

Mega 9.0



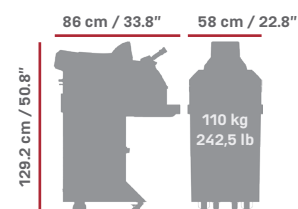
The Mega 9.0 is a laser welding system designed for high-volume production.

Its dedicated stand houses a generous cooling system, while the heart of the machine features a **dual-lamp, single-rod laser with enhanced PFC**, resulting in high peak power, stable shots even at high frequencies, and high average power (150W laser output).

It is also equipped with the innovative **SMSP (Smooth Spot Multi Pulse)** technology and **Gaussian Smooth Spot**, ensuring uniform energy distribution.

Plus

- 24/7 continuous operation
- Stand Alone
- Spacious welding chamber



Data sheet

Laser source and wave length	Nd:Ce: YAG 1064 nm
Average power	150 W
Peak power	15 kW
Energy	300 J
Impulse time	0.1 - 20 ms
Pulse frequency	0.5 - 50 Hz
Spot diameter	0.2 - 2.0 mm (0.05 or 0.1 opt.)
Spot setting	Motorized
Wave programs	Pulse Shaping 7 preset
Memories cell stored	100
Internal chamber control	Joystick
External control	7" Color Touch Screen
Power supply	230 V AC, 50/60 Hz (110 on request) - 4.4 kW
Type	Pedestal
Argon nozzle	Yes