



LCD Control Panel



Welding Gun



Welding Nozzles



Wire Feeder

Lasersonic provides;

- * Able to learn and apply within 10 minutes,
- * Consumables and spare parts in stock,
- * Service within 24 hours, opportunities.



FIBER LASER WELDING MACHINE

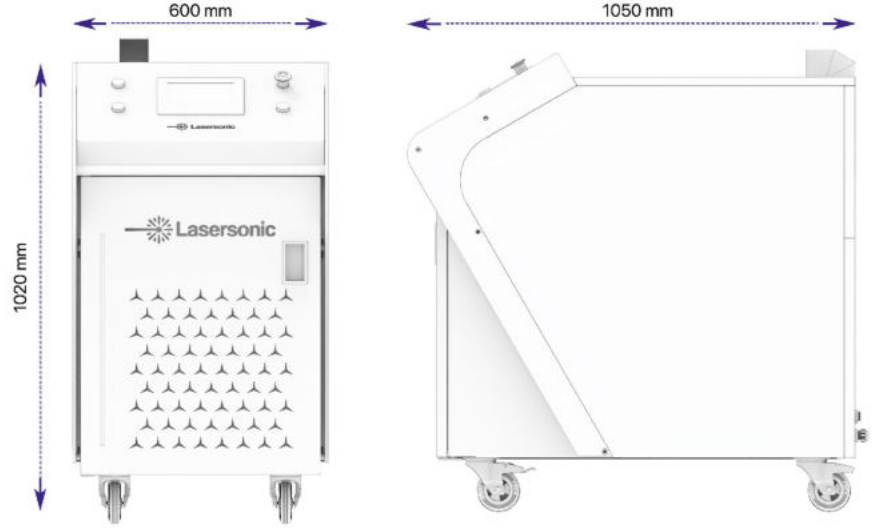
- * Welding up to 6 mm thickness.
- * Minimal heat dissipation.
- * Thin and precise welding line.
- * Various joining methods such as corner, overlap, face-to-face.
- * It does not require pre- and post-welding processing.
- * Welding at high speeds. (Up to 10 m/min speed)
- * Electrodeless welding.
- * Motorized wire feed for welding height.
- * Low amount of welding fumes.
- * Flexible welding capability with special nozzles.
- * Touchscreen, color screen controller.
- * 1000W - 1500W and 2000W power options.

MODEL	LHW 1000 FN	LHW 1500 FN	LHW 1500 FM	LHW 2000 FM	LHW 1500 FR	LHW 2000 FR
LASER SOURCE	n LIGHT	n LIGHT	MAX PHOTONICS	MAX PHOTONICS	reci	reci
POWER	1000W	1500W	1500W	2000W	1500W	2000W
WIRE FEEDER	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
CABLE LENGHT	8m	8m	8m	8m	8m	8m
POWER CONSUMPTION	5,5 kW	7 kW	7 kW	8,5 kW	7 kW	8,5 kW
CURRENT	32 A	32 A	32 A	40 A	32 A	40 A
SOFTWARE LANGUAGES	9	9	9	9	9	9
WEIGHT	232 kg	232 kg	228 kg	228 kg	228 kg	228 kg
VOLTAGE	380V 50-60 Hz	380V 50-60 Hz	380V 50-60 Hz	380V 50-60 Hz	380V 50-60 Hz	380V 50-60 Hz



You can use fiber laser systems on;

- * Household Appliances...
- * Kitchen Sink and Armature...
- * Electrical Panel and Equipment...
- * Elevator Cabin Production...
- * Bulding Interior / Exterior Cladding...
- * Kitchen Utensils...
- * Chimney and Ventilation Systems

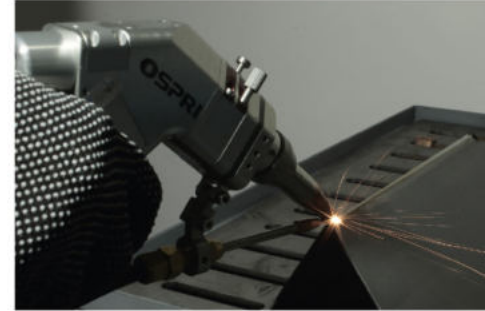


All of our high-tech products R&D and production processes has been carried out in Turkey.

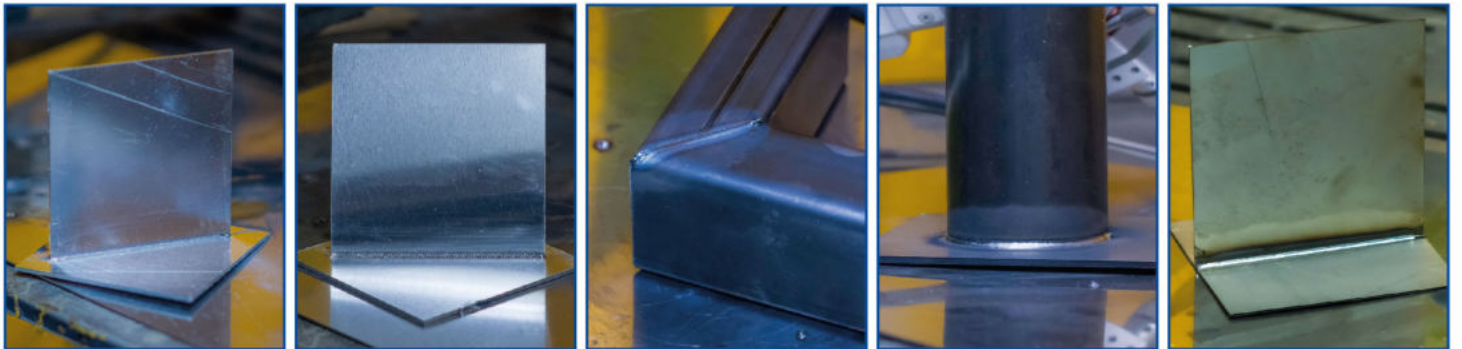


CONVENTIONAL WELDING / LASER WELDING COMPARISON OF METHODS

	LASERSONIC WELDING	CONVENTIONAL WELDING
ENERGY	LOW CONSUMPTION	HIGH CONSUMPTION
HEAT DISPOSITION	LOW	HIGH
SPEED	HIGH SPEED	LOW SPEED
THICKNESS	ACTIVE ON THIN MATERIAL	ACTIVE ON THICK MATERIAL
USER EDUCATION	SHORT-TERM	LONG-TERM



Handheld Fiber Laser Welding samples



With our fiber laser welding device, you can make a wide variety of welding types very quickly and perfectly.

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 Lasersonic is a brand of Sezgin Lazer Makine...