







Xuzhou **RITMAN** Intelligent Technology Co., Ltd. is an intelligent equipment enterprise belonging to Ruohong Group. (Short name "RITMAN Intelligent ", English name "RITMAN"). RITMAN with the mission of "intelligent, digital, and trouble-free production", the company is a national high-tech enterprise and National-Level SRDI "Little Giant" Enterprise. Relying on strong R&D and production strength, the company focuses on the sales and service of laser cutting equipment. The main products include: laser plate cutting machine, laser tube cutting machine, large format customized laser cutting machine, laser plate & tube integrated machine, sheet coil laser cutting machine, 3D laser cutting machine, handheld laser welding machine, automated laser welding equipment, robot laser welding machine and other equipment. We are willing to work with our partners for mutual benefit and win-win situation!

NO:2024.04


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Seriousness Openness Courage Responsibility



RITMAN Laser has more than 100 R&D engineers, It has a technical R&D team composed of a doctoral team from Dalian University of Technology and a master's team from Southeast University, as well as perfect research laboratory facilities and equipment. RITMAN with strong R&D technical strength, the R&D Technology Center has obtained a total of 64 invention patents, 10 authorizations, 59 utility models, 28 soft publications, and 12 professional papers.

100+ Technical Team
Ph.D. Specialist Senior Engineer

200+
Invention patent



Xuzhou RITMAN Equipment Co.,LTD

- ☎ 400-006-3106
- ✉ James@sino Ritman.com
- 🌐 www.ritman-laser.com
- 📍 Chuangye Road 35# Xuzhou Economic Development Zone, Jiangsu, China

1000-3000W

RM- **LW** Series

Handheld Laser Fiber Welding Machine



Water Cooling In One Piece

1000W-3000W

RM-LW				
Laser power	1000W	1500W	2000W	3000W
Fiber length	7/10 metres as standard 15 metres can be customised			
Working mode	Continuous/modulated pulse			
Laser wavelength	1070/1080nm			
Welding speed	0-120mm/s			
Chiller	Dual temperature and dual control constant temperature water tank			
Working environment	5-40 °C humidity less than 70% without condensation			
Applicable plate thickness	0.6-8mm			
Gap requirement	0-2mm			
Maximum power consumption	<5KW	<6KW	<6.5KW	<8.5KW
Working voltage	220V/380V 50Hz			
Weight	120kg-160kg			

Water-cooled Split

1000W-3000W

RM-LW				
Laser power	1000W	1500W	2000W	3000W
Fiber length	7/10 metres as standard 15 metres can be customised			
Working mode	Continuous/modulated pulse			
Laser wavelength	1070/1080nm			
Welding speed	0-120mm/s			
Chiller	Dual temperature and dual control constant temperature water tank			
Working environment	5-40 °C humidity less than 70% without condensation			
Applicable plate thickness	0.6-8mm			
Gap requirement	0-2mm			
Maximum power consumption	<5KW	<6KW	<6.5KW	<8.5KW
Working voltage	220V/380V 50Hz			
Weight	130kg-180kg			



Air-cooled

1000W-3000W

RM-LW	
Laser power	1200W
Fiber length	7/10 metres as standard 15 metres can be customised
Working mode	Continuous/modulated pulse
Laser wavelength	1070/1080nm
Welding speed	0-120mm/s
Shell material	All-aluminum housing weighs only 6.5kg
Working environment	5-40 °C humidity less than 70% without condensation
Applicable plate thickness	0.6-8mm
Gap requirement	0-2mm
Maximum power consumption	<5KW
Working voltage	220V 50Hz
Weight	40kg

Laser Cleaner

1000W-3000W

RM-LW				
Laser power	1000W	1500W	2000W	3000W
Fiber length	7/10 metres as standard 15 metres can be customised			
Working mode	Continuous/modulated pulse			
Laser wavelength	1070/1080nm			
Power Adjustment Range	10-100%			
Cleaning head weight	0.8KG			
Scanning Width	10-300mm			
Working distance	400/800mm			
Cooling method	Water Cooling			
Maximum power consumption	<5KW	<6KW	<6.5KW	<8.5KW
Working voltage	220V/380V 50Hz			
Weight	130kg-180kg			

Product Advantages



Lightweight And Convenient

Small in size, light in weight, convenient for transportation and use, not limited by the venue.



Good Performance And Fast Speed

Stable performance, perfect welding quality, 5-10 times faster than traditional welding speed, can be formed in one go.



Easy To Operate

Touch screen, intelligent operating system, built-in process package, beginner training can be mastered in half an hour.



Handheld Welding Laser Head

Handheld welding laser head with ergonomic design and light weight can be operated easily and persist in working.

CUTTING SAMPLES

