



ST-FC3015GAR Exchange table+enclosed cover fiber laser cutting machine			
Main configuration		Price (EXW Jinan)	
ST-FC3015GAR fiber laser cutting machine #Cutting area:1500*3000mm #Rotary: 240mm diameter, length: 3m #Machine body milling by 5 axis gantry milling center #Swiss Raytool laser head #3KW IPG fiber laser source #Taiwan APEX rack and pinion transmission #Taiwan Hiwin 35mm square rail with flange (original) #China Inovance servo motor #France MOTOVARIO reducer #Japan SMC pneumatic components # France SCHNEIDER electric components #Automatic lubricating system #CA double control water chiller #Cypcut control system #Power requirement: 3 Phase AC 380V #Exchange table #Enclosed cover #Auto nozzle cleaning system #registration of the position of the sheet		\$900000 USD	
Change to 6kw IPG laser source		\$152000 USD	
Delivery time	30 working days	Payment term	30% in advance,70% before shipping
Transport way	2*40 container HQ	Loading port	Qingdao,China
Warranty	3 years warranty for machine parts without consumable parts		



Machine Advantages



1. 1. ST-FC3015GA is our new designed fiber laser cutting machine complies with EU standards,it can choose different laser source such as Chinese Raycus brand or Germany brand IPG.
This model of fiber laser cutting machine is mainly used to work with big power, like 3KW,4KW, 6KW, 8KW, 10KW, 12KW, etc.



2. High rigidity machine bed sequence welding, adopts exclusive annealing processing with high-temperature NC electric resistance furnace, ensure long-time stable working of the machine.



3. All the guiding rails and screw holes are milled by our professional 5 axis milling machine to keep the levelness. This quality engineering and workmanship result in Smooth precision cutting.



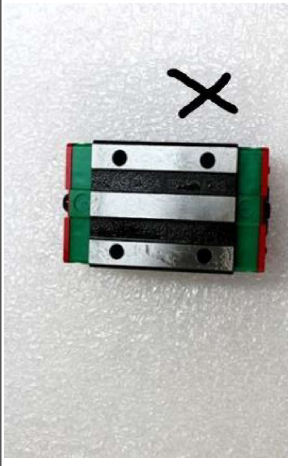
4. The oil paint baking replace of painting guarantee the aesthetic and durable.



5. Machine rack and rails installed based on the dial indicator, table frame based on the marble gradienter. This quality engineering and workmanship result in smooth precision cutting.

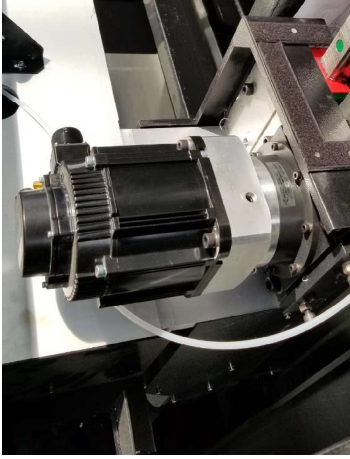


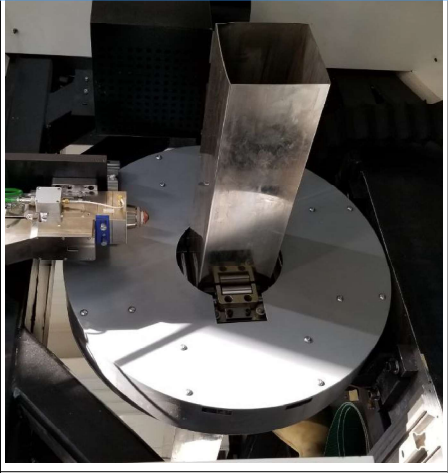
6. The gantry we adopted are new design aircraft-grade aluminum casting, replace of the welded steel gantry, more light-footed to make the whole machine working very fast.



