

HANDHELD LASER WELDING

is here

In today's economy, it is more important than ever for companies to find ways to save money and become more sustainable. Weldmax LaserWeld offers a welding process that not only saves time and money but is also more environmentally friendly than traditional welding methods. Our laser welders are reliable and efficient, making them the perfect choice for companies looking to improve their bottom line.

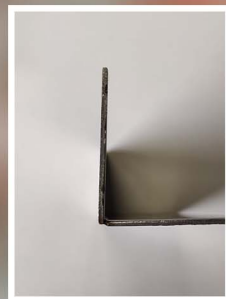
90%
Time savings*

The main benefits:

- + Time and cost savings
- + High processing speed
- + High quality of the final product

65%

The new Weldmax PhotonWeld Laser welding machine uses revolutionary EcoEner power pumping technology based on 976nm. The new Weldmax PhotonWeld is a minimum of 22% less energy consumption compared to any other laser welder of its capacity, which equates to 42% increase in power out of the wall plug (Class A+++)



weldmax

Key benefits of Laser welding:

- Decrease employee risk to burns and fume
- Increase quality and consistency of welds
- Decrease welding production time
- Decrease space needed in work area
- Decrease labour costs
- Increase scope of work (thinner materials weldable without distortion)



Eco friendly



Portable



Air-Cooled



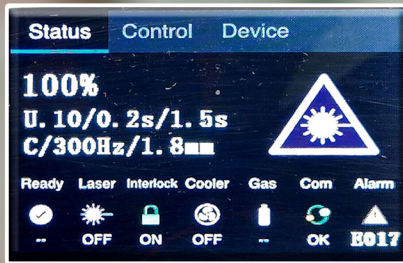
Safe to use



55 Preset programs



Fast ROI: Together with higher-speed and lower cost processing, the high uptime availability of the laser welding system enabled by low-maintenance fiber laser makes for the lowest cost per weld, and the fastest return on investment.



- Fast
- Stable
- Precise
- Clean
- Repeatable
- Efficient



Material	Thickness																		
	0.5 mm				1 mm				2 mm				3 mm				4 mm		
	C	M	P	T	C	M	P	T	C	M	P	W	T	C	M	W	T	C	W
Stainless Steel	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Carbon Steel	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Aluminium Steel	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓		✓			
Brass/Copper	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓		✓			

C: Continuous Welding CW - M: Pulse Wide Modulation PWM - P: Pulsed Welding - W: Wire Infeed - T: Tack Welding



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