



## **JOB DESCRIPTION**

**Job Title: Product Engineer**

**Department: Engineering**

**Reports to: Engineering Manager**

**Classification: Exempt**

### **Job Summary**

The Product Engineer will play a key role in the development of innovative solutions to solve the problems facing today's farmers worldwide through designing, testing, and supporting the manufacturing process of agricultural equipment.

### **Qualifications and Experience**

- B.S. in Mechanical or Agricultural Engineering
- Approximately 5+ years of engineering experience; ag equipment engineering experience preferred
- 3-D CAD experience (Solidworks preferred)
- Mechanical design experience required; hydraulic and electrical systems preferred
- Ability to handle multiple projects simultaneously and see them through to completion
- A team-first approach that focuses on the success of the whole team
- Strong communication skills and ability to work across all departments within the company
- Experience in the process of moving a project from design to prototype build to testing
- Experience in a manufacturing environment

### **Job Responsibilities**

- Create and maintain CAD models
- Coordinate with multiple departments in order to build prototypes for testing, both large and small scale
- Maintaining drawings and bill of materials based on design changes
- Work across multiple product lines
- Utilize a design-for-manufacturing approach that fits the context of Amity's manufacturing processes and environment
- Analyze test data to draw conclusions for implementation in the next design iteration
- Incorporate voice of the customer into product development and design
- Research new technology to recommend advances to current systems, products, and methods



- Provide hands-on support in the field for product testing
- Service-oriented approach with customers when testing in the field
- Determine suitable testing parameters to assess design features and identify areas of improvement
- Coordinate with vendors to develop long-term solutions to design problems
- Travel required: approximately 10%

### **Benefits**

Amity offers a competitive benefits package that includes FREE family health coverage, 401(k) with company match, available medical, dental, vision, as well as long-term disability insurance options. Some benefits may require completion of initial probationary period.

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