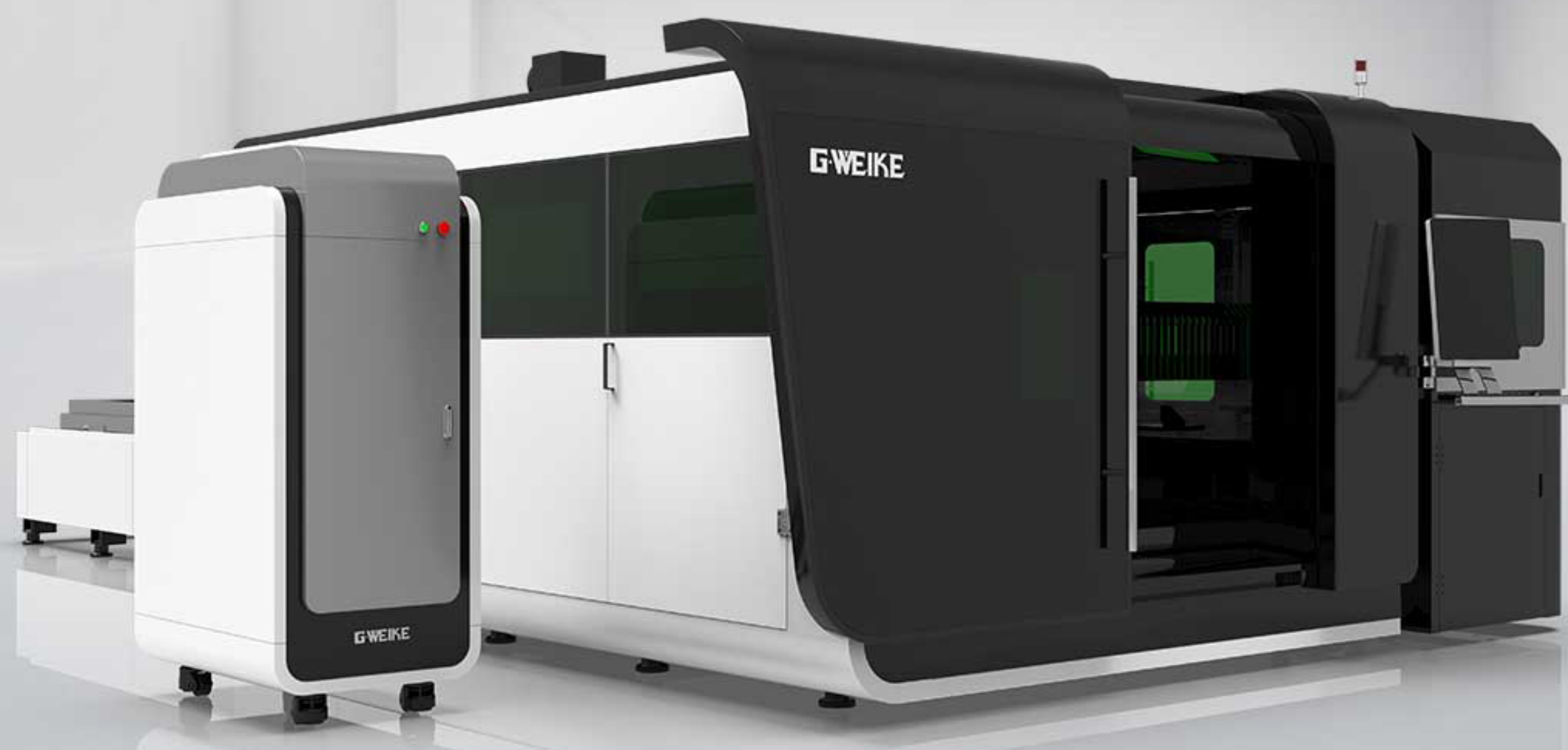


HIGH POWER/TUBE & PLATE

GAR SERIES WHOLE COVER LASER CUTTING MACHINE



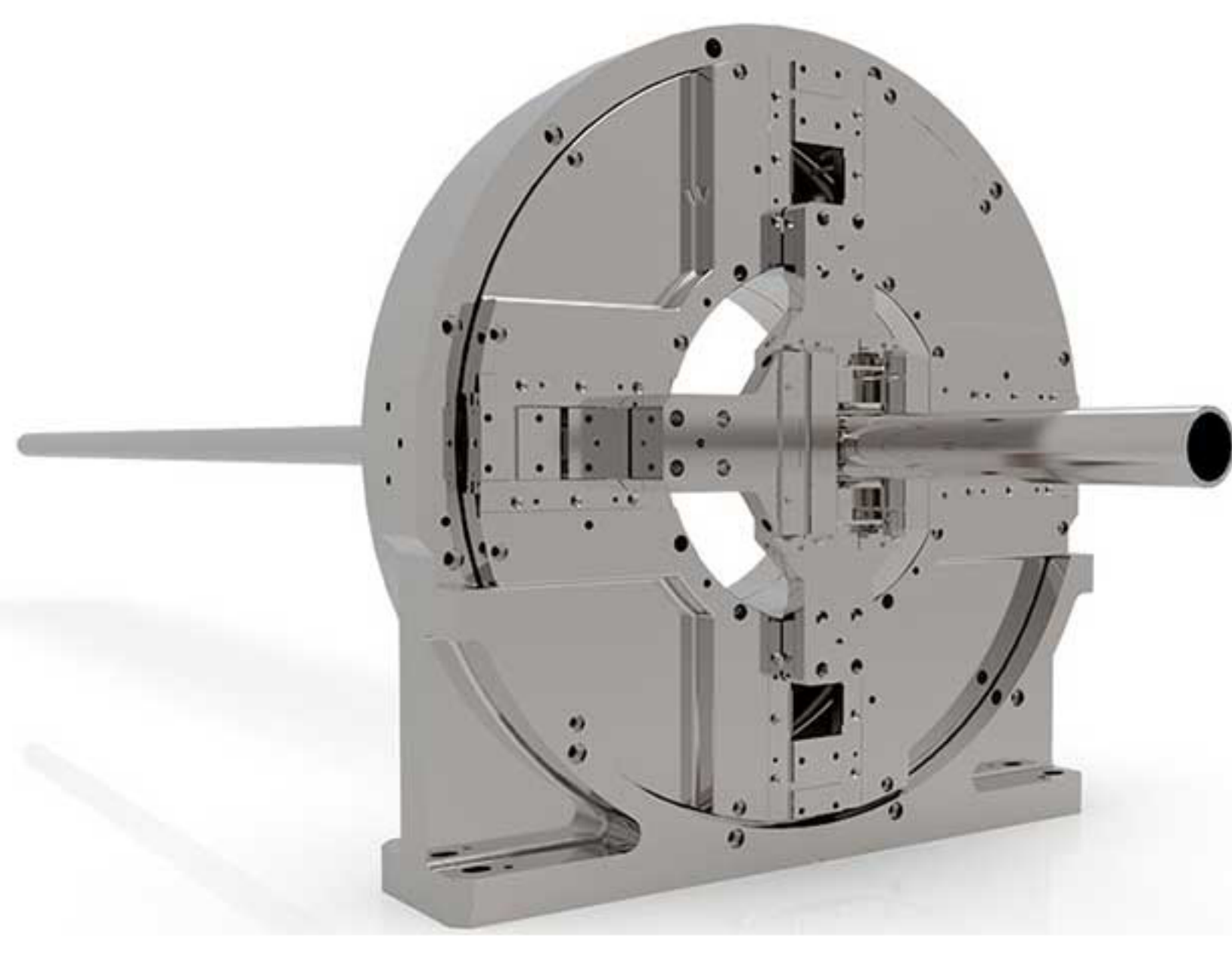
Autofocus Laser Cutting Head

- Without Manual Focusing**
 The software automatically adjusts the focusing lens to realize automatic perforating and cutting plates of different thickness. The speed of automatically adjusting focus lens is ten times of the manual adjusting.
- Bigger Adjustment Range**
 Adjustment range -10 mm~ +10mm, precision 0.01mm, suitable for 0 ~ 20mm different types of plates.
- Long Service Life**
 Collimator lens and focus lens both have water-cooling heat sink which reduces the temperature of the cutting head to improve the life of the cutting head.



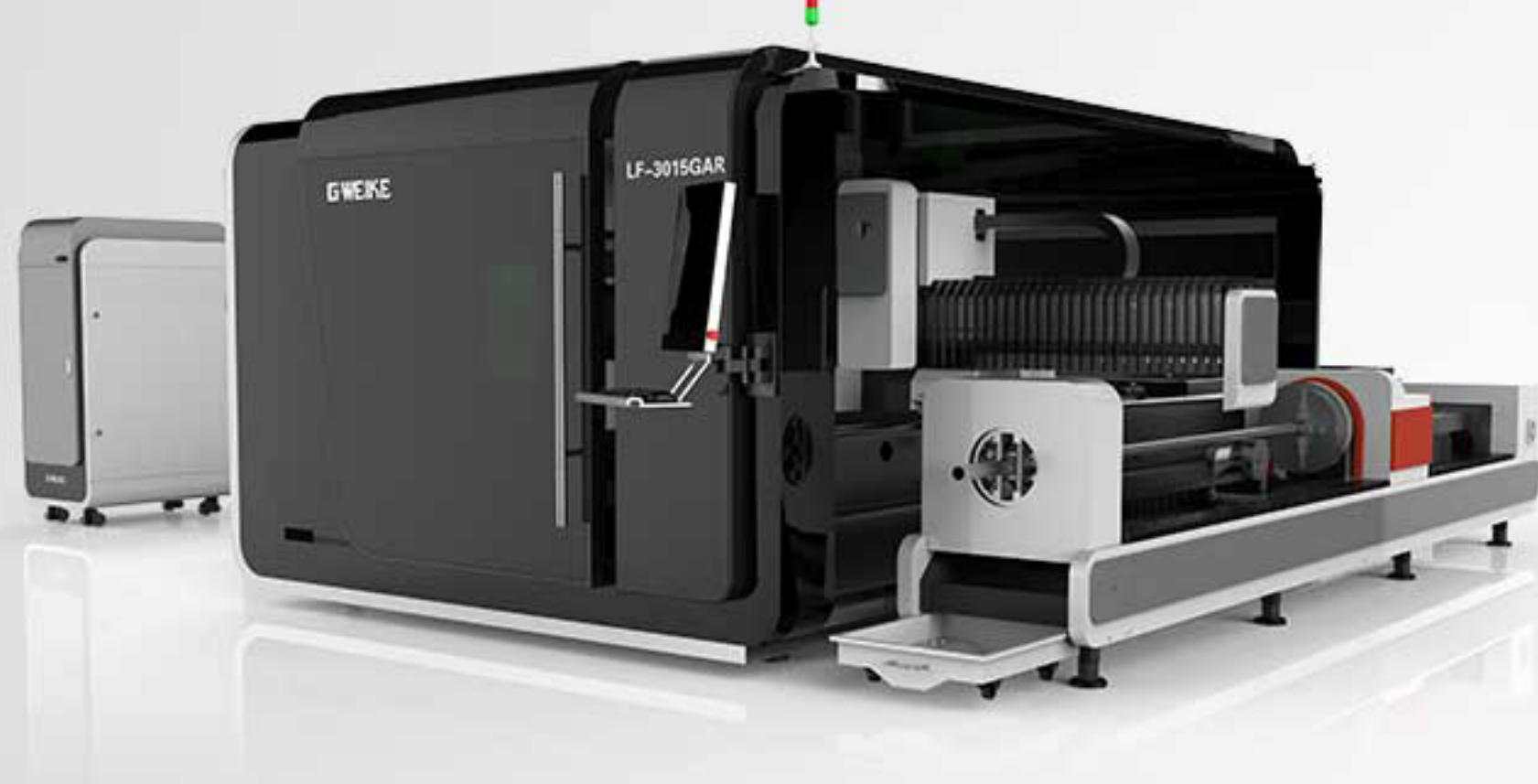
Plate Welding Heavy Work Bed

- Annealed And Heat Treated**
 Plate welding heavy work bed, no deformation in 20 years, suitable for ultra-high power 10,000-watt laser. The increase in weight is very beneficial to the laser cutting machine cutting speed.
- Innovative Four Slings Working Bed**
 For reducing damage to the work bed during laser working, G·WEIKE innovated the new work bed by adding four slings, and the life span of the fiber laser cutting machine work bed will be doubled.



Clamp Design

- It adopts an pneumatic clamp design on both sides and it can modulate the center automatically. The diagonal adjustable range is 20-300mm.



Dual Use And Cost-saving

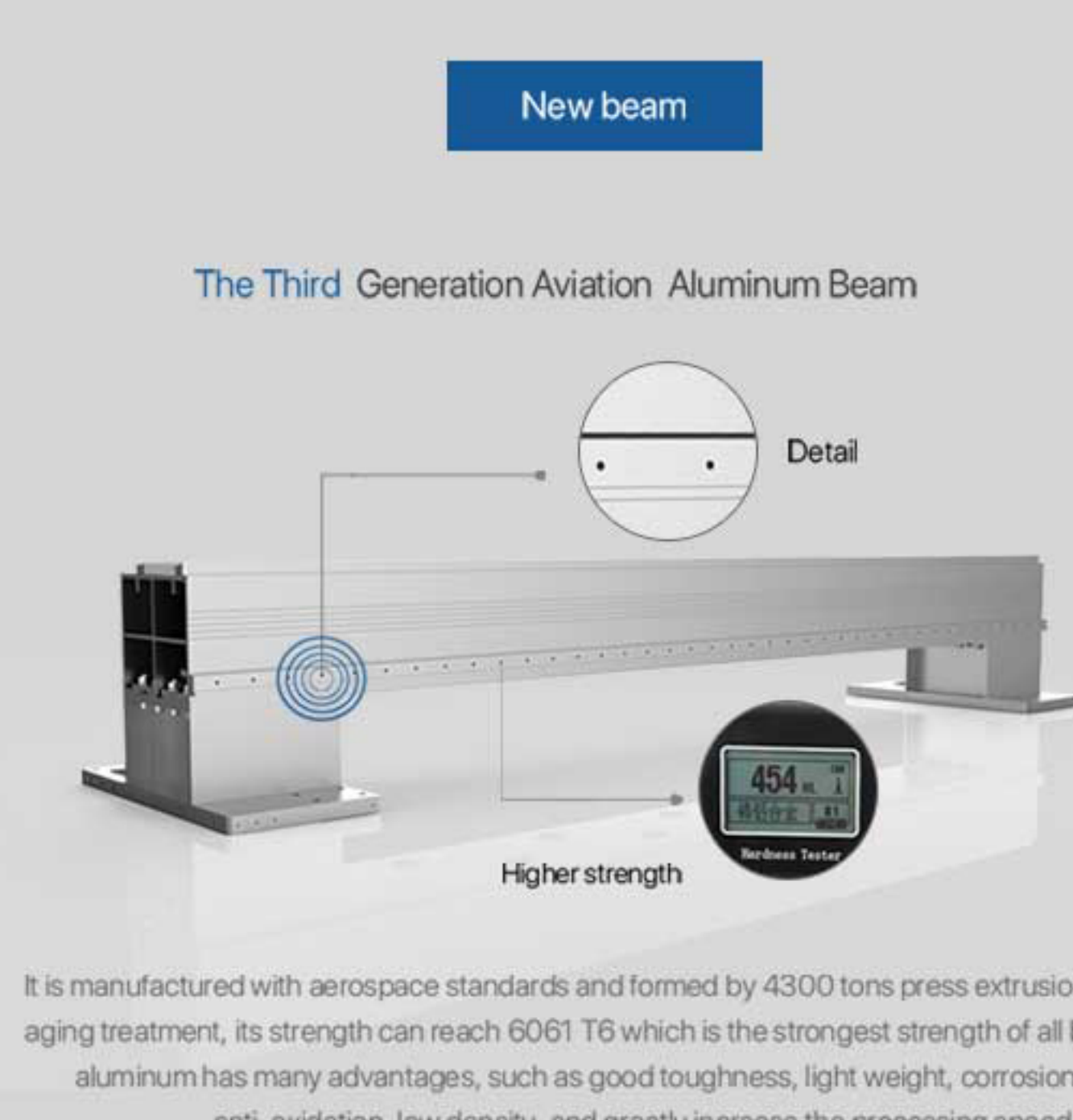
- G·WEIKE GR series fiber laser cutting machine can not only cut metal plates, but also metal pipes. It has many uses and can save the space of more than 50%, which effectively improves productivity.



12000W IPG Fiber Lasers Source

- World Famous Brand**
 G·WEIKE laser cutting machine YLS-CUT series high power fiber laser of IPG. Powerful cutting ability with stainless steel, aluminum and other metal materials; cutting thickness is up to 40mm.
- Long Service life**
 The world leading IPG laser has stable performance, the service life can reach 100,000 hours, and the overall quality of the equipment can be guaranteed safely.
- Stable Cutting Performance**
 Fiber laser source can produce excellent beam quality, finer cutting lines, higher working efficiency and better machining quality. Fully closed constant temperature working environment makes laser source more effective to ensure the stable operation.

Generation Aviation Aluminum Beam



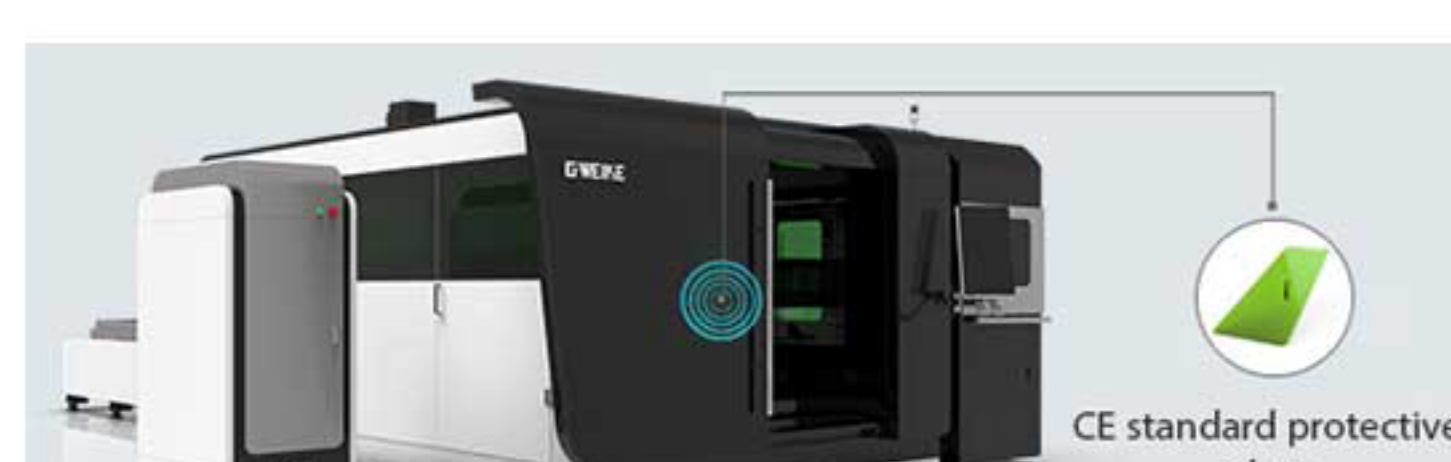
VS



Machine Advantage

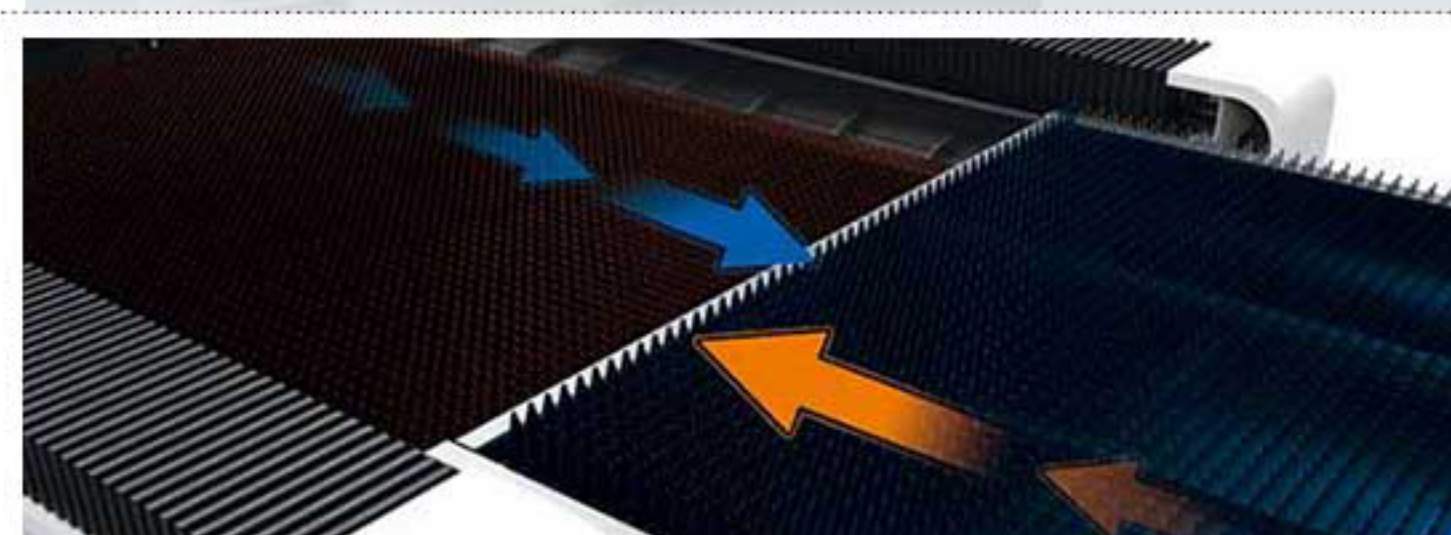
Safety And No Pollution

With a fully enclosed design. The observation window adopts an European CE Standard laser protective glass. The smoke produced by cutting can be filtered inside, it's non-polluting and environmentally friendly!



Exchanging Platform

It adopts an up and down exchange platform, and the converter is responsible for controlling the exchanging motor. The machine is able to finish the platform



