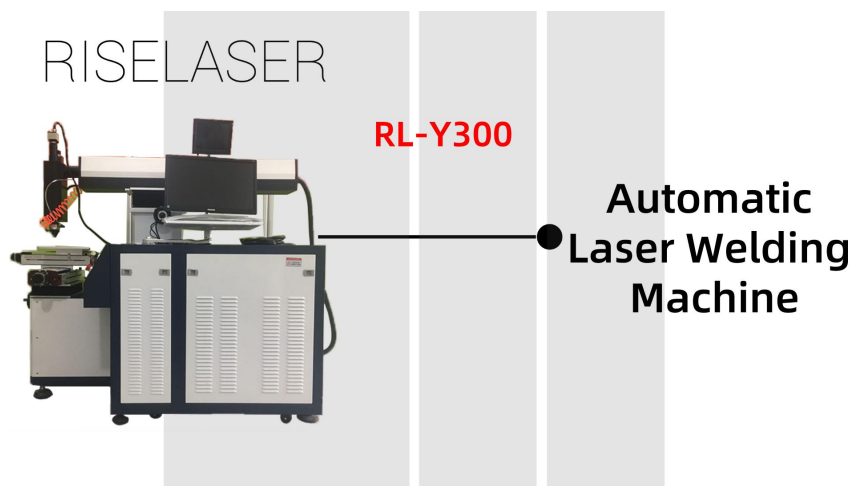




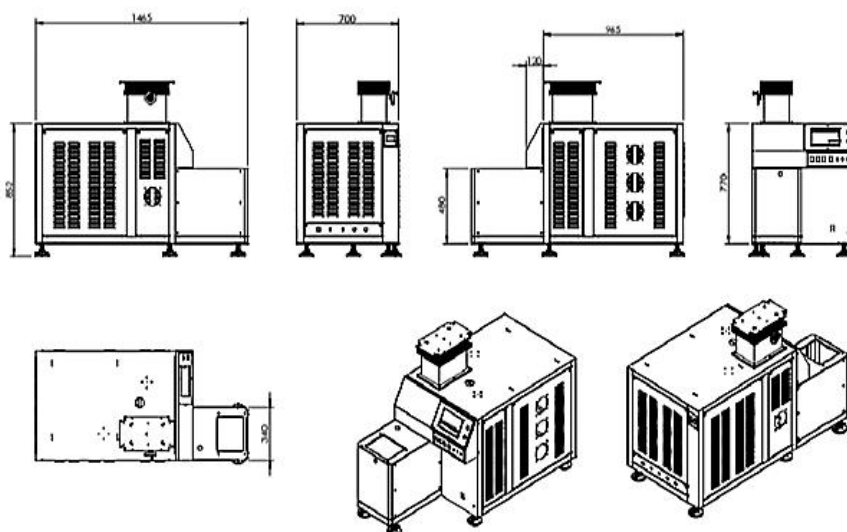
深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

RL-Y Series Automatic Spot Laser Welding Machine



Product Details



Module way	4-axis linkage
Work schedule	200x200/300/x300(optional)
System language	Chinese/English
Electrical connections	AC380V ± 5%, 50HZ / 60HZ
Working environment	Temperature≤40℃/Humidity< 90%
Equipment size	1500x750x1200 mm

E-mail: carina@riselaser.com

Website: www.riselaser.com www.shdlaser.com

Address: Building 5, COFCO (Fuan) Robot Intelligent Manufacturing Industrial Park, No. 90 Dayang Road, Fuhai Street, Bao'an District, Shenzhen, China, 518103



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Parameters

Unit type	RL-Y200	RL-Y300	RL-Y400
Laser wavelength	1064nm		
Laser power	200W	300W	400W
Beam diameter	2.0 mm		
Adjustable light spot	± 3.0mm		
Pulse width	0.1-15ms		
Repetition frequency	1.0~40.0Hz		
A single point of energy	60J	70J	80J
Overall power consumption	3.5kW	5kW	6kW
Cooling system	Water cooling		
Monitoring system	CCD Monitoring system		
Control Method	CNC Control		
Pump light source	Single lamp	Double light	Double light
Module way	4 axis linkage		
Work schedule		200x200/300/x300(optional)	
Manipulation language	Chinese/English		
Electrical connections	AC220V ± 5%, 50HZ / 60HZ	AC380V ± 5%, 50HZ / 60HZ	AC380V ± 5%, 50HZ / 60HZ
Work environment	Temperature ≤ 40 °C / Humidity < 90%		
Net weight	350kg	500kg	500kg
Gross weight	380kg	540kg	540kg
Size	1500x750x1200mm		

Advantages

1. Spot welding, butt welding, stitch welding and sealing welding can be performed on the workpiece;
2. Fast welding speed, high aspect ratio, small heat-affected zone and small deformation during welding;
3. The welding seam is smooth and beautiful, no need or simple treatment after welding;
4. Fully automatic welding, easy to operate, fast and efficient;
5. Consistency of welding effect from beginning to end;
6. It can precisely control the welding spot formed by each pulse energy to achieve the best welding effect.

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Application & Samples

It is suitable for welding basically all metals including gold, silver, copper, stainless steel and high hardness alloys.

Automatic laser welding machine is suitable for kettles, vacuum cups, stainless steel bowls, sensors, tungsten wires, high-power diodes, laptop casings, mobile phone batteries, door handles, molds, electrical accessories, filters, grease nozzles, stainless steel products, golf heads, Zinc alloy crafts and other related industries. .

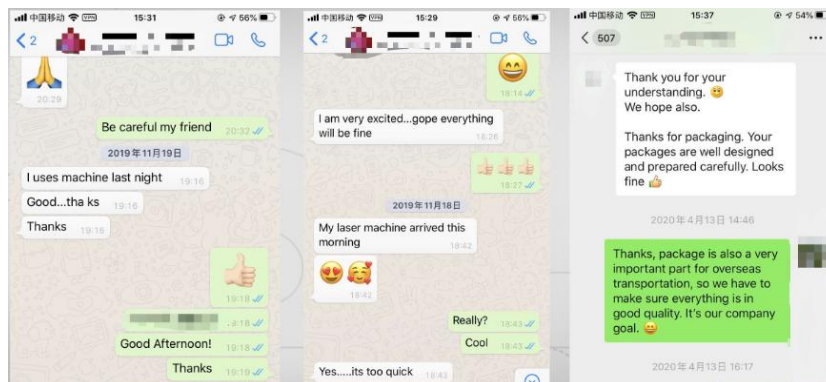


Certifications



Packaging

Wooden case along with plastic film



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Riselaser

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SHENZHEN RISELASER TECHNOLOGY CO., LTD

Exhibition



FAQ

Q1: Are you a factory or a trade company ?

A1: We are manufacturing laser machines and we provide perfect OEM and after-sale service.

Q2: How about the machine guarantee?

A2: We generally offer you 1 year guarantee.

Q3: How can I use the machine, if I'm a new buyer?

A3: We will deliver English manual and video with the machine to you. If you still need our help, please contact us.

Q4: How can I know your machine is designed for my product?

A4: You can send us samples and we test it on the machine.

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