ELDER TT

pact laser welding machine



cifications

Radiation source	olid-state Nd:YAG laser
Wavelength, μm	1.06
Laser operating mode	Pulsed
ource power	200
erating temperature, °C	15–35
Welding gap, mm	300
Thickness of welded products, mm	0.5–5
Pulse repetition frequency, kHz	p to 200
xiality of the laser optical and video -monitoring systems	Yes
Processed sheet materials	High-alloy steel, tool steel, copper a lloys, beryllium alloys, aluminum allo ys, titanium alloys, thermoplastics
Radiation wavelength, μm	1064
Pulse energy, J	Stainless steel, aluminum, carbon ste el, galvanized steel
Pulse duration, ms	0.2–20
Cooling type	Water
pe	utomated