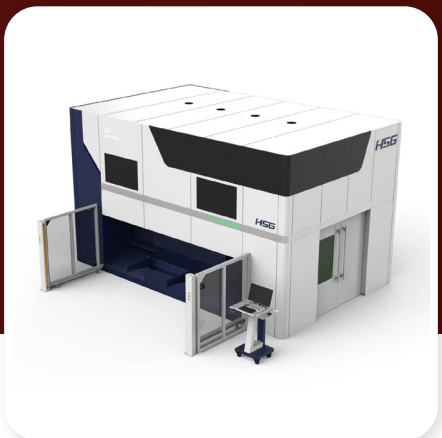
LASER MACHINES



CELL 3015G

3D Five-axis Laser Cutting Machine





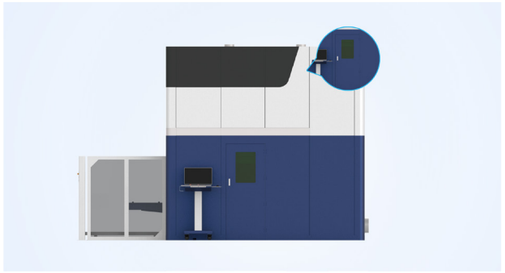


HSG **CELL 3015G**

The HSG Cell 3015G is an advanced 3D five-axis fibre laser cutting system engineered for manufacturers who require exceptional precision, flexibility, and performance when processing complex components. Designed to handle intricate geometries and multi-angle cutting tasks, this high-end solution enables accurate beveling, contour cutting, and three-dimensional profiling in a fully automated workflow.

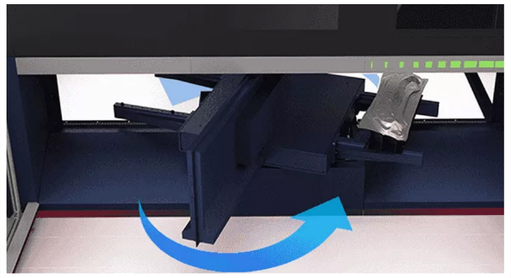


FEATURES



Fully-closed Structure

The machine is equipped with a top cover, creating a fully enclosed structure to maintain a clean working environment. It also features safety interlocking doors that ensure a completely sealed workspace during operation.



Double-station Turn Table

Built with a carbon steel base for durability, the turn table features two stations, each driven by a powerful servo motor. This design allows the table to rotate between stations in just 3 seconds, significantly speeding up production.

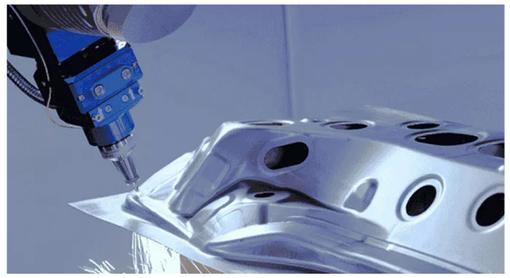
Video Monitoring Cameras

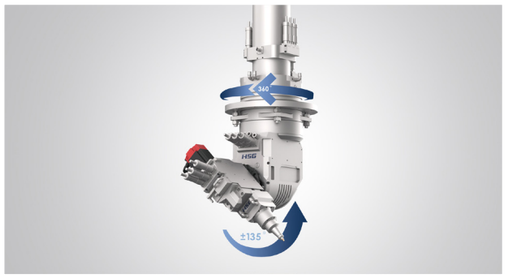
The machine is equipped with HD cameras that allow operators to monitor the entire cutting process from the control console. A display screen on the front of the machine shows real-time machining status, giving operators a clear view of the operation as it happens.



Five-axis Simultaneous Movement

Capable of precise cutting on 3D surfaces, including angled and bevel cuts, for complex parts.





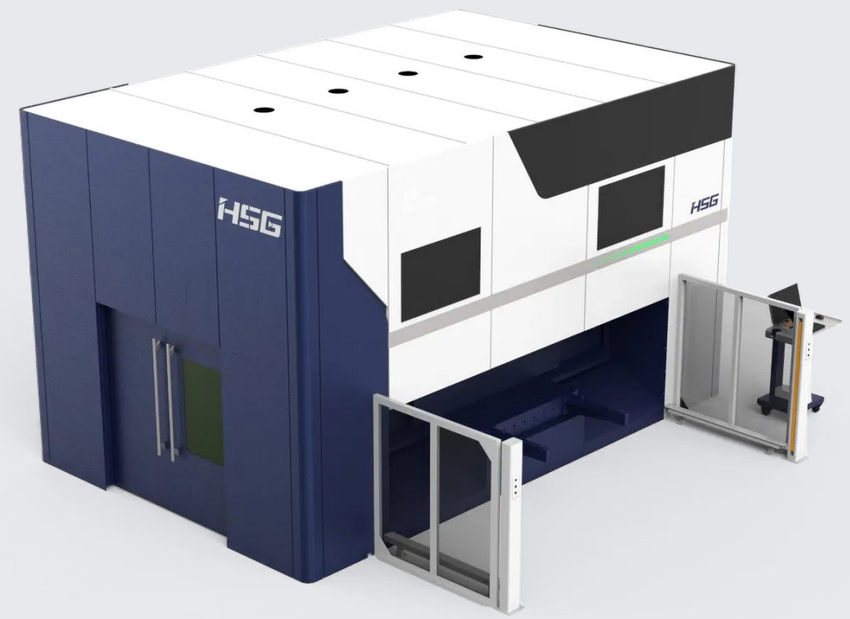
LA5 Five-axis Linkage Cutting Head

The LA5 Five-axis Linkage Cutting Head, developed by HSG Laser, is designed specifically for 3D cutting. It features full 360° rotation and a ±135° swing for versatile, precise cuts. With slender nozzle units and a reliable airway design, it ensures consistent cutting quality and performance.

