

Technical Assistance Request

Gritt Robotics is accelerating the deployment of utility-scale solar by automating the construction of these projects. The following assistance from the American-Made Network and other relevant organizations would speed up our product development -

Mechanical and electrical design

- Designing custom modifications and mounting brackets for construction equipment.
- Design for manufacturability assistance.

Fabrication

- Rapid prototyping of sensor and computer housings.
- Fabrication of mounting brackets and custom attachments for construction equipment.

FEM Analysis

- Loading, stress and thermal analysis of attachments to ensure reliable operation in a range of outdoor temperatures

Reliability

- Designing for IP65 and IP67 protection levels
- Accelerated life testing

Establishing System Safety

- Performing safety analysis of the system prior to, during and after field trials
- Safety process recommendations
- Compliance with ISO standards for health and safety