

4 in 1 HANDHELD LASER WELDING MACHINE

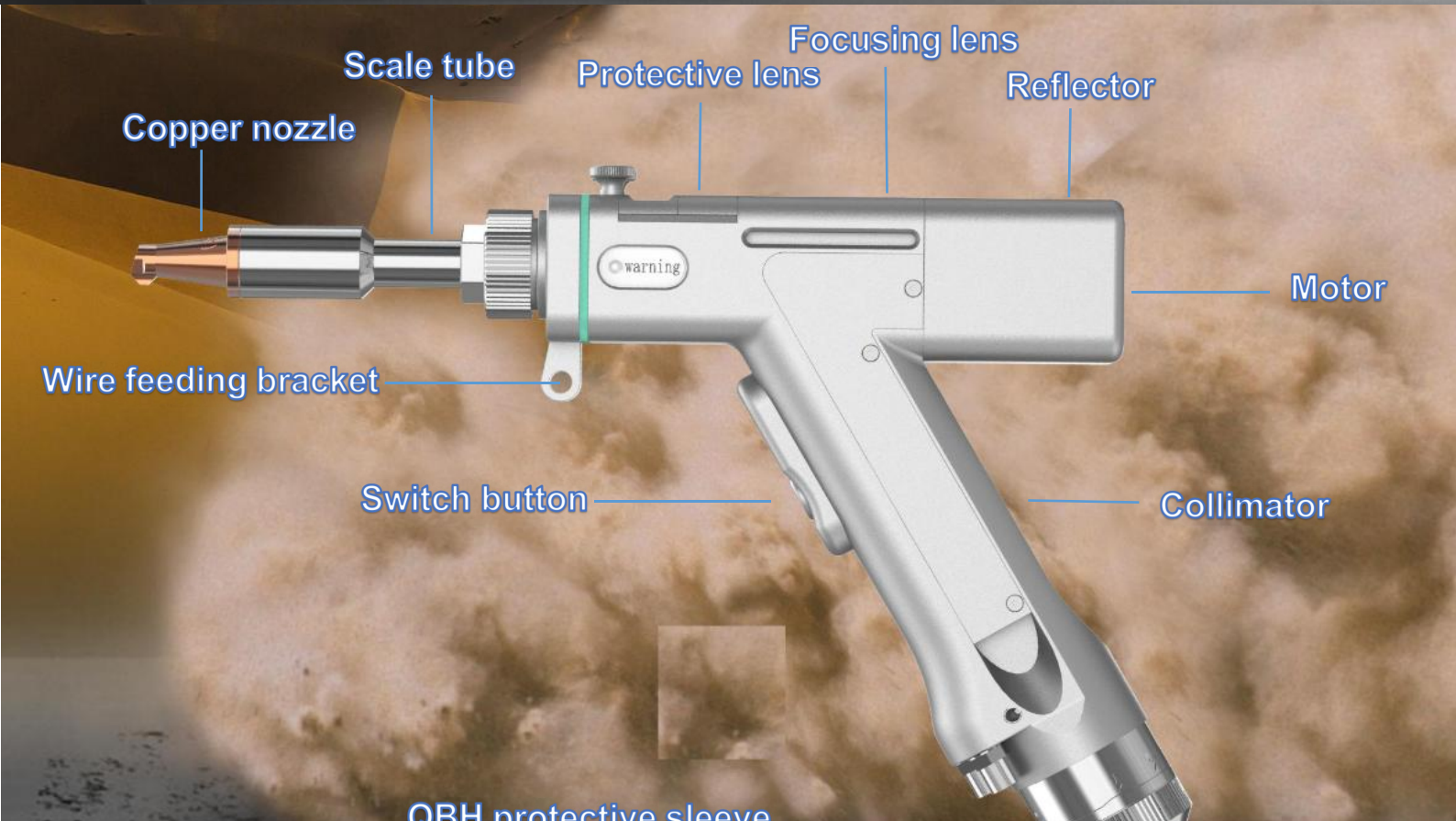
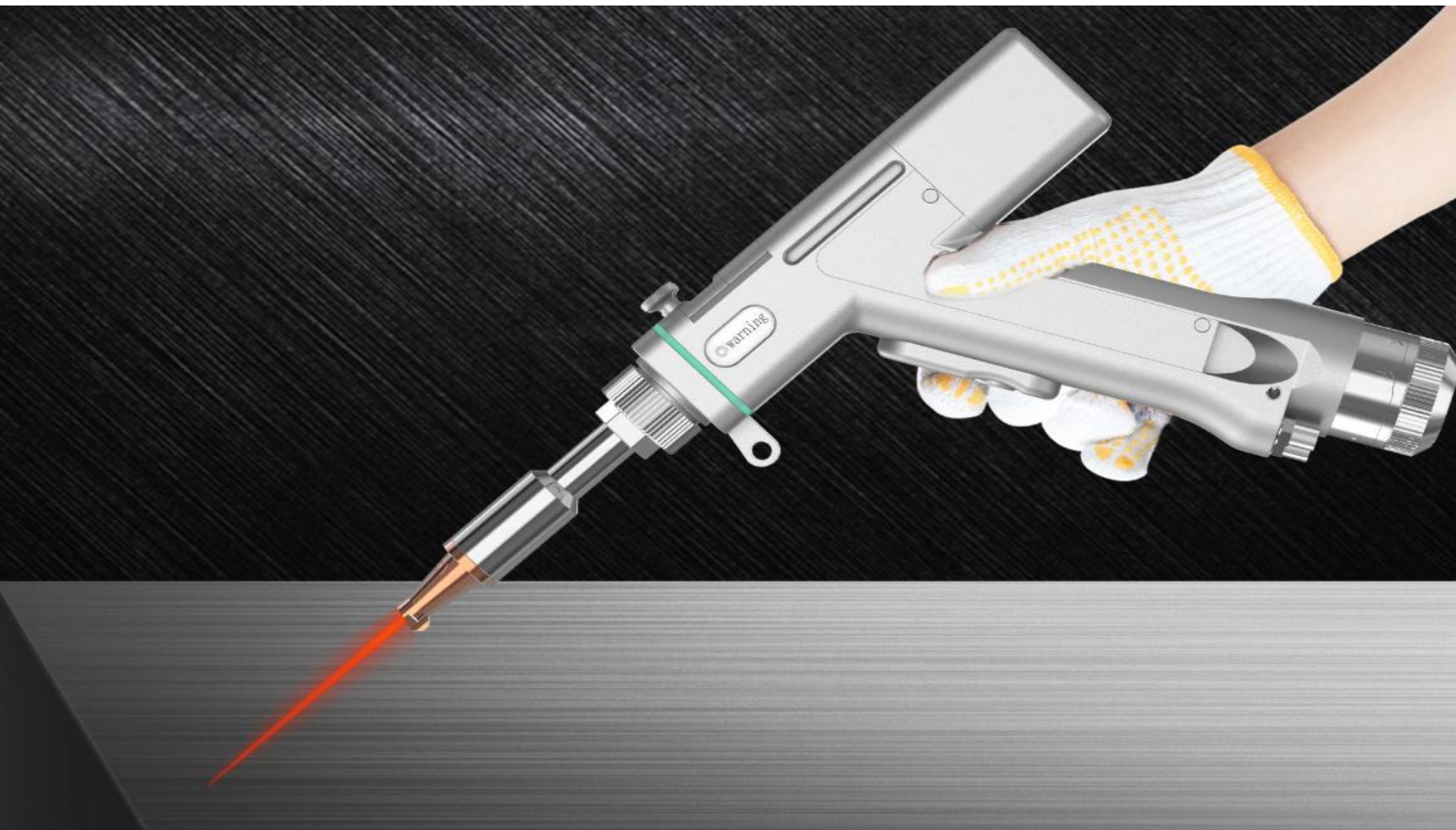


