



Manufacturing 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

Schedules, monitors, and follows jobs through to be sure that the production of parts and equipment is getting to the assembly floor in a timely manner. Works with engineering, manufacturing, and other operations personnel to optimize designs for manufacturing methods. Evaluates materials, methodologies, machinery, and manpower resources, and makes recommendations for changes in order to make full utilization of them in the production process, to improve quality and reduce costs. Executes projects with assistance and direction from management and senior co-workers.

Duties and Responsibilities:

- Schedules, monitors, and follows jobs through to be sure that the production of parts and equipment is getting to the assembly floor in a timely manner; assures the most urgent jobs are done first.
- Reviews with engineering the unique parts and specialties of upcoming jobs; passes details on to manufacturing as needed to help with the production process.
- Receives drawings, processes job paperwork and releases jobs to production in batches in order to maximize the resource capacities of machines and labor.
- Maintains the priority system on the shop floor.
- Monitors shortages on manufactured goods.
- Works with engineering and shop floor personnel to optimize designs for manufacturing.
- Manage outsourcing of production to control costs, maintain delivery date requirements, minimize internal dependency on operations, and utilize the latest technology in the market. Research and qualify outsourcing vendors and maintain these relationships.
- Evaluates materials, methodologies, machinery, and manpower resources, and makes recommendations for changes in order to make full utilization of them in the production process, to improve quality and reduce costs.
- Assists in developing and implementing manufacturing standards and procedures.
- Reviews and processes engineering change orders.
- Participates in production meetings.
- Directs shop employees, engineering and purchasing or work assignment priorities, as required.



- Assures fiscal responsibility through cost containment and optimization w.r.t. internal and external part manufacturing
- Assists the customer service department as requested with information on lead times and costs.
- Assists in developing major project schedules and capacity planning; taking both a macro and micro view of the project, labor hours required, and how that fits into the utilization of all available resources.
- Tracks routings by part for cost accounting purposes and to set a standard in the facility.
- Performs other duties or special projects as assigned.
- Executes projects with assistance and direction from management and senior co-workers.

Job Requirements:

- Bachelor's degree in engineering or equivalent experience
- 0-5 years related work experience in manufacturing engineering or similar field
- Knowledge of technical drafting and mechanical engineering
- Strong interpersonal skills
- Strong verbal and written communication skills
- Knowledge of computer aided 2D and 3D drafting software (preferably AutoCad and Autodesk Inventor), Internet, word processing software (preferably Word), spreadsheets (preferably Excel), presentation software (preferably PowerPoint) e-mail (preferably Outlook), project management software, desktop publishing software and the ability to learn new software
- Familiar with CNC software programming (preferably MasterCam)
- Familiar with various CNC controlled and manual machine tools
- Knowledge of Lean manufacturing and continuous improvement principles
- Strong organizational skills
- Ability to effectively manage projects
- Ability to handle multiple, concurrent projects and tasks
- Strong attention to detail
- Team player; self-motivated, self-directing

Interested applicants may submit a cover letter and resume via email (jobs@moline.com). www.moline.com