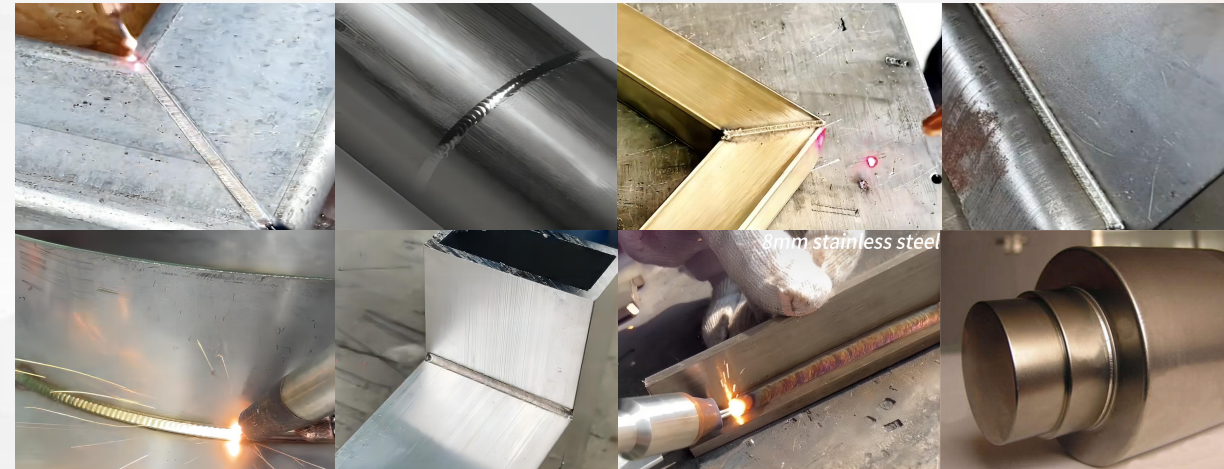


MAX3000W

OPT.ROBOT SOLUTION



OPT.ROBOT SOLUTION

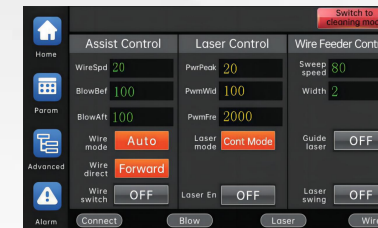


MAX Power can rech 1.5KW through Air-cooling Features

- 01 Air self cooling, using high-quality laser pump source to improve the environmental temperature tolerance of the laser source. $\leq 45^{\circ}\text{C}$
- 02 Smaller volume, 0.1m^3 , Weighing only **49KG**, more flexible and convenient
- 03 The maximum power can **reach 1500W**, and the maximum welding thickness **can reach 5mm**



- Ultra light laser head- **0.7KG**
- Lens polution high temperature alarm
- Bluetooth smart control in head



- Intelligent operating system with built-in parameter library
- **4 IN 1 MUTI FUNCTION** Welding-Cleaning-Cutting-Seam clean
- MUTI language 30+



MAX Power can rech 3KW through Water-cooling Features

- 01 **STABLE**-XH Laser's unique dual temperature **water cooling** design allows for easy **3KW laser power** continuous welding and cleaning, without fear of extreme temperatures
- 02 **SAFTY**-Unique laser emission **safety circuit design**, with the laser head immediately turning off when leaving the welding workpiece to protect the safety of the operator and surrounding personnel.
- 03 **EASY**-Self-developed laser swing control makes welding **beautiful, simpler, efficient**, eliminating the need for welding experience and reducing labor costs

MAX POWER 3KW



MAX POWER 2KW



MAX POWER 2KW



Laser Welding vs. Traditional Welding

	LASER WELDING	TRADITIONAL WELDING
Welding Material	Metal	Metal
Width-to-Depth Ratio	<10	<2
Welding Speed	1m/min	0.2m/min
Thermal Deformation	Very Low	High
Welding Quality	Consistent superior quality Smooth welding seam High welding intensity	Heavy double welding Unaesthetic welding seam or gaps Low welding intensity
Physical Harm	Indirect Low radiation	Potentially being exposed to occupational hazards like glaucoma and pneumoconiosis

Machine parameter

Model	Model A	Model B	Model C
Gross Weight	210 Kg	180KG	49KG
Machine dimensions	124*53*105 CM	90*54*80 CM	58*36*47 CM
Working voltage	1-2KW : 220V/SINGLE PHASE/50&60HZ 3KW : 380V/THREE PHASE/50&60HZ		
Total power	1.5KW 6.5KVA/29.5A AIR(5.8KVA/26.4A)	2KW 8.9KVA/40.4A	3KW 14KVA/21.3A
Welding thickness	0.5-8mm		
Welding gap requirements	≤8mm		
Laser cleaning width	70-120mm		

Configuration List

Item	Brand	Country of origin
Laser source	MAX/Raycus/IPG	CHN/US
Laser head	Ultra X	CHINA
Control system	Ultra X 4 IN 1	CHINA
Water chiller	S&A/TF	CHINA TOP1
Electrical parts	Schneider	FRANCE
Pneumatic components	AirTec	TAIWAN
Laser protection products	OD8+	CHINA TOP1



Show Details



About us

YueXin equipment have been focusing on the research and development of laser technology and industrial equipment. Relying on an experienced R&D team to provide excellent laser intelligent equipment and industrial solutions, let our customers have higher production efficiency, better processing accuracy and more competitiveness in the industry.



Jinan YueXin Intelligent Equipment Co.,Ltd
Email: sales@yxequipment.com
www.yxequipment.com

Address: Room 4113 A2, Mingzhu International Business Port, No. 88,
Jingyi Road, Daguan Yuan Sub-district, Shizhong District, Jinan City, Shandong Province

FIBER LASER WELDING MACHINE

LW: 1—3KW



- WELDING
- CLEANING
- CUTTING

For more information please go to the website: www.yxequipment.com



Show Details