FANUC Five-axis Linkage Control System

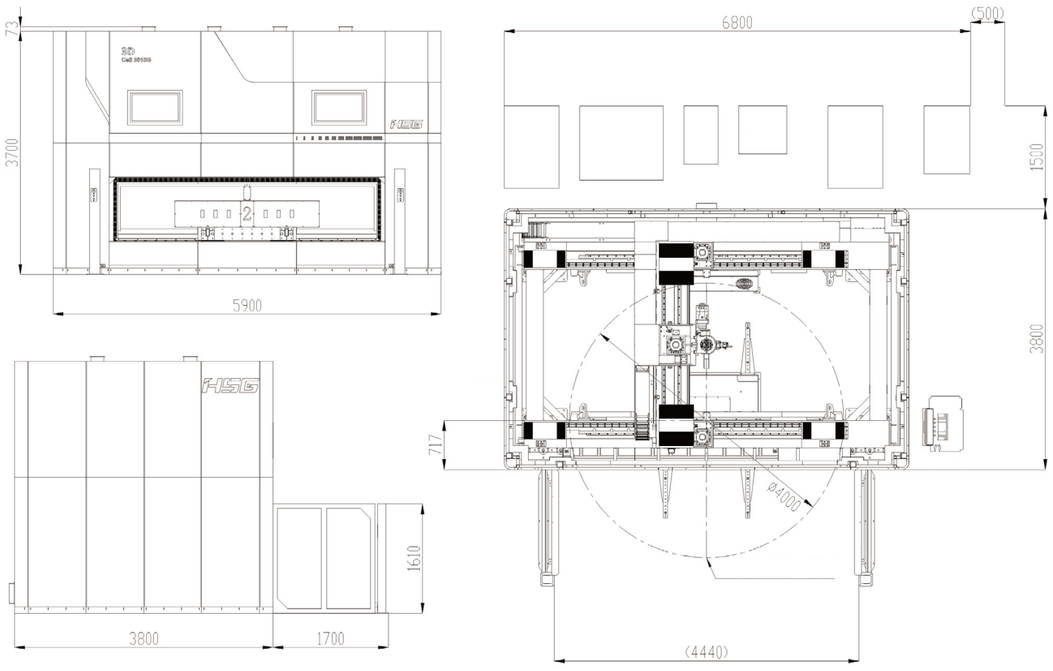
The FANUC system enables high-speed, precise 3D five-axis laser cutting by seamlessly integrating laser output with servo control. Its advanced and dynamic control technology ensures smooth and accurate machining, delivering excellent cutting results.





SPECIFICATIONS

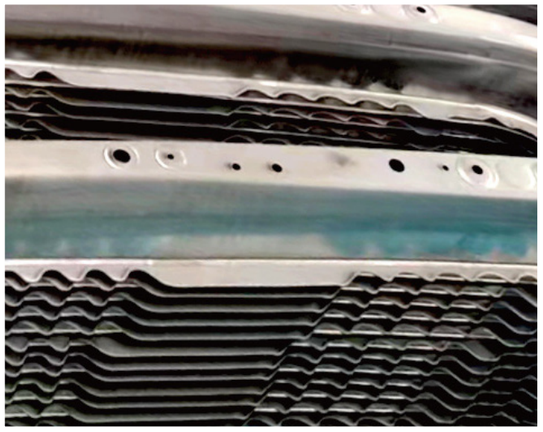
Parameters	CELL 3015G
Working Area (L x W) (mm)	3000 x 1500
Power (kW)	3 - 6
X/Y/Z Axis Positioning Accuracy	±0.05 mm/m
X/Y/Z Axis Repositioning Accuracy	±0.03 mm
C Axis Acceleration	100rad/s²
B Axis Acceleration	200rad/s²
Max. Acceleration of X/Y/Z	1.0G



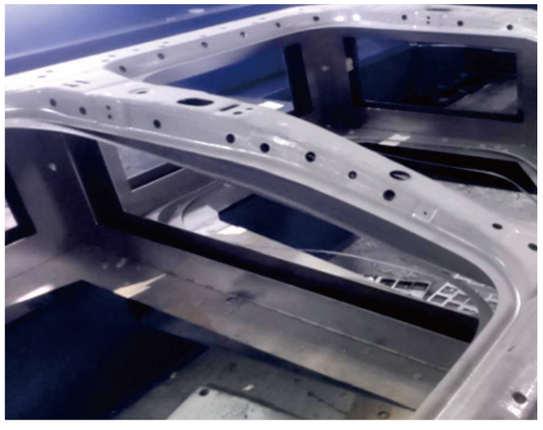












LASER MACHINES

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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