7. Each parts we adopted are original, such as Taiwan Hiwin rails with flange, high accuracy, Zero-distance to avoid the dust accumulation.



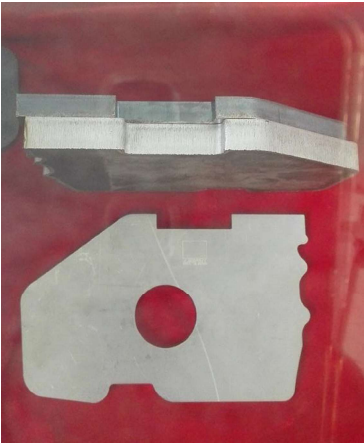
8. New machine body whole frame with smoke extraction,reduce the smoke and chippings to harm the cutting head and lens.	
9.#China Inovance servo motor servo motor with France reducer,low noise, high torque, high reducing ratio.Better than other brand in high power cutting.	
10. Taiwan YYC double driver rack gear. The use of helical precision rack pinion assures smooth precision cutting at high speed.	

11.For all types of large diameter tolerances, fuzzy boundaries, the chuck can adjust the center automatically and grip and pre-set torque.	
12. Clamp Design It adopts an pneumatic clamp design on both sides and it can modulate the center automatically.	
Applicable materials and industry High power fiber laser cutting machine is widely used in electrical power, automobile manufacturing, machinery and equipment, electrical equipment, hotel kitchen equipment, elevator equipment, advertising signs, car decoration, sheet metal production, lighting hardware, display equipment, precision components, metal products and other industries. Specialized fast speed cutting of a variety of metal plates, pipes (add pipe cutting device), mainly used in stainless steel, carbon steel, galvanized sheet, electrolytic plate, brass, aluminum, steel, various alloy plate, rare metal and other materials. Features 1. Low cost and the power consumption is 0.5-1.5kw/h; Customer can cut all kinds of metal sheets by blowing air;	

2. High-performance.Fiber laser with stable performance and the lifespan is over 100,000 hours; 3. High speed and efficiency, the speed of cutting metal sheets close to tens of meters; 4. The laser maintenance free; 5. The cutting edge looks perfect and the appearance is smooth and beautiful; 6. Imported the transmission mechanism and servo motor, and high cutting accuracy; 7. Dedicated software enables graphic or text to be instantly designed or processed. Flexible and easy operation.	Configurations Swiss RAYTOOLS laser head with auto focusing height follower. To ensure the constant same distance between the head and cutting material.	Cypcut Control system and auto nesting software To make sure the materials get Maximum utilization
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IPG laser source with long lifespan up to 100000 hours and high cutting speed.	Double control water chiller To cool the laser source and cutting head in long time use.
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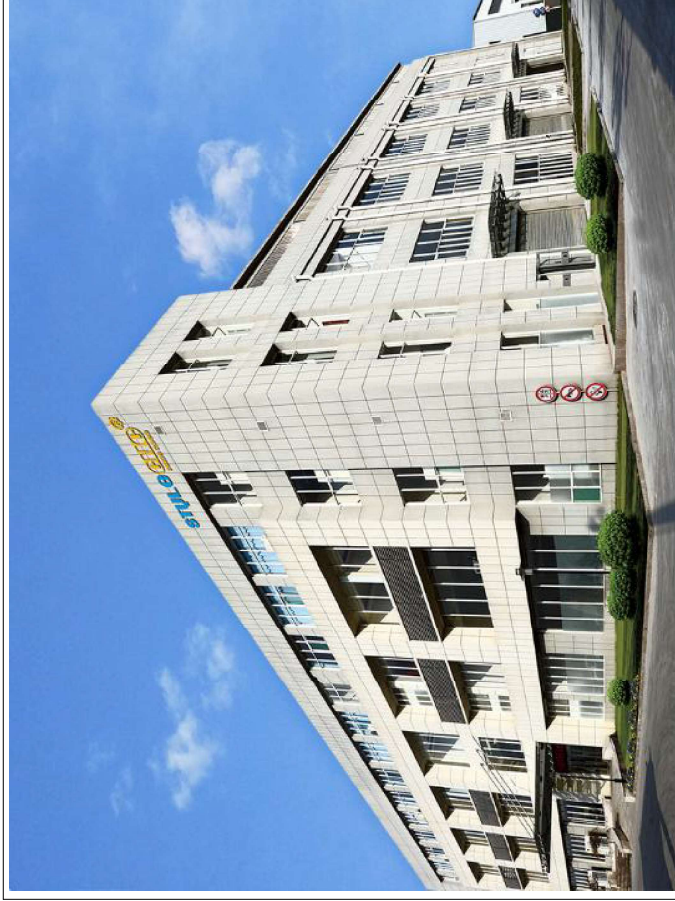
Item		Air cutting	Oxygen cutting(O2)	Nitrogen cutting(N2)
Electronic consumption	Laser source	18KW	18KW	18KW
	Water chiller	7.9KW	7.9KW	7.9KW
	Machine	10KW	10KW	10KW
Dust exhausting		3KW	3KW	3KW
Consumable parts		0.35\$/h	0.35\$/h	0.35\$/h
Air consumption		5.5KW	20L/h	40L/h
Total power		44.4KW	38.9KW	38.9KW
Average power consumption(60%)		44.4x60%=26.64kw	38.9x60%=23.34KW	38.9x60%=23.34KW
Consumable parts				
Name	Unit price	Lifespan(hours)		Suggest
Protect lens	13\$	500h		8pcs
Double nozzle	4.6\$	500h		3-10pcs
Ceramic rings	29\$	620h		8pcs
Focus lens	75\$	2000h		4pcs
Collimating Lens	135\$	2000h		2pcs
Samples				
				
