

# 3 IN 1 HANDHELD FIBER LASER WELDING MACHINE



## Product Features

- New Technology of 3IN1 Fiber laser
- New design, small size, flexible and convenient, small footprint.
- Simple operation without welding experience.
- Equipped with double-drive wire feeder, wire feeding is more stable. 3000w optional dual wire feed
- Alarm Warning ,Overheat protection ,Water chiller protection, Laser Source protection , Gas Pressure Protection , etc.

## Standard accessories

- Wire feeder /Laser Welding Torch/Protect Lens\*5pcs
- Standard Nozzle



Model	HGLW-1000E	HGLW-1500E	HGLW-2000E	HGLW-3000E	HGLW-3000EW
Input Voltage/Phase	220V/1 Phase			415V/3 Phase	
Torch Model (Gefasst)	SUP-20S(Welding)	SUP-20S(Welding) or SUP-20T(3IN1)		SUP-21T(3IN1)	
Fiber Laser Source	Feibo or Reci				
Laser Wavelength	1070~1090 nm				
Twin wire welding model	N/A		Optional		SUP-AMF-A Feeder
Welding wire size	0.8/1.0/1.2/1.6 mm				
Welding wire	Support 5kg or 15kg				
Welding width	0.5~6 mm				0.5~8 mm
Torch cooling method	Water Chiller				
Welding torch head	800g				
Torch Lead length	5 meter or 10 meter				
Operating Gas	Nitrogen / Argon /Co2				
Maximum Power usage	220V/1P/15A	220V/1P/20A	415V/3P/26A	415V/3P/36A	
Laser Safety Protection Level	Class 4 (GB7247.1,IEC 60825-1)				
Dimension & weight	915*490*775mm & 120Kg				

1000W Welding Penetration Thickness							
Materials & Thickness	1mm	2mm	3mm	4mm	5mm	6mm	8mm
Stainless steel	o	o	o				
Mild Steel	o	o	o				
Aluminium	o						
Brass	o						

1500W Welding Penetration Thickness							
Materials & Thickness	1mm	2mm	3mm	4mm	5mm	6mm	8mm
Stainless steel	o	o	o	o			
Mild Steel	o	o	o	o			
Aluminium	o	o					
Brass	o	o					

2000W Welding Penetration Thickness							
Materials & Thickness	1mm	2mm	3mm	4mm	5mm	6mm	8mm
Stainless steel	o	o	o	o			
Mild Steel	o	o	o	o			
Aluminium	o	o	o				
Brass	o	o	o				

3000W Welding Penetration Thickness							
Materials & Thickness	1mm	2mm	3mm	4mm	5mm	6mm	8mm
Stainless steel	o	o	o	o	o	o	
Mild Steel	o	o	o	o	o	o	
Aluminium	o	o	o	o			
Brass	o	o	o	o			

1500W-3000W Cutting Thickness							
Materials & Thickness	1mm	2mm	3mm	4mm	5mm	6mm	8mm
Stainless steel	o	o	o				
Mild Steel	o	o	o				
Aluminium	o						
Brass	o						

1000W-3000W Cleaning Width	
Materials	Cleaning Width
Mild Steel	40-50mm

