

# 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

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

