

## **Product Engineering Manager**

K-Hart Industries Ltd. designs, manufactures, and globally distributes seeding and harvesting equipment for the conservation minded agricultural producer. We are looking for a Product Engineering Leader to help drive the growth of our vibrant company. As the Product Engineering Manager, you will be responsible for overseeing the product engineering team and driving innovation in our product line. You will work closely with cross-functional teams to deliver high-quality, cutting-edge solutions to meet the evolving needs of our customers.

### **Duties and Responsibilities:**

- Lead and manage a team of engineers, providing mentorship, guidance, and performance feedback.
- Oversee and actively participate in the design and development of agriculture equipment products, ensuring they meet performance, quality, and regulatory requirements.
- Collaborate with stakeholders to define product requirements, specifications, and technical documentation.
- Participate in project planning, resource allocation, and budgeting activities to ensure successful execution of design projects within defined timelines and budgets.
- Lead design reviews to evaluate design concepts, identify potential issues, and provide feedback to optimize designs for manufacturability, cost-effectiveness, and performance.
- Provide technical expertise and support to resolve complex engineering challenges.
- Utilize computer-aided design (CAD) software and other relevant tools to create detailed 3D design models, engineering drawings, and technical specifications.
- Stay updated with industry trends, new technologies, and emerging methodologies relevant to agriculture equipment engineering.
- Support the resolution of design-related issues and provide technical guidance to troubleshoot and address engineering challenges during the product development lifecycle.
- Foster a collaborative and innovative culture within the design engineering team, encouraging idea sharing, creative problem-solving, and continuous improvement.
- Stay customer-focused by actively seeking customer feedback, conducting user studies, and incorporating customer insights into the design process.
- Support development of product and service-related publications.
- Able to travel 10% of the time for 1-2 weeks at a time.
- Other duties as assigned.

## **Requirements:**

### **Education and Experience**

- Bachelor's or Master's degree in mechanical engineering, Agricultural Engineering, or a related field.
- Minimum of 8 years of experience in product engineering within the agriculture equipment.

### **Skills and Knowledge**

- Strong leadership skills
- Effective communication and interpersonal skills to collaborate with internal teams, external partners, and stakeholders.
- In-depth knowledge of agriculture equipment design, manufacturing processes, and engineering principles
- Strong project management skills with the ability to prioritize tasks and manage multiple projects simultaneously.
- Proficiency in CAD software and other relevant engineering tools.
- Must have excellent problem-solving skills to evaluate multiple options and make concise decisions.
- Able to work under pressure to meet deadlines utilizing excellent organizational and time management skills.

### **Job Type:**

- Full time, permanent
- 8-hour shift, Monday to Friday

### **Salary Range:**

- To be discussed