Brass cutting		Copper cutting		

	
Aluminum cutting	Carbon steel cutting
	
Stainless steel cutting	
	
Package	

1. Anti-collision package edge: All parts of the machine are covered with some soft materials, mainly the use of pearl wool.
2. Fumigation wooden box: Our wooden box is fumigated, do not need to check the wood, saving the transport time.
3. Whole film packaging machine: Avoid all damage that may occur during delivery. Then we will cover the plastic package tightly to ensure that the soft material is covered intact, also avoiding water and rust.
4. The outermost is a wooden box with a fixed template.



Factory corner

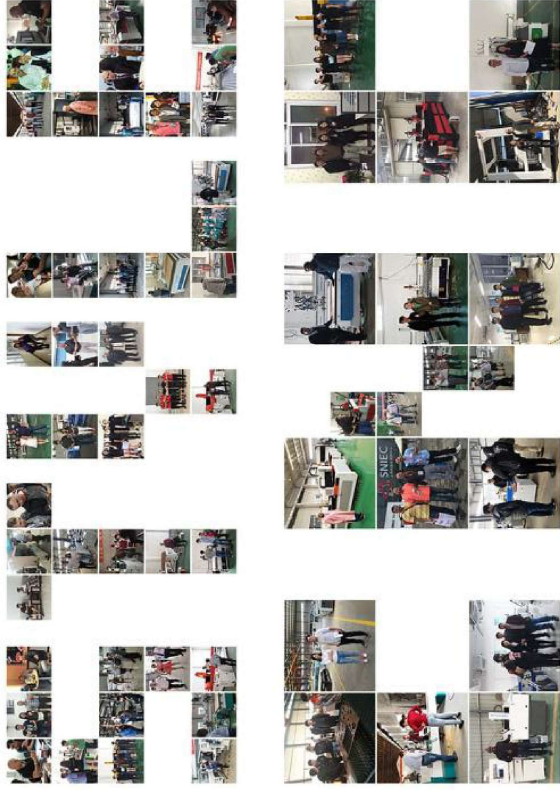




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