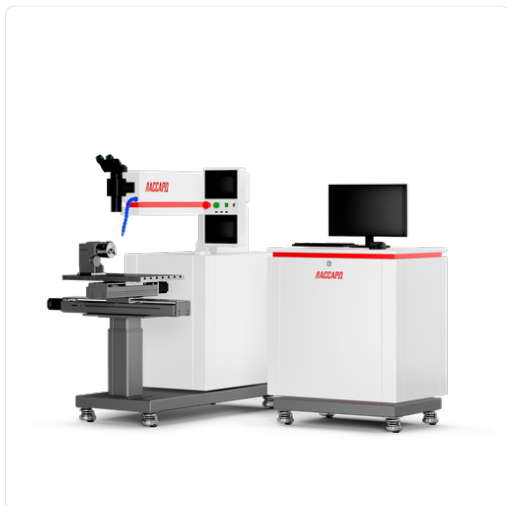


# WELDER TT

pact laser welding machine



## Specifications

Radiation source	solid-state Nd:YAG laser
Wavelength, $\mu\text{m}$	1.06
Laser operating mode	Pulsed
Source power	200
Operating temperature, $^{\circ}\text{C}$	15–35
Welding gap, mm	300
Thickness of welded products, mm	0.5–5
Pulse repetition frequency, kHz	до 200
Visual inspection	—
Quality of the laser optical and video-monitoring systems	es
Control	—
Processed sheet materials	High-alloy steel, tool steel, copper alloys, beryllium alloys, aluminum alloys, titanium alloys, thermoplastics
Radiation wavelength, $\mu\text{m}$	1064
Pulse energy, J	Stainless steel, aluminum, carbon steel, galvanized steel
Pulse duration, ms	0.2–20
Cooling type	Water
Operation	Automated