



CAT_EX_EN_13.00

Laser Welding Machines Industrial Series

Available models and their respective technical specifications



Model	LWH 1500W	LWH 3000W	LWH 6000W
Laser power (W)	1500 W	3000 W	6000 W
Laser source	MAX Photonics	MAX Photonics	MAX Photonics
Nominal voltage (V)	220 V	380 V	380 V
Power supply	Single-phase	Three-phase	Three-phase
Frequency (Hz)	50 Hz	50 Hz	50 Hz
Cooling	Water	Water	Water
Dimensions (mm)	900x730x980 mm	1610x720x1160 mm	1900x950x1410 mm



Welding ExpansorLux

ExpansorLux laser welding machines represent the perfect combination of advanced technological innovation, industrial performance, and ease of use.

Designed for fast and precise welding, these machines guarantee a homogeneous and high-quality finish, reduce rework, and ensure reliable, consistent, and efficient results.

By investing in ExpansorLux laser welding solutions, companies benefit from increased productivity, reduced operating costs, and a consistently high and sustainable standard of quality.

Available welding wires and welding capacity by material



Material	1500W	3000W	6000W
Carbon steel	4 mm	6 mm	8 mm
Stainless steel	4 mm	6 mm	8 mm
Aluminum	3 mm	5 mm	6 mm
Galvanized sheet metal	4 mm	6 mm	8 mm

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