



ML-6700B - 500W Fiber Laser Welder

High power 500W fiber laser performs welding and fine cutting of sheet metals.

Key features ML-6700B - 500W Fiber Laser Welder

- > Small focus with longer focal lengths
- > Higher efficiency than lamp pumped systems
- > Plug and play systems
- > Estimated diode life time > 100.000 hours
- > Integrated internal chiller
- > Integrated beam splitter (up to three outputs)
- > Energy share or time share available for certain models upon request
- > Outstanding beam parameter product
- > CW / Pulse selectable
- > Pulse : 1 to 5000 pps
- > Fiber diameter: SI 0.05 - 1 mm
- > Environment 5 to 50°C with humidity 50 to 85 %
- > IP 54

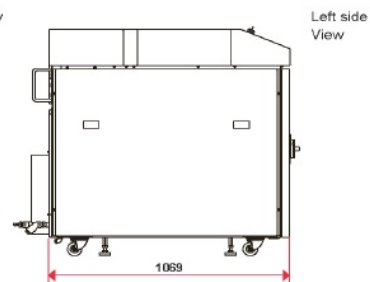
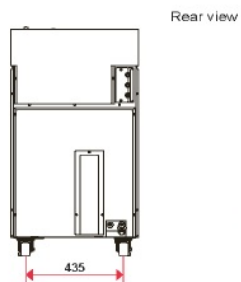
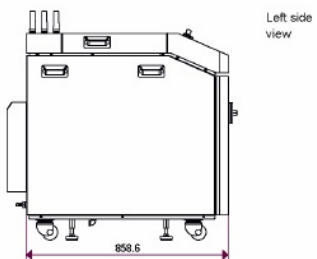
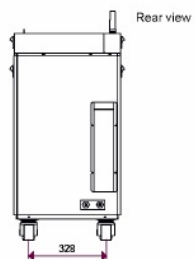
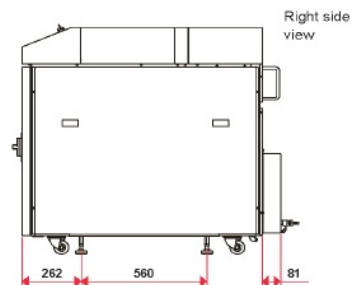
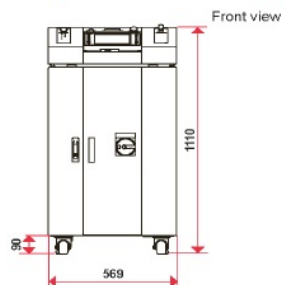
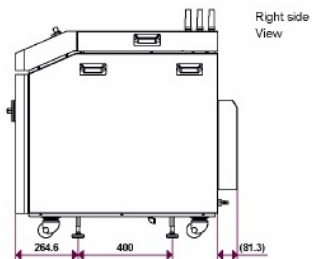
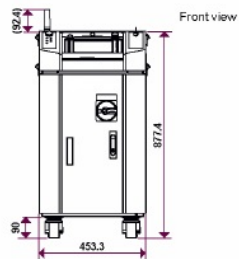
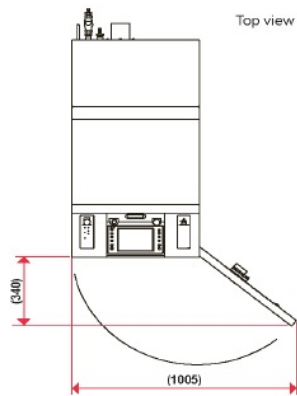
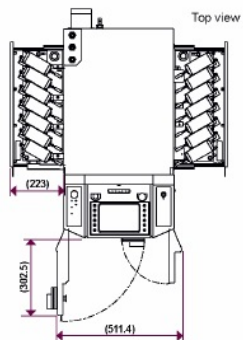
Specifications ML-6700B - 500W Fiber Laser Welder