Main Configurations

No.	Name	Laser Welding Machine
1	Model	WTW-1500W
2	Laser Type	Fiber laser
3	Laser Source	MAX
4	Laser Power	1500W
5	Control System	Super Laser SUP 23T
6	Welding Gun	Super Laser 23T (metal gun)
7	Water Chiller	S&A
8	Wire Feeding Device	Single
9	Working Voltage	220V single phase, 50HZ
10	Protective Lens	5 pcs
11	Welding Nozzle	1 Set
12	Wires	1pcs carbon steel 1mm diameter 1 pcs stainless steel, 1mm diameter 1 pcs aluminum, 1mm diameter 1 pcs brass, 1mm diameter
13	U-shaped feed rollers and graphite tube	Included
14	Packing	Wood box

Technical Parameter

1	Laser wavelength	1070nm
2	Collimating focal length	D16*5 / F60mm
3	Focus Length	D20*4.5 / F150
4	Protective lens specification	D18*T2
5	Reflective lens specifications	30x14xT2
6	Welding Speed	0-300mm/s
7	Spot adjustment range	Line 0-8mm
8	Voltage	1500W - 2000W : Single phase 220V
9	Packing Size	1330*880*1270mm
10	Packing Volume	1.5CBM
11	Weight	N.W: 190KG; G.W:220KG
12	Packing	Wood box



SUP23T Features

- Basic features of the product: adapt to various welding requirements within 3000W, set multiple safety alarms and state indicator lights, abnormal state instantaneous response. The net weight of 750k is flexible and easy to use.
- The whole machine is more stable: all parameters can be seen, monitor the state of the whole machine in real time, avoid problems in advance, facilitate troubleshooting and troubleshooting, and ensure the stable operation of the hand-held welding head.
- Subversion structure design: the main structure integrated design and processing, greatly reduce the failure rate, and facilitate the later maintenance. Anti-interference reinforcement of insulated shell.
- Controlled parameters and high repeatability. Stable nozzle pressure and lens state, as long as the laser power is stable, the process parameters must be repeated, save the adjustment time, improve the work efficiency.



