



Discover the precision of laser cutting

With LIJIE Fiber GL Series' versatility, it is the most advanced, industrial grade and cost effective laser cutting system in the market. Coupled with advance easy-to-use CNC Control Software, it allows to efficiently integrate into the workflow

Features



Multi Mode



Automatic Height Adjusting System



IPG Fiber Laser Source



Cypcut Control System

Reliability meets performance

A low maintenance LIJIE Fiber GL Series can reduce high labour cost of maintenance and eliminates having to replace regular consumable parts. With this, it helps to keep the running cost low and boost production highly at all time.

With a long rated laser life, user can spend more time improving production throughout and less time on setting up the machine.

Enhance cutting area

LIJIE Fiber GL Series is designed based on your production needs. With 3 different sizes of cutting area that you opt for, you can easily produce small or large materials.

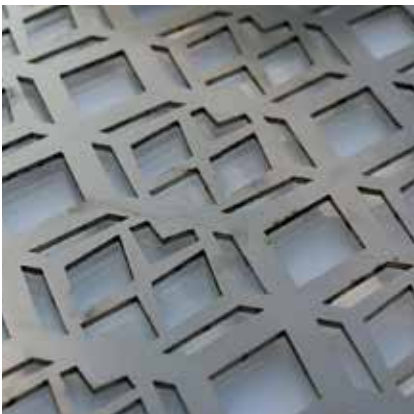
Why LIJIE FIBER GL Series?

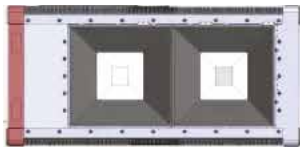
Equipped with an advanced fiber laser technology, it can cut through nearly any types of metal quickly and easily - with a high range of precision and accuracy.

Without compromising the speed, the LIJIE Fiber GL Series is capable of top quality finishing for carbon steel, galvanized sheet, electrolytic plate, aluminium plate and more.

Fiber Laser Source

Our German-made IPG Fiber Laser Source provides a highly reliable laser beam which provides consistent cutting power combined with high speed.





Two Zones Smoke Extracting System

The system is able to detect the cutting area and activate that smoke extracting zone automatically. Hence, it provides a more concentrated extraction



Dual Ball Screw with Driver Nut

The precision is much more accurate than rack and pinion system as the ball screw are in all axis



Three Connectors for Different Gases Auto Lubrication System

The usage of high pressure is able to be used for different metals cutting - O₂, N₂ & Air.



Auto Focus Cutting Head

With Auto Focus Cutting Head function, it is easy to cut different thickness of metal sheets

Cutting Parameters:

1000W Fiber Laser Source (IPG)				
Material	Cutting Thickness	Cutting Speed (m/min)	Max Cutting Thickness	Gas
Stainless Steel	1mm	10.0 - 12.0	5mm	Nitrogen
	2mm	4.0 - 5.0		
	3mm	2.0 - 3.0		
	4mm	1.2 - 1.6		
Mild Steel	1mm	8.0 - 9.0	6mm	Oxygen
	2mm	4.0 - 5.0		
	3mm	2.5 - 3.6		
	4mm	2.0 - 3.0		
	5mm	1.5 - 2.2		
Aluminium	0.5mm	6.5 - 10.0	3mm	Nitrogen
	1mm	8.0 - 12.0		
	2mm	3.8 - 4.5		

Specifications:

Model	GL1325	GL1530	GL2040
Size (Work Area)	1.27m x 2.54m	1.5m x 3.0m	2.0m x 4.0m
Laser Source	IPG Laser (Germany)		
Laser Power	1KW / 1.5KW / 2KW / 3KW		
Laser Wave Length	1070nm		
X-dual Ballscrew	Available		
Servo	Yaskawa		
Max Speed	30m/min		
Z Clearance	100mm	150mm	150mm
Controller	CypCut		
Vacuum Zone	2		
Power	380V / 20A		
Weight	1180kg	2280kg	3630kg

CAS TECHNOLOGY PTE LTD

A 10 Ubi Crescent
 #05-52 Ubi Techpark (Lobby C)
 Singapore 408564

T (65) 6742 8355

F (65) 6742 9897

W www.casttechnology.com.sg