



**IDIKAR**  
LASER CUTTING

Email:[info@idikar.com](mailto:info@idikar.com)  
Web:[www.idikar.com](http://www.idikar.com)



# 产品特色

Features

IDIKAR fiber laser cutting machine:

The IDIKAR fiber laser cutting machines use the new type of fiber laser source developed in the world, which outputs a high energy density laser beam and concentrates on the surface of the workpiece. It can be used not only for plane cutting, but also for bevel cutting, and the edge is neat and smooth. It is suitable for high-precision cutting and processing of metal plates. Compared with ordinary CO<sub>2</sub> laser cutting machine, it saves more space and gas consumption, and has high photoelectric conversion rate.

# DF1390



## DF1390参数表

Specifications

机器型号	DF1390
激光功率	1000w、1500w、2000w
激光器	锐科(RAYCUS)、IPG
工作面积	1300mm * 900mm
重复定位精度	±0.02mm
额定电压及频率	380v 50Hz/60Hz , 60A
激光波长	1064nm
毛重	1500Kg

# GL 系列

Series

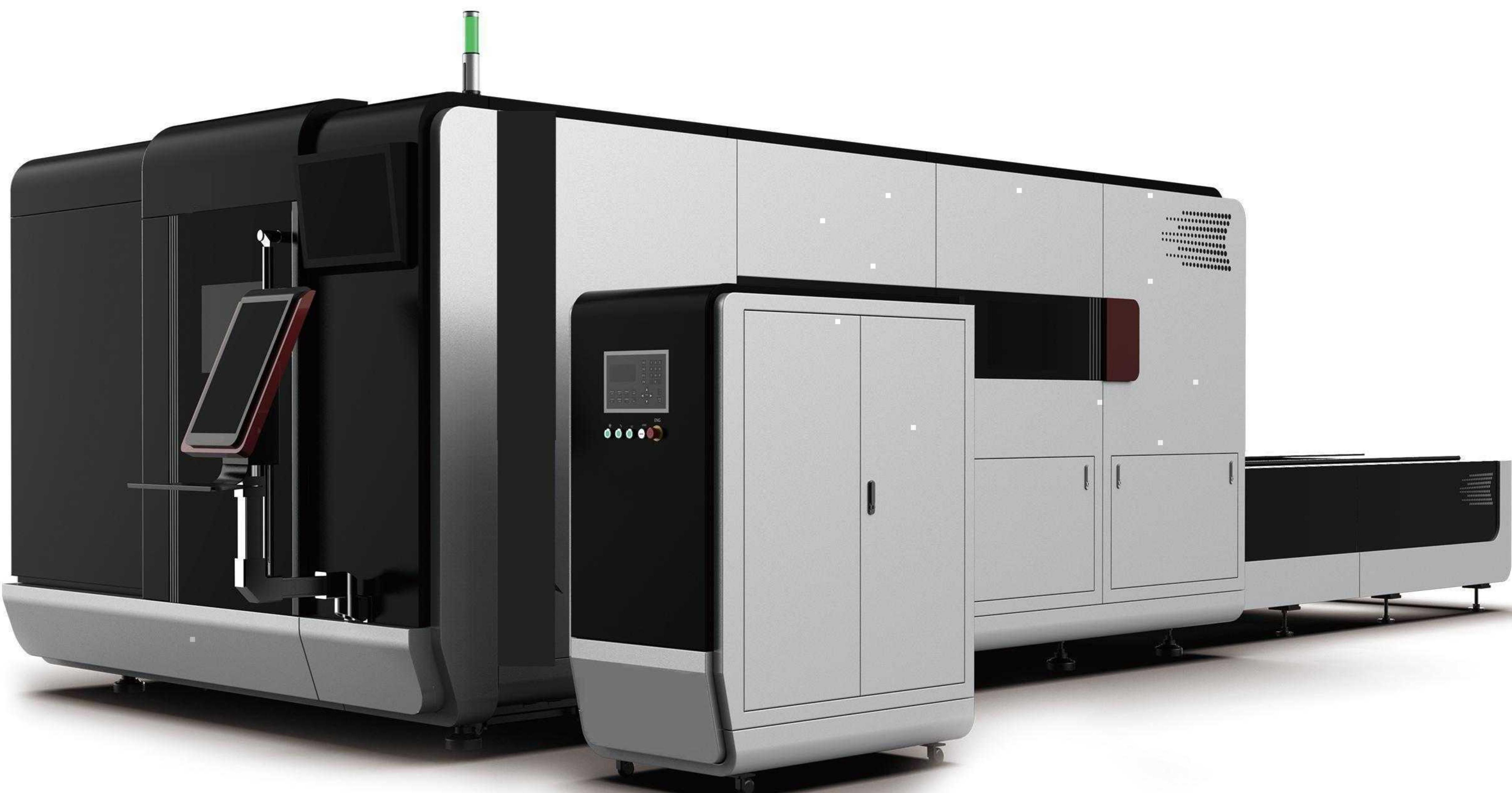
## GL系列参数表

Specifications

机器型号	DF3015GL、DF4015GL、DF4515GL、DF6015GL
激光功率	1000w、1500w、2000w、3000w、4000w
激光器	锐科(RAYCUS)、IPG
工作面积	由型号而定,例如DF3015为3000mm * 1500mm Decided according to the model. E.g
重复定位精度	±0.02mm
额定电压及频率	380v 50Hz/60Hz , 60A
激光波长	1064nm
毛重	5000Kg



# S 系列 Series



## S系列参数表 Specifications

机器型号 Machine model	DF3015S、DF4020S、DF6025S
激光功率 Laser power	2000w、3000w、4000w、6000w、8000w、12000w
激光器 laser source	锐科(RAYCUS)、IPG
工作面积 Working area	由型号而定, 例如DF3015为3000mm * 1500mm Decided according to the model. E.g.
重复定位精度 Repeat positioning accuracy	±0.02mm
