

METAL AND NON-METAL  
LASER CUTTING MACHINE



LF1325LC



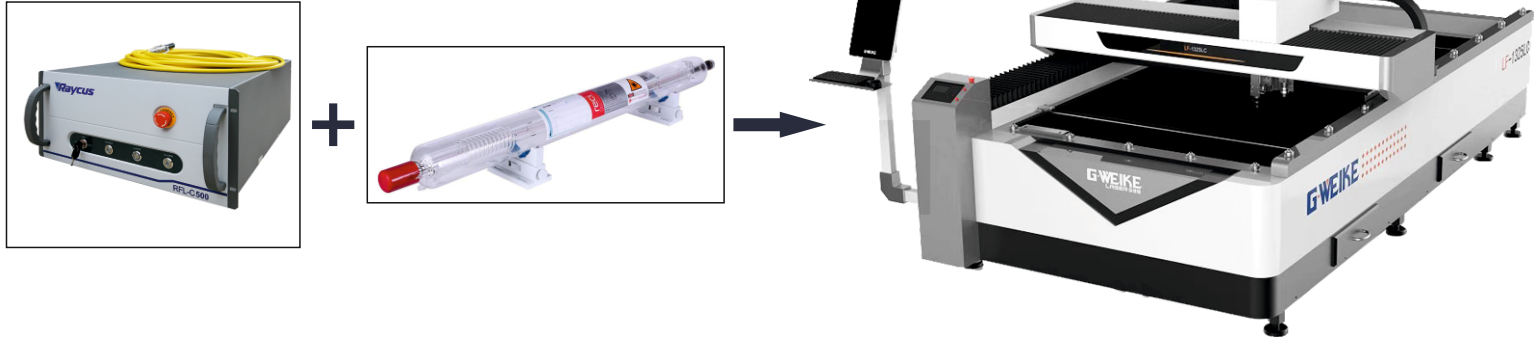
**G·WEIKE**  
LASER



## METAL AND NON-METAL CUTTING

### World Class Technology with Dual-Use Laser Machine

#### Dual Laser Source (Fiber & Co2):



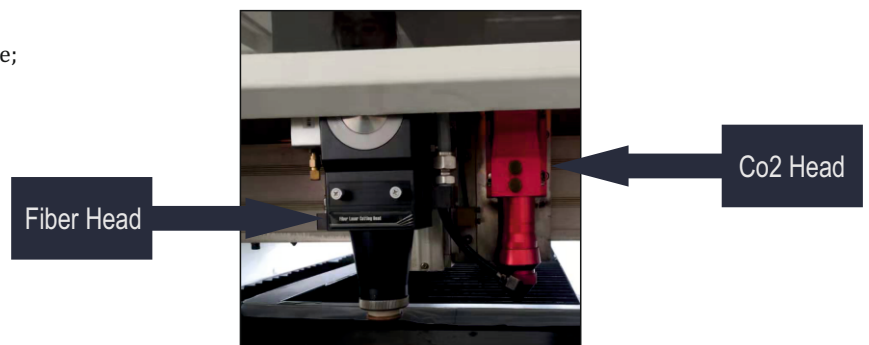
Combined with Fiber Laser Source up to 1000W and Co2 Laser Tube up to 150W, this machine is ideal for processing both metal and non-metal cutting applications with broad cutting range.

#### Dual Laser Cutting Heads:

Unlike the old Co2 Mixed laser machines, this newly developed laser machine is equipped with two laser heads for Fiber Laser and Co2 Laser separately. If Customer wants to cut Metals fiber laser cutting head will work and for Non-Metals Co2 Cutting head will work accordingly. The advanced control software from Au3Tech will work intelligently for both Co2 and Fiber cutting application and controls.

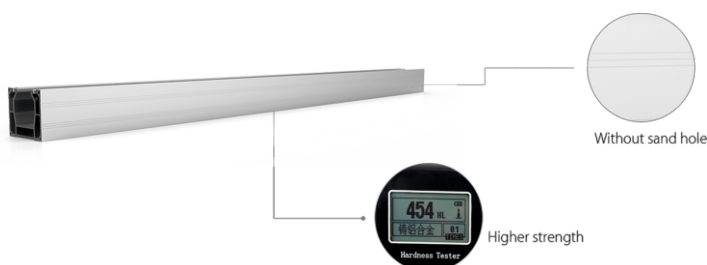
#### Advantage:

1. One machine can save over 30% electricity and 50% space;
2. Effectively enhance productivity.
3. No need for frequent Co2 laser tube replacement.
4. The life of fiber laser source is around 1,00,000 hours.
5. Low cost and long-term investment.



#### Machine Features

##### 3rd - Gen Aviation Aluminum Gantry



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

# LF1325LC

# TransmissionandPrecision



G-WEIKE fiber laser cutting machine is equipped with imported TBI ball screw, Delta servo motor and Hiwin guide rail.

The positioning accuracy of the machine can be 0.02mm, to ensure the cutting quality of metal and non-metallic materials.

## Cutting Parameters (mm):

Metal				
Power (W)	Mild Steel	Stainless Steel	Aluminium	Brass/Copper
500	Fine: 4 Max: 6	Fine: 2 Max: 3	1	-
750	Fine: 6 Max: 8	Fine: 3 Max: 4	2	-
1000	Fine: 8 Max: 12	Fine: 4 Max: 5	3	2
1500	Fine: 12 Max: 16	Fine: 5 Max: 6	4	3

Non-Metal		
Power (W)	Acrylic	MDF
130	15	8
150	20	10

## Industry Application

Due to the versatility of the LF1325LC, it plays an important role in the cutting of sheet metal and non-metallic materials such as wood and Plexiglas-glass. For applications that require metal and non-metallic materials, this machine is the best choice.

It Can Process

Metals: Stainless steel, Carbon Steel, Aluminum , Copper, Brass, Galvanized Steel, Titanium, etc.,

Non-Metals: Acrylic, MDF, Die board, etc.



## Technical Parameters

G-Weike Model	LF1325LC
Working Area	2500 x 1300 mm
Laser Source	Raycus (up to 1500W)
Laser Power	Reci 150W Co2 Laser Source
Laser Cutting Head	AU3Tech
Linear Guide Rails	Hiwin (Taiwan )
Transmission	TBI (Taiwan Ball Screw Guide)
Servo System	Delta (Taiwan)
Max Acceleration	1.0 G
Max Idle Speed	60 m/min
Positioning Accuracy	±0.03 mm
Re-Positioning Accuracy	±0.02 mm
Electric Components	Schneider (Germany)
Power Supply	220V / 380V / 50Hz /60Hz / 60A
Gross Power	<15 KW
Gross Weight	2500 Kg
Dimension	3800*1850*1300 mm



### Technical Support:

We at LIPI Marketing Pvt. Ltd., provide installation of the machines at customer's premises by our highly trained and experienced engineers who are trained at our principles factory. Our quick response time to customers complaints have been very well appreciated, and helps us to maintain a loyal customer base, Since we are well equipped with spares in the inventory and 24 x 7 online service support helps maintain low down time. Our service support extends to the customers in the following ways.



Immediate Telephone Response



Online Technical Support



Onsite Assistance



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