

# GX SERIES

Double Exchange Platform Laser Cutter

3000 - 30000W

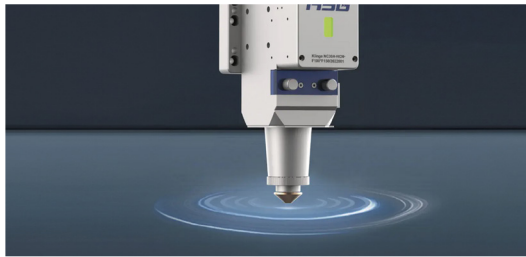


# FEATURES



## 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.



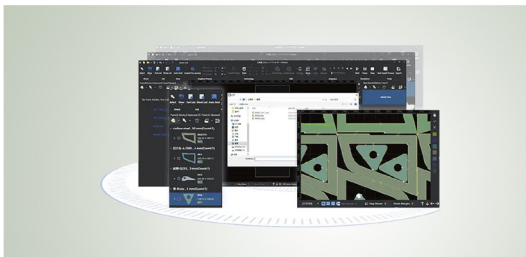
## Follow-up Response Technology

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



## Fully Functional Processing Technology

High-speed microjoining, nano microjoining, counterbore technology, and non-inductive perforation ensure precision. Manual and automatic edge tracing, an anti-collision beam, and coaxial visual sensing enhance safety and accuracy while efficiently handling small material fragments.



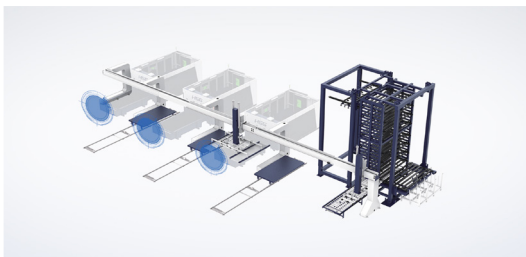
## Professional Nesting Software

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.



## Graphics and G Code Software Support

The Alpha T system supports seamless integration with various brands of equipment through code conversion software, ensuring exceptional compatibility.



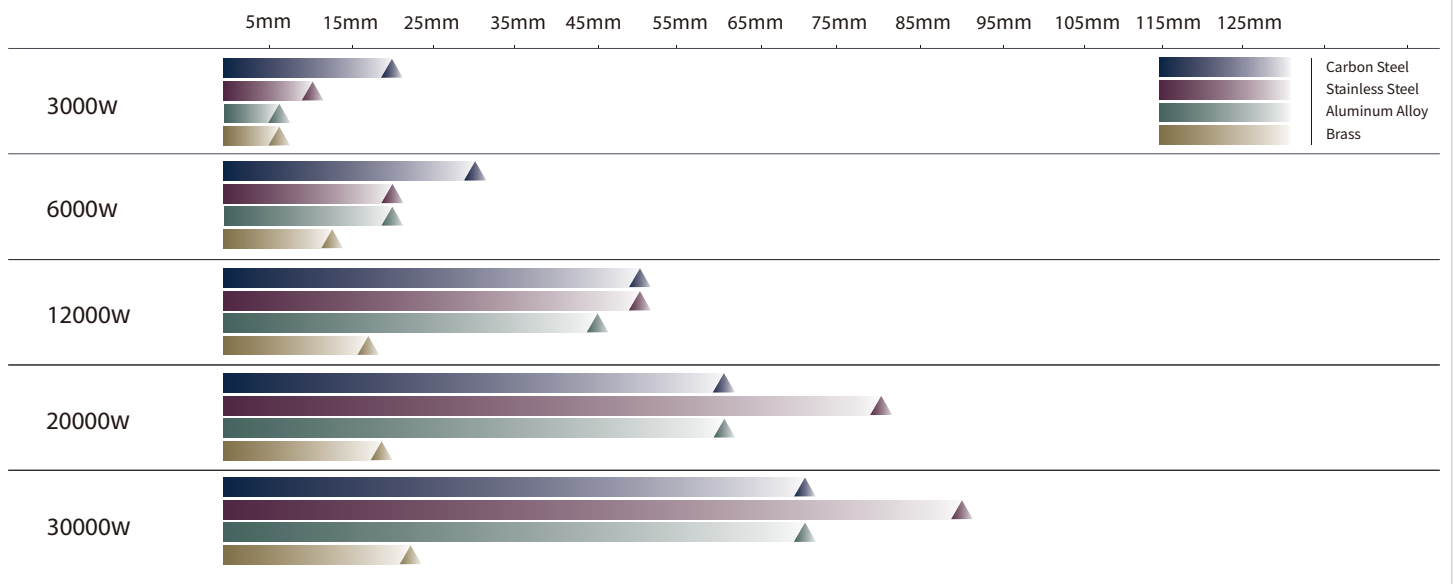
## Smart Factory Integration with Centralised Control

Seamlessly integrates with material towers and automated loading/unloading systems to enable fully automated production lines. The intelligent system generates production reports with a single click.

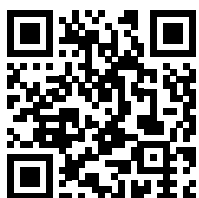
# SPECIFICATIONS

Parameters	G3015X	G4020X	G6025X	G12025X
Processing Format (LxW) (mm)	3048 x 1524	4064 x 2040	6096 x 2540	12500 x 2540
Power (kW)	3 - 20	3 - 20	3 - 20	12 - 30
X/Y Axis Positioning Accuracy	±0.03 mm/m	±0.03 mm/m	±0.03 mm/m	±0.03 mm/m
X/Y Axis Repositioning Accuracy	±0.03 mm	±0.03 mm	±0.03 mm	±0.03 mm
Max. No-load Speed	140 m/min	140 m/min	120 m/min	120 m/min
Max. Acceleration	1.5G	1.5G	1.5G	1.5G
Overall Capacity (kW) / Current (A)	21 / 43 (3000W) 31 / 63 (6000W) 52 / 104 (12000W) 79 / 158 (20000W)	23 / 45 (3000W) 33 / 65 (6000W) 53 / 106 (12000W) 80 / 161 (20000W)	26 / 51 (3000W) 36 / 71 (6000W) 56 / 112 (12000W) 83 / 167 (20000W)	59 / 118 (12000W) 86 / 173 (20000W) 120 / 241 (30000W)
Max. Loading Weight (kg)	885 (3-6kW) 1400 (12-20kW)	1570 (3-6kW) 2500 (12-20kW)	2950 (3-6kW) 4800 (12-20kW)	9500 (12-20kW) 12000 (30kW)
Overall Dimensions (LxWxH) (mm)	9380 x 2260 x 2250	11650 x 3550 x 2480	16250 x 4150 x 2480	29375 x 4150 x 2480
Machine Weight (kg)	5700 (3-6kW) 6900 (12-20kW)	7200 (3-6kW) 7600 (12-20kW)	12500 (3-6kW) 13600 (12-20kW)	28000 (12-20kW) 30000 (30kW)

## Laser Power



# CUTTING SAMPLES



[lasermachines.com.au](http://lasermachines.com.au)

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**LASER MACHINES**