



GreenBlu, Inc. • 1800 E STATE ST STE 148 • HAMILTON, NJ 08609-2013
(609) 438-3885 <http://greenb.lu> solardesalprize@greenblu.co

American-Made Network request for assistance:

Automated laser welding is a core manufacturing technology for GreenBlu's products. We request assistance from American-Made Network partners in developing our in-house capability. Our products require autogenous hermetic seam welds in sub-mm sheet metals such as stainless steel, super duplex alloys and titanium. We envision mounting the welder to a cartesian robot with a working envelope of 1m x 2m x .15m. Accurate location of welds within this volume is critical. Travel speed during welding needs to be at least 75mm/s. We seek a partner to assist us in identifying candidate robots, integrating the welder with the robot and developing the workflow to produce welds from our CAD models.