




GUANGZHOU GREAT YEAR LASER TECHNOLOGY CO., LTD.

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QUOTATION

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Date: OCT 29,2019

Model Number	Machine Picture	Working Area (mm)	Fiber Laser	Volume (m3)	Remarks	Unit Price (FOB Guangzhou)
GY-1530FC-R Fiber laser cutting machine		1500*3000	Raycus 1000W	50	Open Type With 3M Tube	40500 USD

1.MAIN CONFIGURATION:

Main Items	Standard Configuration
Solid annealed steel machine bed	GYC Laser
Solid casting aluminum Gantry	GYC Laser
Laser source	Raycus 1000W
Control System	Cypcut
laser head	OSPRI
Reduce gear box	ITALY MOTOVRIO
X.Y.Z servo motor and driver	France Schneider
Guide rail	Taiwan HIWIN
Gear rack	Taiwan KH
Valve and NC Valve	AirTag Metalwork
CB,Relay,Contactor	France Schneider
Computer	INDUSTRIAL
Chiller	S&A
Volta stabilizers 50KVA	KINGBRO

Note: If there are any requirements to change any configuration, please let me know and we will quote the price according to your requirement.

2. OTHER CONFIGURATION

Model	Name	Quantity	Remarks
Standard	Protective Mirror	10pcs	Self-contained
Standard	Ceramic Ring	1pc	Self-contained
Standard	Nozzle	20pcs	---

3. TECHNICAL PARAMETER:

Series	Parameter
Working area (W*L)	1500mm×3000mm
X-axis running area	1500mm
Y-axis running area	3000mm
Z-axis running area	120mm
X/Y axis Position Precision	0.05mm
X/Y axis Repeated Position Precision	±0.05mm
Max. Running Speed	100m/min
Max. accelerated speed	0.5G
Machine weight	5000Kg
Max. Load on working table	500kg
Phase	3
Voltage & Frequency	380V, 50Hz
Gross Power protecting grade	IP54



FIBER LASER CUTTING MACHINE GY-1530FC-R Raycus 1KW

3 meter Rotary Device, 160mm> Round Tube Diameter>20mm



4. CONSUMABLE PARTS

Name	Replacement Time	Unit Price (USD/ FOB Guangzhou)
Protective mirror	2 pcs/month	US\$15
nozzle	depends on your usage	US\$10

5. APPLICABLE INDUSTRY: Metal cutting, Manufacturing of Electrical switches, Elevator manufacturing, Household appliances manufacturing, Kitchenware manufacturing, Processing tools, and other machinery manufacturing and processing industries.

6. ADVANTAGES OF LASER CUTTING

- * Excellent beam quality:
Smaller focus diameter and high work efficiency, high quality.
- * High cutting speed: cutting speed is more than 20m/min.
- * Stable running:
adopting the top world import fiber laser, stable performance, key parts can reach 100,000 hours.
- * High efficiency for photoelectric conversion :
compare with CO2 laser cutting machine ,fiber lasers have three times photoelectric conversion efficiency.
- * Low cost: Save energy and protect environment .
Photoelectric conversion rate is up to 25-30%.Low electric power consumption, it is only about 20%-30% of traditional CO2 lasers.
- * Low maintenance: fiber line transmission ,no need reflect lens, save maintenance cost.
- * Easy operations: no need to adjust the optical path.

7. CUTTING CAPACITY: Professional for cutting thin sheet metal, high-quality carbon steel plate cutting 0.5 ~ 10mm, 0.5 to 5 mm stainless steel plate, and also cutting aluminum alloy plate, galvanized sheet, electrolytic plate, silicon steel, titanium, aluminum zinc plate, thin brassplate and other various metal materials.

MATERIAL	MAX CUTTING THICKNESS	GOOD CUTTING THICKNESS
CARBON STEEL	<10MM	<8MM
STAINLESS STEEL	<5MM	<4MM

8. CUTTING PARAMETER FOR REFERENCE

MATERIAL	THICKNESS	ASSISTANCE GAS	MAX CUTTING SPEED (M/MIN)
CS	1	O2	15.0~18.0
	2		5.1-6.0
	3		3.5~4.2
	4		2.3~2.7
	5		1.7~2.1
	6		1.2~1.8
	8		0.9~1.1
	10		0.8~0.9
SS	1	N2	17.0~21.0
	2		5.4~7.2
	3		2.1~3.0
	4		0.8~1.5
	5		0.6~0.9

9. RUNNING COST OF MACHINE (REFERENCE ONLY)

A. COST OF ELECTRICITY

PARTS	WASTING ELECTRICITY (KW/H)	TOTAL	APPROX COST USD/H
LASER SOURCE	≈ 4	≈ 26.25	4.2USD (if 0.2USD every KW/H, and basic on 80% running using factor)
CNC SYSTEM	≈ 10		
WATER CHILLER	≈ 3		
AIR COMPRESOR	≈ 5.5		
AIR DRY TOOL	≈ 0.25		
DUST PROTECTIVE DEVICE	≈ 3.5		

B. COST OF ASSISTANCE GAS

GAS	PRICE	RUNING TIME	COST PER H	CUTTING RESULT	NOTE
O2	4 USD /bottle	180 min	1 USD/H	Black edge	1mm CS as sample
N2	4 USD /bottle	15 min	16USD/H	White edge	1mm SS as sample
AIR			0	Yellow edge	Less than 2mm steel cutting

C. CONSUMABLE PARTS

Name	Replacement Time	Unit Price (USD/ FOB Guangzhou)
Protective mirror	2 pcs/month	US\$30
nozzle	depends on your usage	US\$16

10. PACKING WAY: FILM PALLET

11. PRICE TERMS: FOB GUANGZHOU

12. TERMS OF PAYMENT: T/T, 30% in advance, balance before shipment.

13. TRAINING: Our company offers local Installation and Technical training if you pay the round tickets, Visa accomodation. And you are welcome to our factory for free training.

14. DELIVERY TIME: within 1 months upon payment of deposit.

15. MOQ: 1 set.

16. SAMPLES



We're Not The Only One Excited About Our LASER

Works in More than 80 plus Countries

01

GYClaser @ INDIA



02

2KW IPG PRO CUT



03

1KW IPG PRO CUT



04

2KW IPG PRO CUT



05

6KW IPG 2300*6000mm



06

3300W RAYCUS PRO CUT



Our Exhibitions

To meet, To reach the Newest Laser Cut



DG MACHINERY EXPO



IMTEX BANGALORE 2018



INDUSTRY MACHINERY



GUANGZHOU EXPO



SHANGHAI EXPO



MEXICO CITY TRADE FAIR

OUR CERTIFICATES





1. Shock bubble film



2. Special logistics packaging



3. Suitable carton size



4. Complete package



5. Professional placement



6. Shipping