额定电压及频率 Rated voltage and frequency	380v 50Hz/60Hz, 60A
激光波长 Laser wavelength	1064nm
毛重 G.W	9000Kg

# L 系列 Series

## L系列参数表 Specifications

机器型号 Machine model	DF3015L、DF4015L、DF4515L、DF6015L
激光功率 Laser power	1000w、1500w、2000w、3000w、4000w
激光器 laser source	锐科(RAYCUS)、IPG
工作面积 Working area	由型号而定, 例如DF3015为3000mm * 1500mm Decided according to the model. E.g.
重复定位精度 Repeat positioning accuracy	±0.02mm
额定电压及频率 Rated voltage and frequency	380v 50Hz/60Hz, 60A
激光波长 Laser wavelength	1064nm
毛重 G.W	3500Kg



# DRK 系列

Series

## 手持激光焊接机

Handheld Laser Welding Machine

### 手持激光焊接机参数

Machine model (机器型号)	DRK1000w、DRK1500w
Laser power (焊接功率)	1000w ( 1000瓦 ) &1500w ( 1500瓦 )
Laser wave length (激光波长)	1080 nm ( 1080纳米 )
Operation mode (运行模式)	continuation/modulate ( 连续、调制 )
Welding speed range (焊接速度范围)	0~120 mm/s ( 0~120毫米/秒 )
Cooling chiller (冷却方式)	Industrial water chiller-S&A water chiller ( 工业制冷-特域水冷机 )
Working environment temperature range (工作环境温度范围)	10~40°C
Storage temperature (储藏温度)	-10~60°C
Humidity range of working environment (工作环境湿度范围)	< 70%No condensation ( 无凝结 )
Welding thickness recommendations (焊接厚度建议)	0.5~3mm
Welding gap requirements (焊接间隙要求)	≤0.5mm
Working voltage (工作电压)	220/380 ± 10%V AC 50/60Hz
Net Weight (净重)	230KG~280KG
Gross Weight (毛重)	300KG~370KG



**Raycus**

## 合作品牌

COOPERATIVE PARTNER



**S&A**

**reci** 热刺激光

**Auzlech**

### 特性

- ▶ 输出功率高达1.5kW
- ▶ 创纪录的电光转换效率
- ▶ 卓越的光束质量
- ▶ 整个功率范围内光束质量不变
- ▶ 免维护运行
- ▶ 结构紧凑、坚固且易于集成
- ▶ 长工作距下焦斑小
- ▶ 多种传输光纤可选