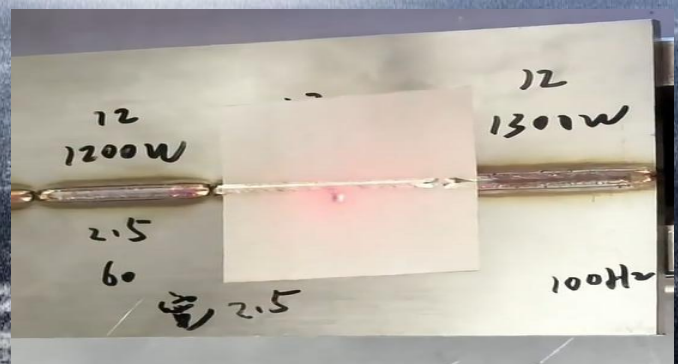
Welding



Cleaning



Cutting

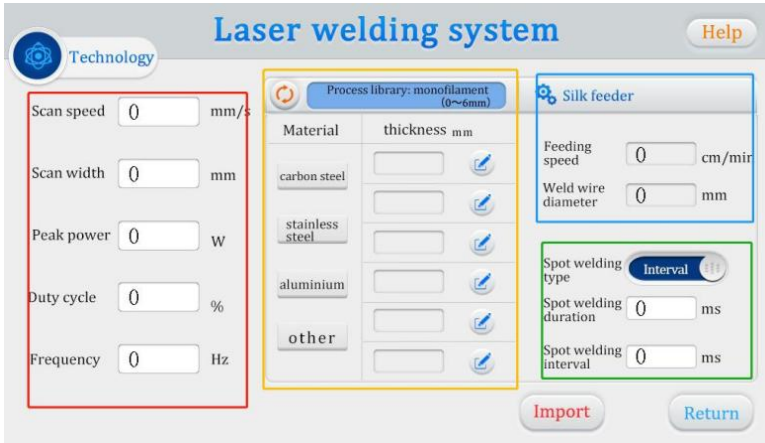


Weld seam cleaning

SUP Laser Welding System

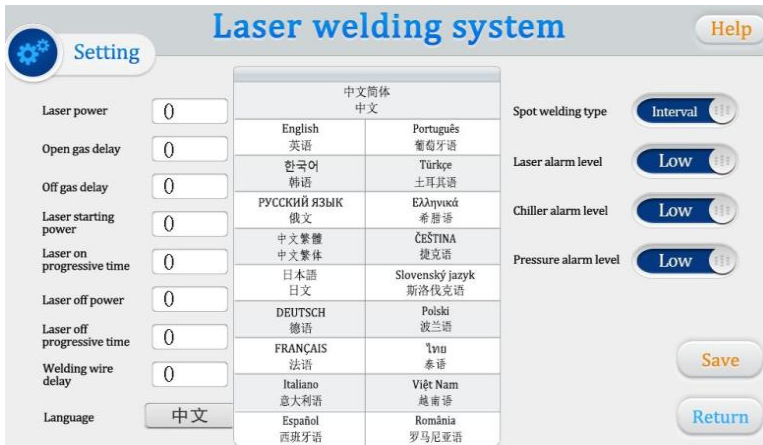
Super Laser is one of the only a few supplier in China, which can research and develop the whole set of hand torch welding machine: welding head→Laser control system→Wobble control system.

Self-develop the full set and put on the market



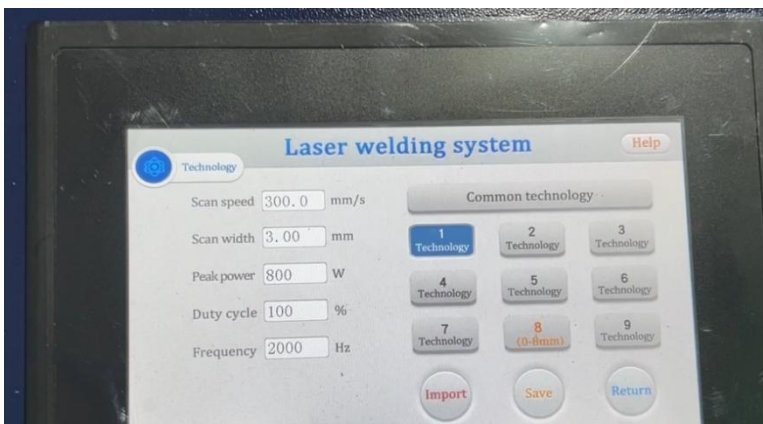
Multi Language

The system supports many languages, such as English, Turkey, Portuguese, Spanish, Russian, Arabic, Japanese, Korean, Italian, etc



