

# Mega 9.0



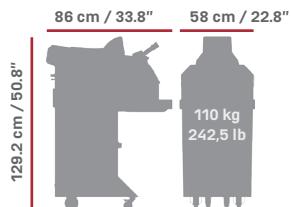
The Mega 9.0 is a laser welding system designed for high-volume production.

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  |