



SMART HW Series

Handheld Laser Welding Machine



Wobble welding heads

Built-in dual-axis high-speed servo motor



laser beams

protective gas

Coaxial blowing mode of protective gas
It is no longer limited to linear welding

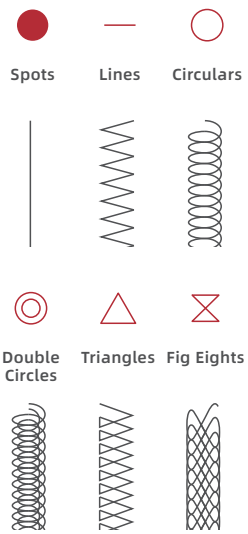


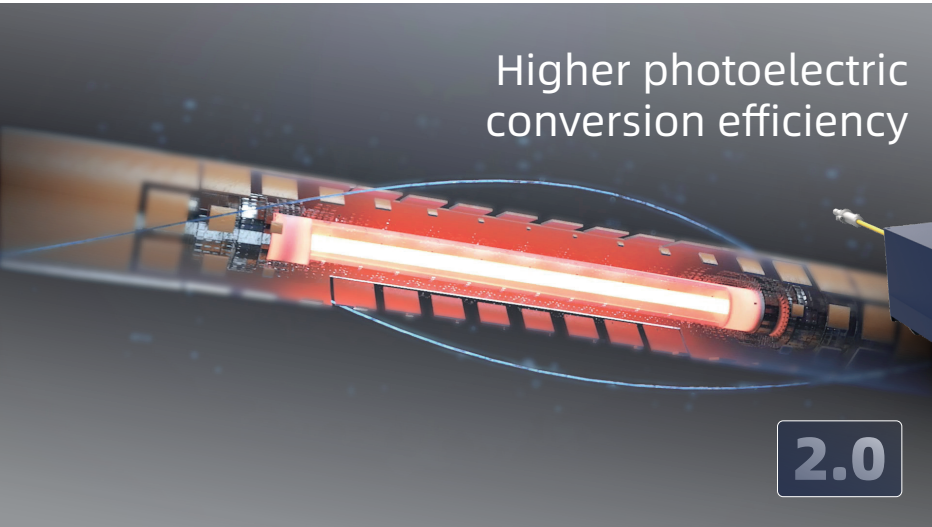
Circulating water circuit design
Rapid cooling of the gun body



Digital display screen design
Real-time control of welding data

Multiple spot modes
can be switched freely

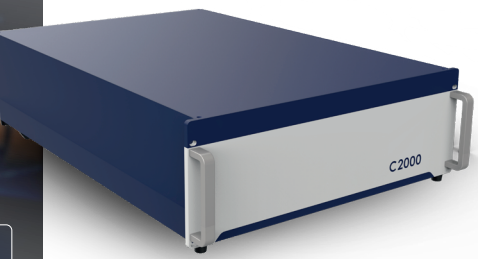




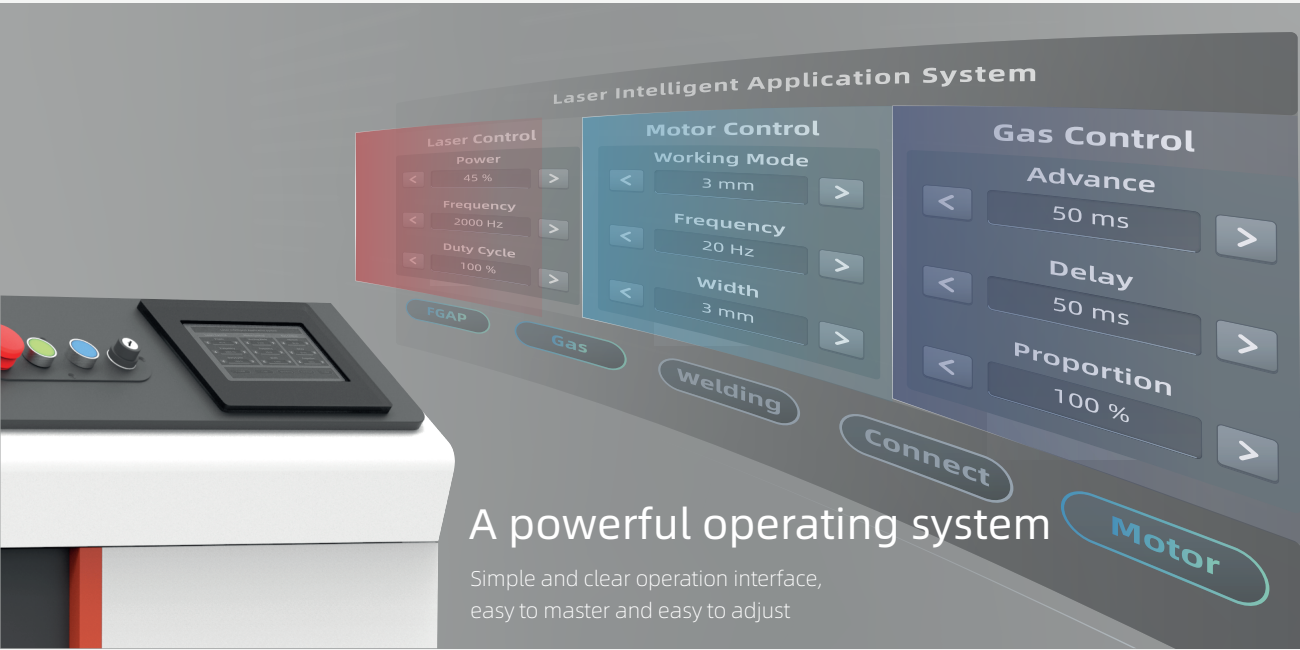
Higher photoelectric conversion efficiency

2.0

Second generation
optical fiber transmission system
Better and more stable beam quality



C2000



A powerful operating system

Simple and clear operation interface,
easy to master and easy to adjust

Parameter

MODEL	SMART - HW	
Laser type	Fiber	
Wavelength	1080nm	
Power	1.5KW/2KW/ 3kw	
Frequency	20-5KHz	
Output focal length	120mm	
Cooling method	Water cooling	
Fiber length	5M/10M/15M	
Port	1 way gas	
Power consumption	≤8KW	
Air pressure requirement	4-6Bar (Select nitrogen,argon or compressed air according to process requirements.)	
Electricity demand	1.5KW/ 2kw -AC220V/50/60Hz	• 3KW -AC380V/50/60Hz

Industry Applications



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