



## Riselaser Technology Co., Ltd.

Add: Building A4, Meiyang Phoenix Zihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road,  
Fuyong Street, Baoan District, Shenzhen, China 518103  
Email: sales@riselaser.com www.riselaser.com

### Fiber Laser Marking Machine for Auto Parts

Riselaser fiber laser marking machine is mainly composed of three parts, vibration lens, marking card, the production of laser marking machine, fiber laser beam quality is good, the output center is 1064nm, the whole life in 100000 hours, compared with other types of laser marking machine live longer, electro-optic conversion efficiency of 28% above, relative to other types of laser marking machine conversion efficiency of 2% 10% of the huge advantage, outstanding performance in energy conservation and environmental protection, etc.

#### Technical Parameters

Machine Model	RL-20P	RL-30P	RL-50P
Laser Power	1064nm		
Laser Wavelength	20khz-10khz		
Laser Repetition Frequency	100*100mm (optional)		
Marking Range	Maxphotronics (optional)		
Laser Source	Scan Lab (optional)		
Laser Head	0.01mm		
Minimal Character	≅7000mm/s		
Repeated Accuracy	0.003mm		
Cooling Ways	Air cooling		
Power Supply	220V/50-60Hz		
Application Material	All kinds of metal and part of Non-metal Material		
Support Format	PLT, BMP, DXF, TIF, JPG, AI etc		
Package	Standard wooden case for export		



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### Machine Details

#### 01 Galvanometer

Galvanometer scanning system is composed of two parts: Optical scanning and Servo Control. The whole system adopts new technology, new materials, new process and new working principle to design and manufacture



#### 02 Filed Lens

Small size, suitable for harsh environments and friendly interface. F-theta have different marking size model, Such as 70\*70mm, 110\*110mm, 150\*150mm, 300\*300mm etc





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# 03

## Control Card

Original EZCAD control card, The hardware handles data fast, high precision, and supports high-speed marking. Stable signal output



# 04

## Laser Source

Stable and longer life fiber laser source from 10W-100W. It including MAX, RAYCUS, IPG, and MOPA fiber laser source. Customer can choose different type according to different marking purpose





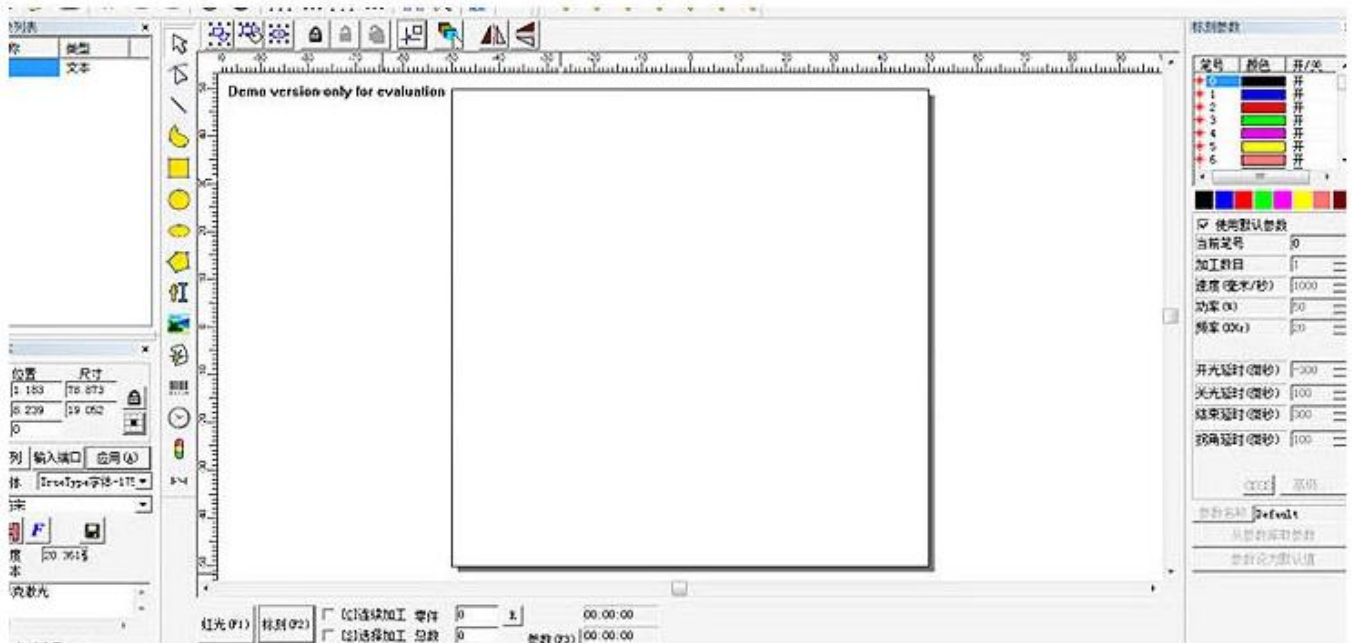
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## Control Software

EZCAD control software support IPG,YAG,CO2,FIBER laser marking machine,compatible to windows XP/7/8/10, also support english language. Easy to learn and use.