Model	ML-6700B
Max. rated output	500 W
Power requirements	3-phase, 200 V to 400 V AC (+10% / -15%), 50/60 Hz
Breaker rated current	30A (380 V / 400 V)
Cooling	Water - Water
Weight	250 kg
Safety class	Class 4 laser, pilot laser: Class 1
Certification	CE compliant

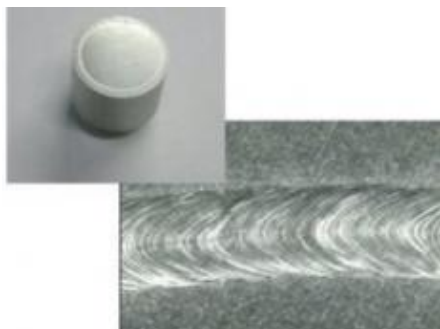
Drawings ML-6700B - 500W Fiber Laser Welder

⇒ For ML-6500C, four FC-LDs are contained on each side.

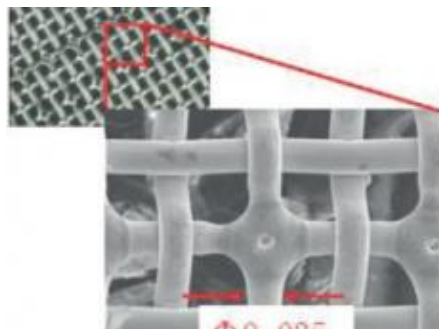
Unit: mm



Product applications ML-6700B - 500W Fiber Laser Welder



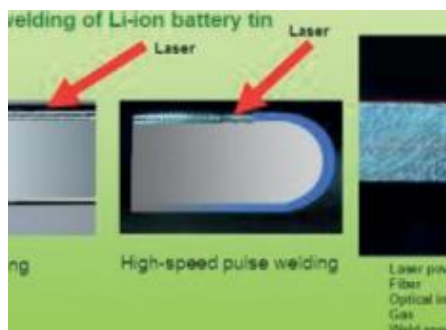
Fine cutting of metals



Brazing



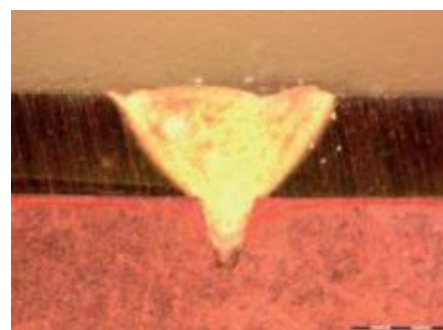
Plastic welding



Cladding



Bellow welding



CuSn6

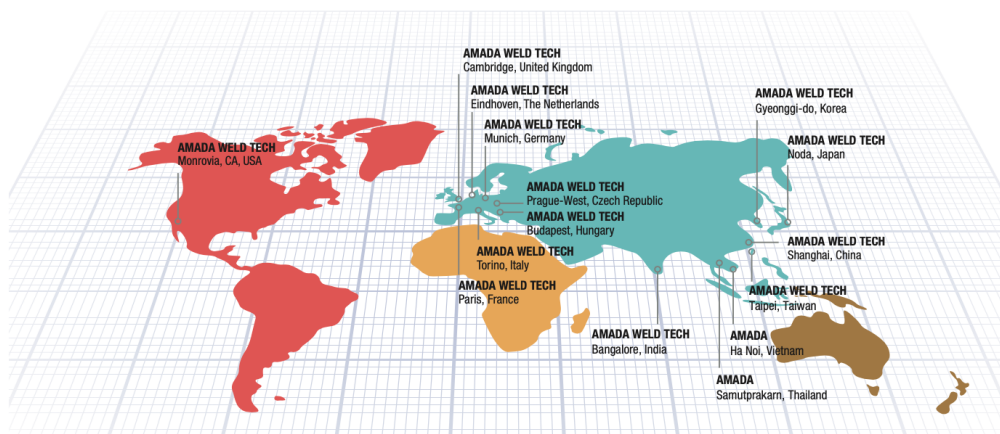
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