



Mega 6.0

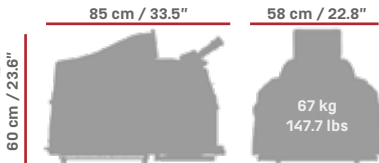


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3D VISION SYSTEM

The Mega 6.0 is a professional laser welding machine for micro-welding applications. Building on the best features of the Mega SILVER (spacious welding chamber and dual cooling system), it stands out for improved energy efficiency and laser shot quality. Equipped with SMOOTH SPOT technology, it ensures better distribution of filler material and superior welding finishes. Ideal for welding silver and reflective materials, the Mega 6.0 is designed for intensive production and offers a 3D VISION option for a stereoscopic view of the welding area.

Plus

- Smooth Spot Technology
- Preloaded Demo Videos
- Dual Cooling System



Data sheet

| | |
|------------------------------|--|
| Laser source and wave length | Nd:Ce: YAG 1064 nm |
| Average power | 100 W |
| Peak power | 11 kWp |
| Energy | 255 J |
| Impulse time | 0,1 ÷ 25 ms |
| Pulse frequency | 0,5 ÷ 40 Hz |
| Spot diameter | 0,3 ÷ 2,0 mm (0,05 or 0,1 opt.) Smooth Spot |
| Spot setting | Motorized |
| Wave programs | Pulse Shaping 6 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) - 2,2 kW |
| Type | Desktop |
| Argon nozzle | Yes |