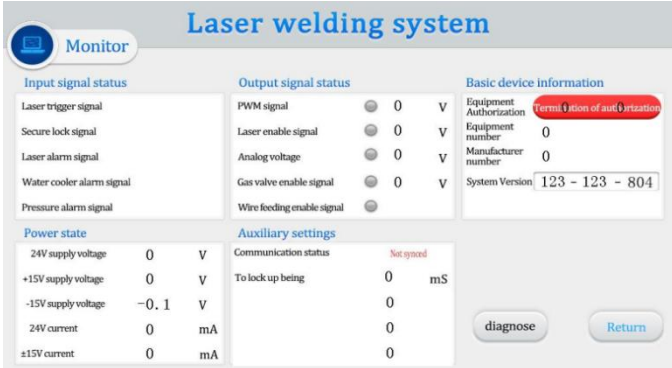
Easy Operation Software

The welding parameter is saved in the software. You can choose materials and thickness in the software, and then the machine can work directly. It's easy to learn and operate



Monitor Function

It can display various signal status and equipment information such as laser, water cooler, air pressure, etc



Max Laser Source

Max Laser adopts modular design and integrated fully enclosed optical module design. It has stable output spot and good power stability, and has the advantages of good welding effect and high consistency. It is widely used in laser welding, laser cladding, laser brazing, laser surface heat treatment, etc.



S&A Water Chiller

The chiller and laser machine run stably. Since the laser light source is the most important and expensive component in the cutting machine, in order to prolong the service life of the laser light source, a water chiller is essential.



Automatic Wire Feeder

1. High wire feeding accuracy, can accurately control the amount of welding wire delivered, and ensure stable welding quality.
2. The wire feeding speed can be adjusted in a wide range, and can be flexibly adjusted according to different welding processes and material requirements.
3. Adapt to a variety of welding wire specifications, and can be compatible with welding wires of different diameters and materials.

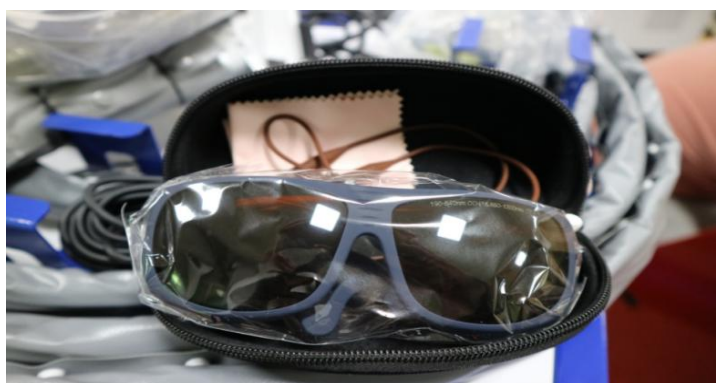


Multi nozzles

We will provide you with more nozzles according to your job. Feeding nozzles, outer nozzles. inner nozzles. etc

Safety Goggles

The goggles are designed to enhance your vision while working with the laser machine. This means that you can be more accurate and efficient while you work



Tool Box



Wood Box Packing



Jinan WINTEK Laser Technology Co.,LTD

Formal Quotation

Product Introduction

- WTK handheld laser welders can be used for welding various metals, such as stainless steel, iron, galvanized steel, aluminum, copper, silver, brass, titanium, etc.
- This handheld laser welding machine can be used for many jobs, such as complex and irregular processes such as welding cabinets and kitchens, aircraft parts, shelves, electronic components and circuit boards, precious metals, and alloys.
- The operation of handheld laser welders is simple, the welding joints are beautiful, and the welding speed is fast. WTK laser welding machine manufacturer implements strict assembly processes and world-class brand parts to ensure high-quality handheld fiber laser welding machines for customers.

Product Feature

1. The operation is simple and easy to learn.
2. The laser output is stable, ensuring the consistency of the weld.
3. The welding seam is smooth and beautiful, the welding workpiece will not be deformed, and the welding is firm without subsequent grinding process, saving time and cost.
4. 360-degree micro-welding without dead angle. After the laser beam is focused, a small spot can be obtained, which can be precisely positioned and used for welding small and small workpieces and can realize mass production.
5. The welding speed is fast, which is 2-10 times faster than the traditional welding speed.
6. It has a long service life and provide safer and more environmentally friendly welding methods.

Industry Metal

Titanium, aluminum, copper, zinc, gold, silver and many other metal and alloy, carbon steel and stainless steel materials, and also copper-brass, copper-titanium, nickel-copper, copper-titanium and many other heterogeneous metals.