**锐科**  
Raycus

### 应用

- ▶ 2D和3D金属切割
- ▶ 切割高反金属
- ▶ 焊接
- ▶ 热处理
- ▶ 增材制造



#### 2.Hanwei Laser head(焊接头)

- ◆ Reliable safety performance, using the method of exposure to emit the laser to improve the safety protection level 可靠的安全性能，采用接触出光的方式，提升安全防护等级
- ◆ Friendly human-machine interaction design, providing users with a good operating experience 友好的人机交互设计，为用户提供良好的操作体验
- ◆ A variety of working modes and laser emitting methods can be switched at will, suitable for different application scenarios 多种工作模式、出光方式随意切换，适合不同的应用场景



#### 3.S&A water chiller ( 特域水冷机 )

- ◆ Optional environmentally-friendly refrigerant; 可选的环保制冷剂
- ◆ The temperature control accuracy can reach ± 0.5°C; 控温精度可达 ± 0.5°C
- ◆ The intelligent thermostat of the chiller has two temperature control modes, which are suitable for different use occasions; it has a variety of settings and fault display functions; 激光冷水机的智能恒温器有两种温度控制模式，适合不同的使用场合；具有多种设置和故障显示功能；
- ◆ Dual temperature and dual control mode to meet the different heat dissipation requirements of fiber lasers and laser heads;. 双温度双控制模式，满足光纤激光器和激光头不同的散热要求

# CLEANING MACHINE

## 手持激光清洗机

HANDHELD LASER CLEANING MACHINE

Laser cleaning machine is the latest high-tech product. Easy to install.operate,easy to achieving automation. Plug in power, turn on and start cleaning- without chemicals,media, dust, water.

Cleaning with no detergent, no media,no dust,no water. Auto focus, can clean curved surface,gentle cleaning surface.Cleaning resin, oil stain,rust, coating materials, paints on workpiece surface.

## 参数 /SPECIFICATION

Model	DRK1000w-QX	Laser source	GW laser source
Power	1000W	Laser beam quality	M2<1.3, fiber core 20um
Power stability	±2%	Red light pointer	650nm
Fiber delivery cable	QBH/QD	Cooling method	Water cooling
Central wavelength	1075nm ± 5	Temperature range	5~45°C
Power range	1~100%	Frequency	50Khz
Input voltage	380VAC/50Hz/60Hz	Machine Type	Handheld
Machine size	1130x600x1130mm	Weight	260kgs

### Application

Rust Removal	Coatings Removal	Oxide Removal	Weld Pre-treatment
Paint Removal	Tool Cleaning	Surface Cleaning	Historic Restoration
Surface cleaning	Removal of Oil and Grease	Mold surface Cleaning	Gluing Pre-treatment
Portrait Stone Surface Treatment	Precise Cleaning	Stain Removal	Selective Paint Removal



**Raycus**

## 合作品牌

COOPERATIVE PARTNER



**锐科**  
Raycus

特性

- ▶ 输出功率高达1.5kW
- ▶ 创纪录的电光转换效率
- ▶ 卓越的光束质量
- ▶ 整个功率范围内光束质量不变
- ▶ 免维护运行
- ▶ 结构紧凑、坚固且易于集成
- ▶ 长工作距下焦斑小
- ▶ 多种传输光纤可选



**热刺**  
Reci

应用

- ▶ 2D和3D金属切割
- ▶ 切割高反金属
- ▶ 钻孔
- ▶ 焊接
- ▶ 热处理
- ▶ 增材制造



**LASER HEAD**  
激光头



**Auslech**



3. S&A water chiller ( 特域水冷机 )

- ◆ Optional environmentally-friendly refrigerant; 可选的环保制冷剂
- ◆ The temperature control accuracy can reach ± 0.5°C; 控温精度可达 ± 0.5°C
- ◆ The intelligent thermostat of the chiller has two temperature control modes, which are suitable for different use occasions; it has a variety of settings and fault display functions; 激光冷水机的智能恒温器有两种温度控制模式，适合不同的使用场合；具有多种设置和故障显示功能；
- ◆ Dual temperature and dual control mode to meet the different heat dissipation requirements of fiber lasers and laser heads;. 双温度双控模式，满足光纤激光器和激光头不同的散热要求