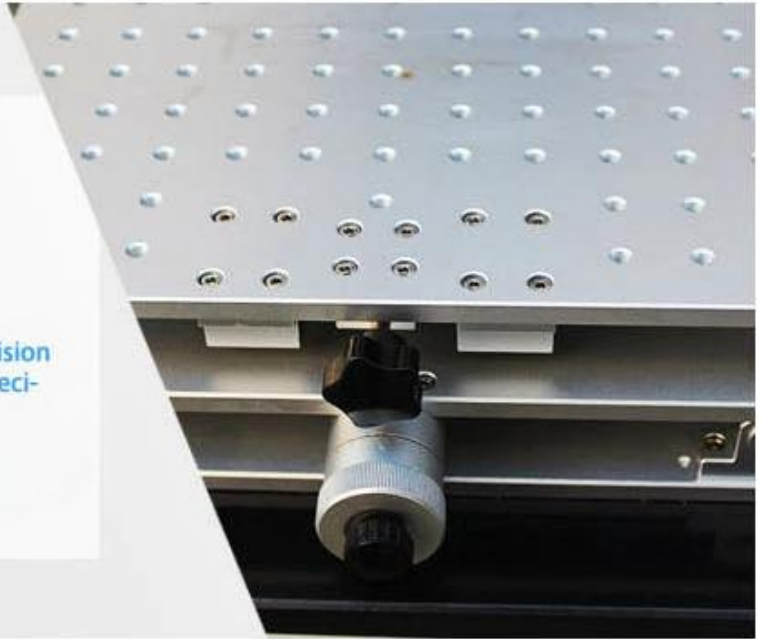


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### 06 Adjustable Working Table

Optional X/Y axis adjustable working table. Precision cutting options. Aluminium cast, stable and precision.



### 07 Scaleplate Ruller

Easy to adjust the galvanometer height to suit the best marking result. With ruller, much convenient to operate the fiber laser marking machine



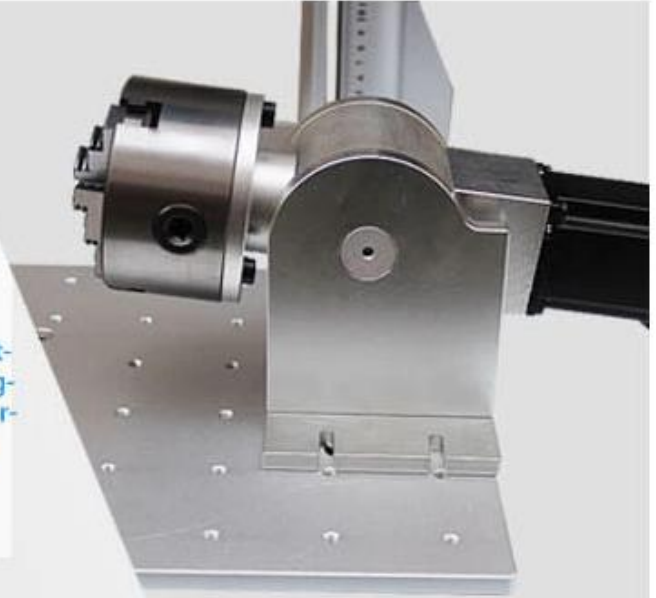


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### 08 Rotary Axis --For Optional

The rotary engraving attachment allows you to mark rotating objects so that the laser always works in focus. The segmentation (division into individual marking sections) is carried out via the EZcad marking software. With the rotary engraving attachment you can laser mark components 360°, both on the circumference and on the inside.



### 09 Smoke Collecting Machine-Optional

This smoke purify system can be instant purifying treatment the serious pollutant, the purified clean air can be discharged directly in the interior, no need to discharge through external pipes.





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## Certification



## FAQ

### Q1. How can I get the best machine for me?

You can tell us your working material, detail work by picture or video so that we can judge whether our machine can meet your needs or not. Then we can give you the best model depends on our experience.

### Q2. When the machine can't work well, what should I do?

A: 1. The Engineer is online for 24-hours, they can check the problems and then give you solution way very soon.

2. All our machines have 3 years' warranty, If there is any problems of machine parts under "normal use", new machine parts will be sent by air for free.

3. Please rest assured that operation CD and manual will be offered along with machine, ensuring you can operate the machine easily.

### Q3. This is the first time I use this kind of machine, is it easy to operate?

We will send you manual and guide video in English, it can teach you how to operate the machine. If you still can not learn how to use it, we can talk by phone, email or other contact ways.

### Q4. How does your factory do regarding quality control?

A: Quality is priority. We always attach great importance to quality controlling from the very beginning to the end.

- 1). All raw material we used are environmental-friendly;
- 2). Skillful workers care every details in handling the producing and packing processes;
- 3). Quality Control Department specially responsible for quality checking in each process.

And we have CE, FDA, ISO9001 certification.

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### **Q5. If some problems happen to this machine during warranty period, what should I do?**

When customer supply picture & video, free parts will be supplied during machine warranty period if machine have some problems. While we also supply free life long after-sales service. So any doubts, just let us know, we will give you solutions.

### **Q6. How can I get Machine's spare parts?**

A: There are two methods. Spare Parts ordered together with the machine, this is the safest way to transport the parts.

The other way is you can inform us when you need to replace the consumables, we will send them to you within 24 working hours.