

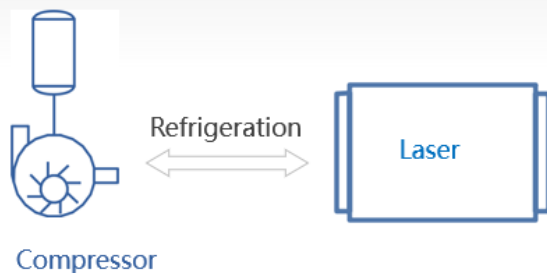
2000W Air-cooled Handheld Laser (2 in 1)

Welder - Cutter (Cleaner is an optional extra)



- Portable Air-cooled welder
- Strong environmental adaptability, working environment temperature $-10^{\circ}\text{c} \sim 50^{\circ}\text{c}$
- Refrigerant cooling for longer working hours.
- Economical purchase and upkeeping cost.
- Triple protection design, built-in air pressure detection device
- Based on 976nm pumping technology, EO conversion rate of optical module is $\geq 42\%$
- Built-in 55 groups of application process data packets, selected according to the application scenario, without too much process exploration, can easily get started.

GW Air cooled solution

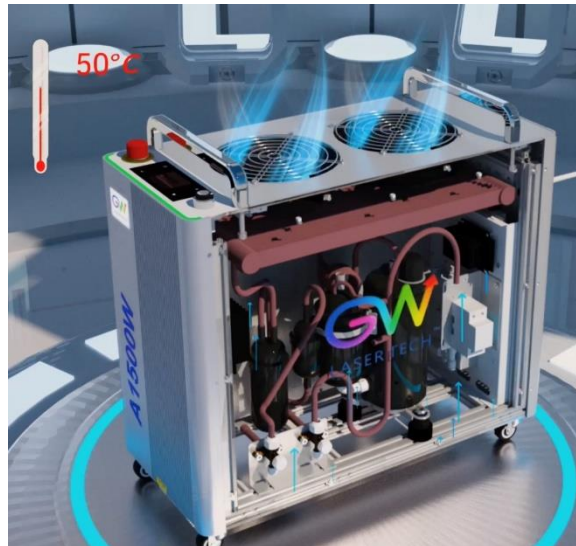


- Combine the chiller and laser into one
- No water exist, reduce the heat storage link
- Much higher integration, smaller volume and light weight ,better cooling efficiency

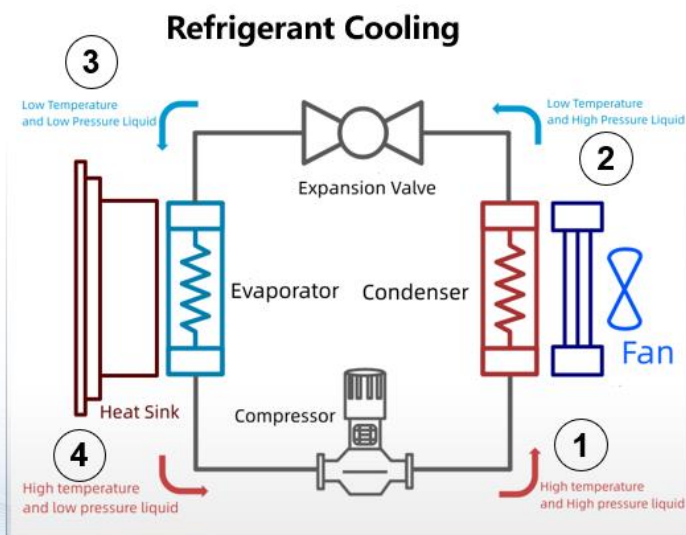


Parameters for 2000W Air-cooled 25µm diameter laser welder:

Application	Welding-Handheld	Cutting-Handheld	Cleaning-Weld seam	Cleaning-Rust
Carbon Steel Max thickness (mm)	8mm	2mm	No Limit	Maximum cleaning width in one pass: 300mm
Stainless steel Max thickness (mm)	8mm	2mm		
Aluminium Max thickness (mm)	6mm	2mm		



