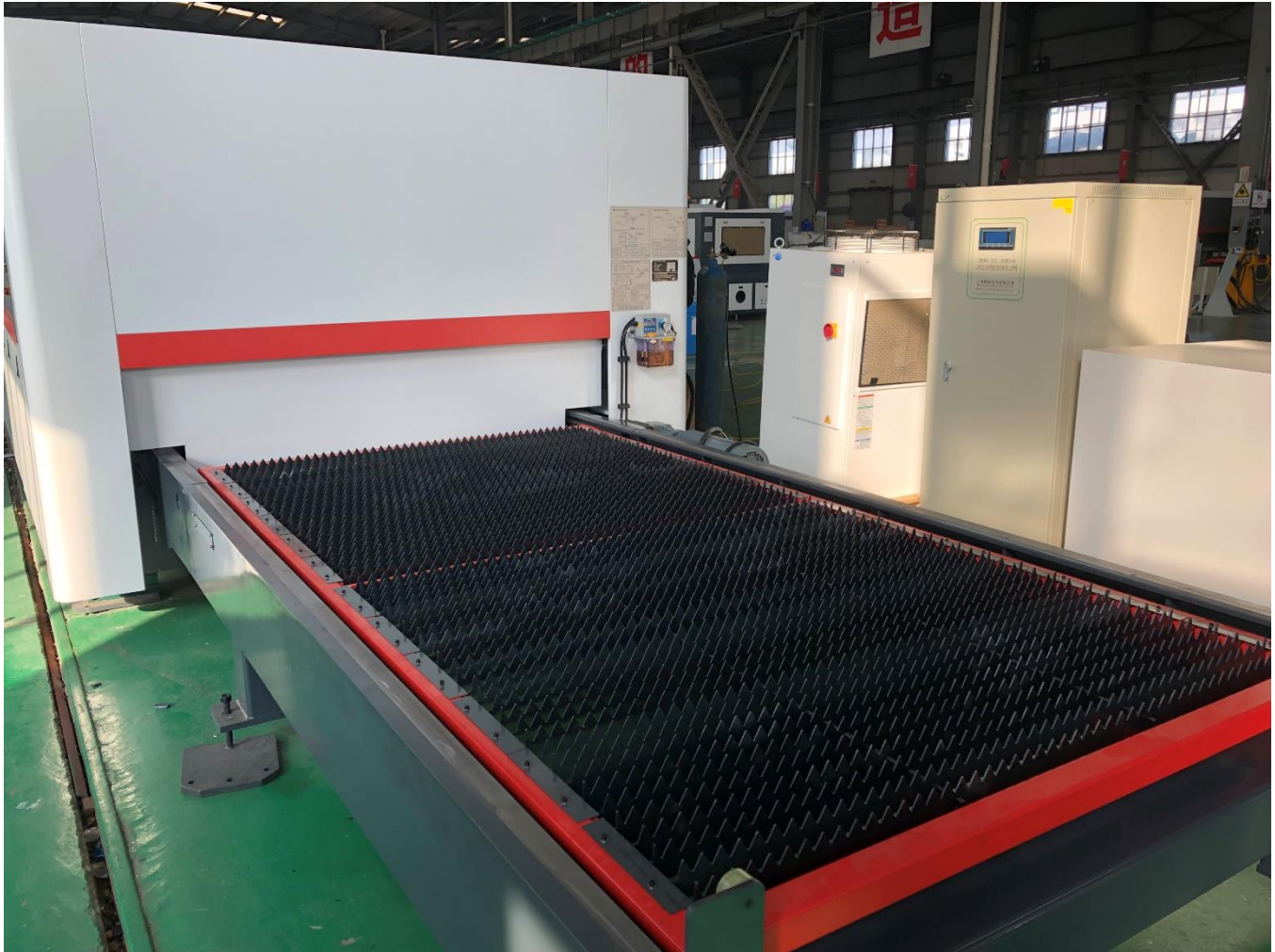


GF PLUS technical specifications :

Machine model	GF3015 PLUS / GF4022 PLUS / GF6025 PLUS		
Cutting area(length x width)	3m x 1.5m / 4m x 2.2m / 6m x 2.5m		
Fiber Laser Model (IPG or RAYCUS)	2000W	4000W	6000W
Laser wavelength	1,070-1,080nm	1,070-1,080nm	1,070-1,080nm
CS cutting thickness	12mm	16mm	20mm
SS cutting thickness	6mm	10mm	12mm
Al cutting thickness	4mm	8mm	10mm
Interface	USB,RJ45		
X-axis	Moving speed	100m/min	
	Stroke	3050mm / 4050mm / 6050mm	
	Position Accuracy	±0.05mm/m	
	Repeatability Accuracy	0.025mm	
Y-axis	Moving speed	100m/min	
	Stroke	1530mm / 2230mm / 2530mm	
	Position Accuracy	±0.05mm/m	
	Repeatability Accuracy	0.025mm	
Z-axis	Stroke	220mm / 250mm / 250mm	
Power supply requirement	380V/50Hz-60Hz/30A(36A)		
Continuous working time	24Hours		
Maximum Load	GF3015 PLUS: 700KG GF4022 PLUS: 1300KG GF6025 PLUS: 1800KG		
Dimension (length x width x height)	GF3015 PLUS: 8100mmx3100mmx2300mm GF4022 PLUS: 11000mmx3550mmx2300mm GF6025 PLUS: 15200mmx3550mmx2300mm		

Exchange Table System :

The cutting tables feature an automatic exchange system, so cut parts and sheet skeleton can be removed and new material loaded in place while the machine is cutting parts on the other cutting table. There are waste collection drawers for slag discharging and workpiece collection. Since there is a large space under the processing area of working table, dual ventilation fume extraction vents are installed for zoned downdraft operation.



Laser – Choice of IPG or RAYCUS Brands are available

Fiber laser has the following advantages –

- ✧ No lens inside laser generator, thus maintenance free
- ✧ Beam delivery system consists of fibers
- ✧ Compact size and easy for integration
- ✧ No start-up time
- ✧ Excellent cutting ability
- ✧ Good beam quality and high power density

Model

Rated power	2000 W, 4000 W, 6000 W
Pointing stability	<2.5 mm mrad
Wavelength	1070nm
Modulation	CW – 5KHz
Power stability	+ /-2 %
Electricity load	~ 25 % Photoelectric conversion efficiency