



## **Project Engineer I - Full Time - Duluth MN**

Moline Machinery LLC is a leading industrial food processing equipment manufacturer in Duluth, MN, in business since 1945 and family owned. Our equipment is distributed both domestically and internationally to large high-volume industrial bakeries and food processors for the automated production of baked goods and other food products. The equipment we manufacture includes continuous assembly production lines with fully automated electronic touch screen control. Individual components for industrial production are also manufactured. Our campus includes office buildings, 120,000 Sq. Ft. of manufacturing space and a modern technical center where Moline equipment and customer formulations are tested and proven. Our Operations & Production team members are extremely important parts of our company. This is a challenging position for an individual who enjoys working with people in a constantly changing environment with new technology. EOE

### **Job Summary**

Designs and develops industrial baking equipment and components of a varied complexity level. May act in a project lead role. Develops layouts and drawings of the design. Prepares bill of materials. Follows equipment through manufacturing and assembly, resolving problems as they arise. Makes revisions as needed. Documents the job and all related information.

### **Duties and Responsibilities:**

- Develops a layout of the design, utilizing computer aided drafting software. May develop new or revise existing designs.
- Contacts vendors as needed with questions regarding capabilities of the equipment.
- Prepares drawings and forwards them to drafting; may also do the drafting.
- Receive drafting information and prepares bill of materials. Forwards information to production to release it to manufacturing.
- Answers questions and follows job through the shop and assembly.
- Makes revisions as needed.
- Photographs equipment at time of shipment.
- Documents the equipment created and all project related information.
- May act as a lead for various projects; clarifies questions on customer specifications and requirements, coordinates various jobs and some installation details; coordinates the installation at the customer's site.
- Assists customer service with parts orders, etc.
- Performs other duties and special projects as assigned.



### **Job Requirements:**

- Bachelor's degree in mechanical engineering or equivalent experience.
- Experience with 3D modeling and drafting software (Inventor & AutoCAD preferred), enterprise resource planning software (preferably Epicor), word processing, spreadsheets, presentation software, e-mail (preferably MS Office suite of tools), and the ability to learn new software as required.
- Strong machine design and analysis skills.
- Knowledge of basic electrical and pneumatic requirements and functions.
- Knowledge of thermal and fluids systems and HVAC familiarity preferred.
- Knowledge of industrial bakery equipment preferred.
- Strong interpersonal and customer service skills.
- Good written and verbal communication skills.
- Ability to deal effectively with stressful situations.
- Problem solving skills.
- Ability to effectively manage projects.
- Strong attention to details.
- Good organizational and documentation skills.
- Ability to work well with others; team player.
- Ability to handle multiple, concurrent projects and tasks.
- Be able to travel internationally and domestically.

Interested applicants may submit a cover letter and resume via email ([jobs@moline.com](mailto:jobs@moline.com)). [www.moline.com](http://www.moline.com)