Features



■ Use **R410A** Refrigerant (Work under **-10°C-50°C**)



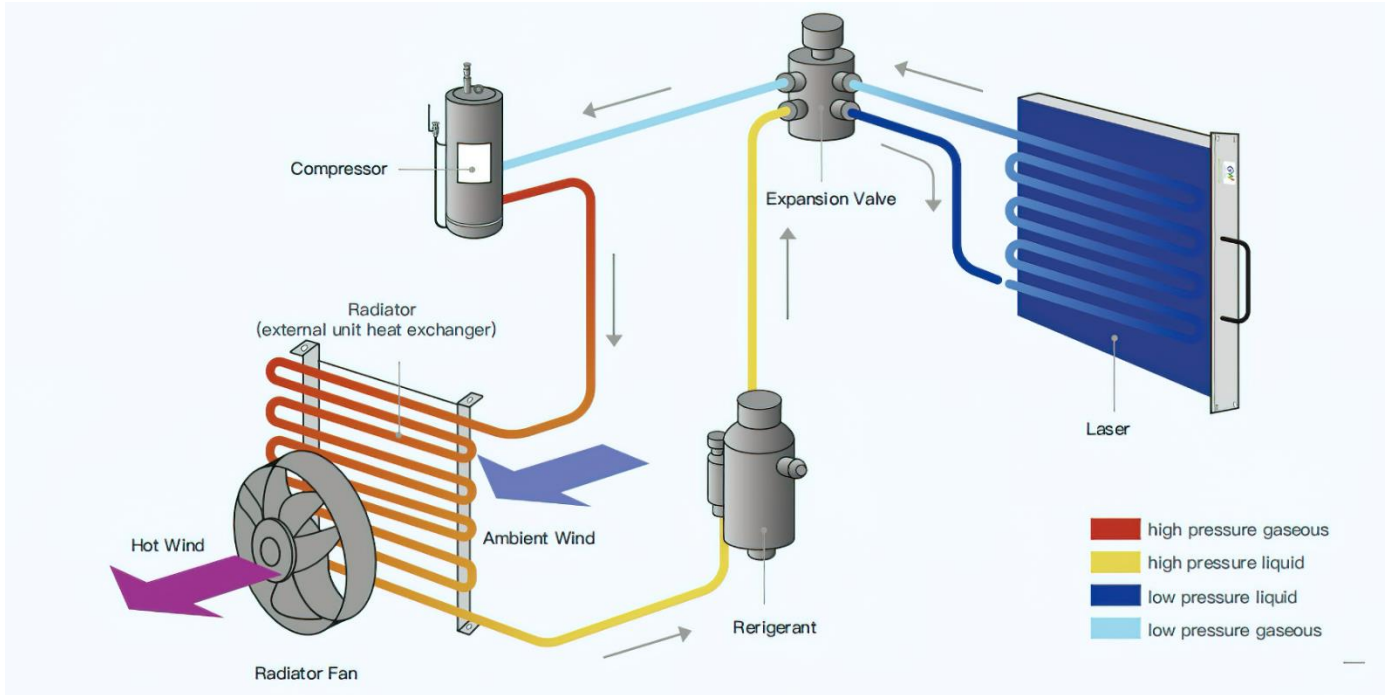
■ **Active Air Cooling**



■ Long Working Time
Work 24 hours without rest, at least 8 hours continuously working

Flow of refrigerant

The flow direction of refrigerant in the compressor and evaporator is opposite to that during cooling, thereby achieving the heating effect.



Product specification parameter	YLPS-Weld-2000-A
Output Power (watt)	2000
Operating Mode	CW/Modulation mode/Linear mode/Pulse/Timing mode
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1070±10
Max. Modulation Frequency	50kHz
Wobble Way	Single
Cable Length (m)	5±0.5 (Customizable)
Cooling Method	Active air cooling
Ambient Temperature Range (°C)	-20~50
Input Voltage	220VAC/50Hz
Dimension (mm)	699 x 371 x 618 (L×W×H)
Weight (kg)	< 65