

Mechanical Engineer/Designer

Summary:

- Designs and details mechanical components, systems, and completes machines under the guidance of engineering management. Responsible for the integrity, quality, and proper operation of designs from concept through manufacture, assembly, test, and field installation.
- 3D CAD design, detail drawings, BOMs, assembly instructions, customer and vendor interaction, user manuals,.

Responsibilities:

- We are seeking a productive, experienced mechanical designer who is creative and has excellent, insightful problem-solving abilities for custom automated machinery/equipment.
- Responsible for the accuracy of designs and the quality of the final detailed part drawings.
- Create parts, assemblies and detail drawings under the direction of project engineers.
- Maintain accuracy of machine documentation necessary for manufacturing release. This includes but is not limited to: Bills of Material, Part Drawings, Assembly Drawings, Schematics (Air & Hydraulic) and Layout Drawings.
- Provide engineering technical support for assembly and debug of machinery.
- Work with the production department to develop and improve manufacturing processes.

Position Requirements:

- Education - Bachelors Degree desirable with automation experience.
- Three (3) or more years of demonstrated successful design of mechanisms, machines, equipment, etc.
- The successful candidate will show a track record of design-to-schedule and team-oriented design skills, as well as a basic knowledge of industry best practices, tools and technologies.
- Must have a "what ever it takes" attitude to get assigned tasks completed accurately and on time.
- Must be capable of designing mechanisms and machine components from sketches or verbal concepts.
- A working knowledge of common machine shop techniques is required.
- Must have a thorough knowledge of drafting principles per ANSI-Y14.5 Dimensioning and tolerancing.
- Must be proficient in Autodesk Inventor or Solidworks.
- Knowledge in the use of electrical devices (i.e. sensors, switches, load cells, servo motors, DC motors and drives, LVDT's, etc.).
- Skilled in the application and implementation of pneumatic actuators, solenoid valves, etc.
- Must be capable of taking direction and following through with assigned tasks.
- Knowledge of all welding processes is a plus!
- Practical skills in troubleshooting and general problem solving.
- Able to work with other engineers, designers and drafters in a project environment. May be responsible for work of designers, designer drafters, and detailers in the work group.
- Prior industry knowledge and the ability to adapt quickly to changing environments.
- Must possess good written and verbal communications skills and work well within a dynamic professional team.

Company Information:

- Description: design and manufacture of automated equipment.
- Compensation: Competitive Salary.
- Benefits: Medical, Dental, Matching 401K, Paid Vacation Time, Paid Holidays.

Requirements for Consideration:

- Submit an up-to-date resume in either Word or PDF format.
- Cover letter summarizing why you think your experience will satisfy the requirements of this position.
- Salary Requirements.

PLEASE EMAIL THE ABOVE 3 ITEMS TO:
employment@arcspecialties.com