

PG

Series

Full-Protective Sheet Laser Cutting Machine

1,500W-40,000W



#01 High Speed

#02 High Protection

#03 High Precision

● **Powerful Thick Plate Cutting, Beyond Imagination**
High-power Thick Plate Cutting Technology

● **Bus System, Intelligent and Efficient**
Intelligent Bus Control System

● **Over all Processing, Intelligent and Efficient**
Intelligent Dispatch, Well-coordinated

Advanced Heat-Resistant Design #1

The machine bed uses mineral fireproof materials to significantly reduce the risk of heat distortion during heavy-duty processing, extending the equipment's service life.



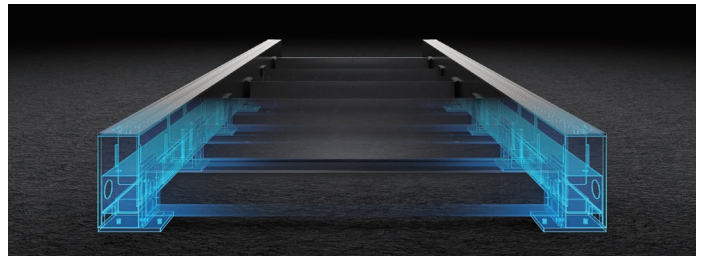
Adaptive Anti-Collision Sensing #2

Equipped with intelligent sensing to actively detect and avoid unexpected obstacles during operation, preventing collisions between the cutting head and workpiece, enhancing equipment safety and reducing maintenance costs.



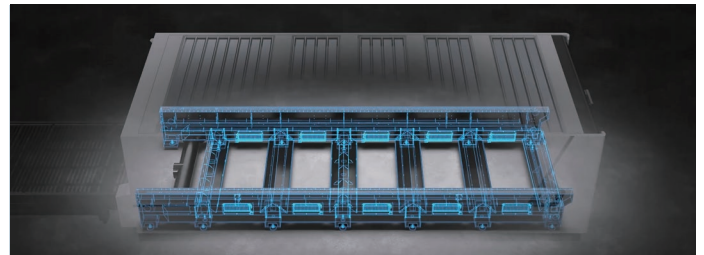
High-Rigidity Structure #3

Upgraded structural design with anti-burning features effectively reduces thermal deformation. Ensures smoother high-speed motion and long-term cutting precision for efficient, stable production.



Upgraded Dual-Beam Bed Structure for Maximum Durability #4

The dual-beam frame design enhances overall machine rigidity and torsional resistance, improving long-term stability. Resists deformation during extended high-speed or heavy-load cutting, ensuring precision and durability for thick sheet applications.



Technical Parameters	PG3015	PG4020	PG6020	PG6025
Power	1500W - 12000W	1500W - 40000W	1500W - 40000W	1500W - 40000W
Max.running speed	115m/min	120m/min	120m/min	120m/min
Max.acceleration	1.5G	1.5G	1.5G	1.5G
Positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
Repositioning accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm