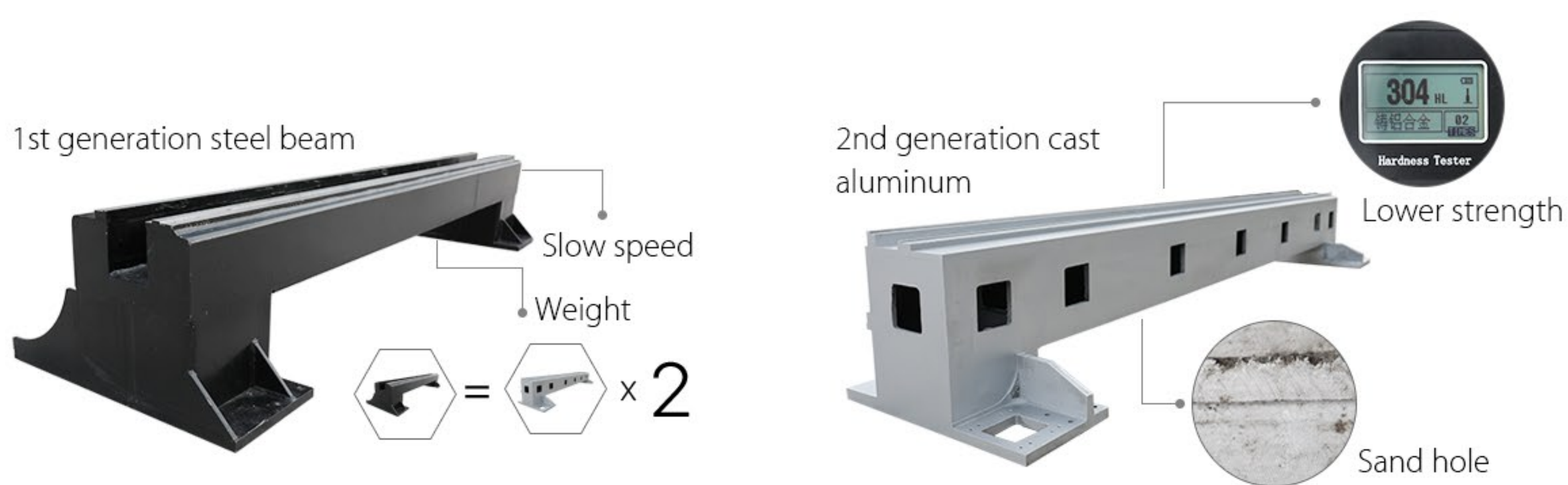


LF3015L

HIGH POWER FIBER LASER MACHINE



The Third Generation Aviation Aluminum Beam



3rd generation aviation aluminum beam

It is manufactured with aerospace standards and formed by 4300 tons press extrusion molding. After aging treatment, its strength can reach 6061 T6 which is the strongest strength of all beams. Aviation aluminum has many advantages, such as good toughness, light weight, corrosion resistance, anti-oxidation, low density, and greatly increase the processing speed.



Without Manual Operation, It Can Focus Automatically



- **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.

Drive and Accuracy

G·WEIKE fiber laser cutting machine is equipped with Japanese Yaskawa motor, French Motovario reducer and Taiwan APEX rack. The positioning accuracy of the machine tool can be 0.02mm and the cutting acceleration is 1.0G. The working life is more than 10 years.



Technical Parameters

Machine Model	LF3015L/LF4515L1000W 2000W 3000W(Optional)
Laser Power	1000W 2000W 3000W(Optional)
Dimensions	4440* 2500*1860mm 6140*2605*1850mm
Working Area	3000mm * 1500mm
Repeated Positioning Accuracy	±0.02mm
Max.Running Speed	80m/min
Max. Acceleration	1.0G
Specified Voltage and Frequency	380V 50Hz/60Hz/60A

Industry Applications

LF3015L fiber laser cutting machine as one classic model, widely used in life, such as processing of stainless steel kitchenware, storage cabinet and other cabinets, is closely related to people's daily life.



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