

# LF3015GA

## WHOLE COVER FIBER LASER CUTTING MACHINE





## 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 filtrated inside, it's non-polluting and environmentally;
- The weight of machine is 7500kg.

# The Third Generation Aviation Aluminum Beam



## The Segmented Rectangular Tube Welded Bed

- The internal structure of the bed adopts the aircraft metal honeycomb structure, which is welded by a number of rectangular tubes. Stiffeners are arranged inside the tubes to increase the strength and tensile strength of the bed, it also increases the resistance and stability of the guide rail so as to effectively avoid the deformation of the bed.
- High strength, stability, tensile strength, ensuring 20 years of use without distortion; Thickness of rectangular pipe wall is 10mm and weights 4500 kg.



Higher strength

# **Exchanging Platform** It adopts an up and down exchange platform;

- The converter is responsible for controlling the exchanging motor; The machine is able to finish the platformexchanging within 15s.

# Without Manual Operation, It Can Focus Automatically Without manual focusing



German Tech Quality

Machine Model

Laser Power

Dimension

### The software automatically adjusts the focusing lens to realize automatic perforating and cutting plates of different thcikness. 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.

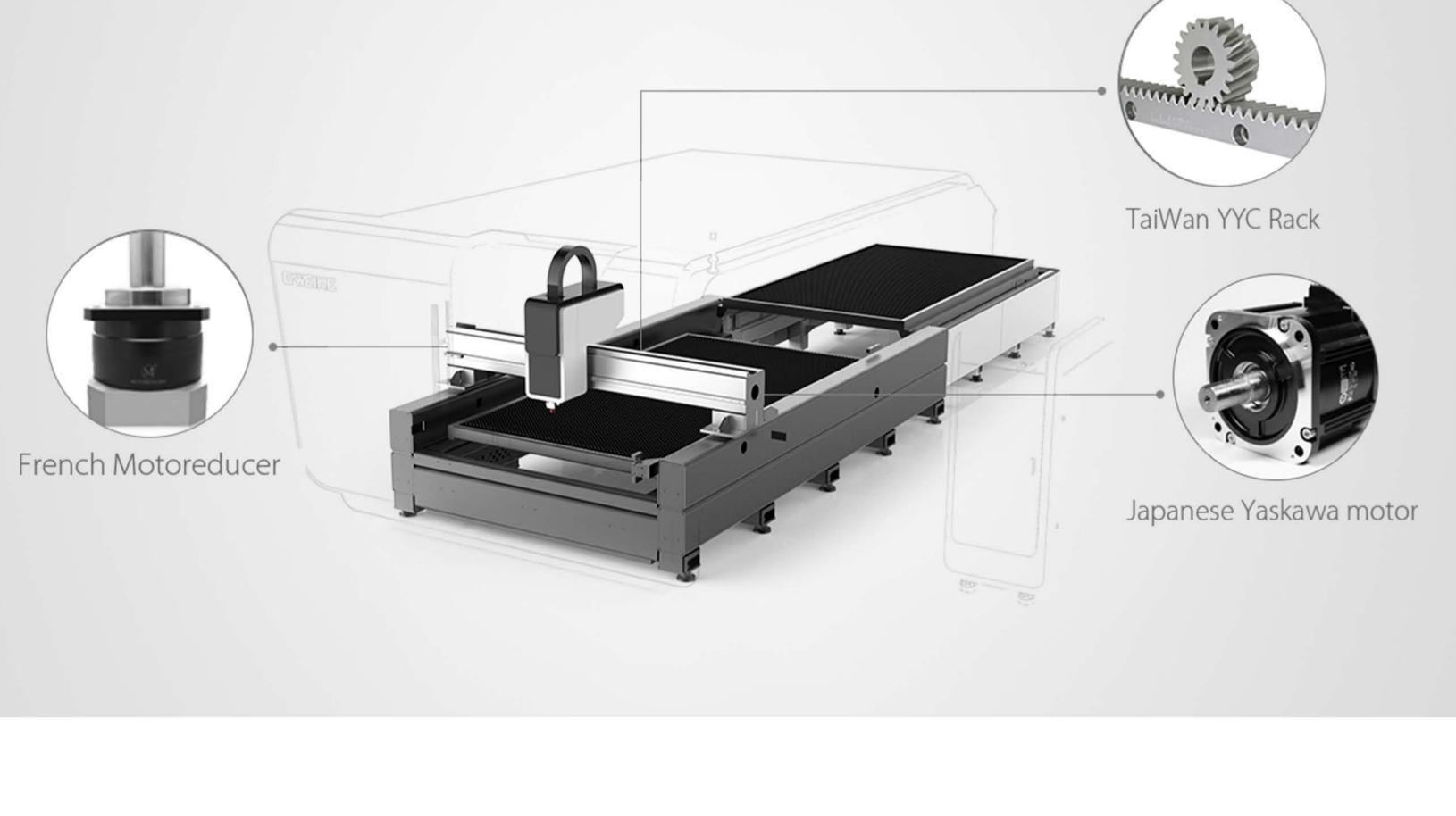
Long service life

reduces the temperature of the cutting head to improve the life of the cutting head.

Collimator lens and focus lens both have water-cooling heat sink which

### G-WEIKE fiber laser cutting machine is equipped with Taiwan YYC rack, Japanese Yaskawa motor and French Motoreducer. The repeat positioning accuracy of the machine tool can be 0.02mm and the cutting acceleration is 1.5G. The working life is up to 10 years.

Transmission and Precision



### 1000W 2000W 3000W 4000W 6000W 8000W(Optional) 8150\*2825\*2125mm 9150\*2825\* 2125mm 9150\*3325\*2125mm

LF3015G/LF4015G/LF4020G

**Technical Parameters** 

Repeated Positioning Precision	±0.02mm
Max.Running Speed	100m/min
Max. Acceleration	1.5G
Specified Voltage and Frequency	380V 50Hz

Industry Applications

LF3015GA 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







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