Fractional Automatic Support Installation

It employs intelligent tube support design, which can solve the deformation problems in the process of long tube cutting.



Industry Applications

LF3015GR fiber laser cutting machine can carry up to 8000W laser power, so cutting some thick plate, it is a very good choice. For example, agricultural machinery, textile machinery, food machinery and construction machinery and other large machinery and equipment manufacturing, usually use high power fiber laser cutting machine for processing. Suitable for stainless steel, carbon steel, silicon steel, aluminum alloy, titanium alloy, galvanized steel, aluminum-plating zinc plate, copper, and other metals.



Technical Parameters

E Series		
Machine model	LF3015GAR	LF4020GAR
Laser power	500W 700W 750W 1000W 1500W	500W 700W 750W 1000W 1500W
Working area	3000MM X 1500MM	4000MM X 2000MM
Dimensions	9500*3760*2520MM	11500*4260*2520MM
Repeat positioning accuracy	±0.02MM	±0.02MM
Maximum speed	120M/MIN	120M/MIN
Max. acceleration	1.5G	1.5G
Voltage and frequency	380V 50HZ/60HZ	380V 50HZ/60HZ

JINAN G·WEIKE SCIENCE & TECHNOLOGY CO.,LTD

In hi Tech square High-Tech Zone, Jinan, Shandong, China

E-mail: wkcutt@163.com

Hotline: 400-061-521

Fax: +86-0531-88912386