

RoMan Manufacturing, Inc. is seeking a talented Mechanical Design Engineer. RoMan manufactures a wide range of standard products for weld positioning and fully integrated automatic welding systems.

The candidate will report to the Engineering Manager and will assist in developing designs for new products and revise designs for existing products, meeting established quality and performance standards, by applying basic design principles under moderate supervision.

Responsibilities:

- Work with or under designers/engineers on projects from concept to production, to develop design solutions that can be manufactured.
- Coordinates and/or designs, develops, modifies and evaluates electronic and/or mechanical components assemblies, or subsystems of considerable scope and complexity.
- Prepare detailed drawings, assembly drawings, project specifications and bills of material in a timely manner.
- Break down information obtained from specifications, sketches, customer layout drawings and instructions furnished by others and convert the information into detailed drawings and section views with dimensions.
- Troubleshoot & collaboratively work with manufacturing and other departments, to resolve issues and develop design standards.

Qualifications:

The candidate must have:

- BS degree in the mechanical design engineering field, a MS in the mechanical engineering field is preferred.
- One year of mechanical or design engineering experience.
- Understanding of methods and techniques for applying dimensions and tolerances.
- Excellent analytical skills and technical abilities with attention to detail and safety.
- Demonstrate a concern for customers and their requirements.
- Effective interpersonal communication skills, including Microsoft Office products.
- Demonstrate mechanical design problem-solving skills.
- Demonstrate solid organizational and efficiency skills.

The following qualifications are a plus:

- Proficient in SolidWorks 3D modeling and Autodesk Inventor detail drawing.
- Working experience with resistance and arc welding processes.

- Knowledge of electrical sensors and controls functionality.
- Experience in Geometric Dimensioning and Tolerancing.
- Experience in designing automated electromechanical and/or mechanized equipment.
- Experience in Finite Element Analysis

Education and/or Experience Required:

Bachelor of Science degree in the mechanical design engineering field, a Master of Science in the mechanical engineering field is preferred. 3 or more years of 3D CAD design experience

Physical Demands:

Medium work required

Work Environment:

Approximately 50% office and 50% production floor. No travel required except for training

Education Required:

Bachelor's Degree/Master's Degree Preferred

Job Characteristics:

Full-time, Medical benefits provided

How to Apply:

Email Melissa Iden at hr@romanmfg.com to apply with your resume.