

Dear Applicant,

At MAE-Eitel, Inc., we straighten it out! We are a committed team of people who deliver innovative solutions! We are part of the global MAE Group, headquartered in Germany. MAE-Eitel, located in Orwigsburg, PA, has a long history of service to the manufacturing industry providing high precision straightening machines, assembly machines, material handling and ancillary equipment. Our products and processing software feature many patented and innovative designs, placing the MAE Group as the leader in the global market. In the United States, we are a team of approximately 35 employees and continue to design, manufacture, and service machines for the North and South American markets. Approaching challenges with a positive mindset and can-do attitude, we thrive when working outside our comfort zone and investigating new technologies, we enjoy learning new skill sets and developing new business opportunities. We are passionate about our commitment to continue to grow manufacturing in the United States and provide people in Schuylkill County with rewarding job opportunities. We are unique, in that we place personality as our number one attribute when onboarding new team members. Our culture of customer service drives every action we take. Over the past years we have built an enthusiastic, hard-working, committed team and right now, we are looking for a new team member as a **Mechanical Designer**.

Your Job Responsibilities Will Include:

- You will design machinery and parts and derive technical documentation.
- Based on a given technical work order you will review and clarify the customers' technical requirements (specifications and applications).
- You will determine all necessary deviations from the standard modular machine components to match the customer requirements.
- You will need to perform research, reviewing and evaluating already existing designs.
- You will design all non-standard manufactured parts in AutoDesk Inventor (e.g. durable and perishable tooling).
- You will choose standard hardware components from a given library in AutoDesk Inventor and derive 2D drawings of parts and assemblies to allow manufacturing and assembly.

- You must consider aspects of economic manufacturability and easy assembly (DFMA) within your design.
- You will derive an indented BOM using the company's standard formats same as spare part lists and machine tag lists.
- You will create machine layout drawings, tooling plans and pneumatic/ hydraulic schematics.
- During the design stage you will collaborate closely with electrical engineering to ensure that all interfaces between mechanical and electrical parts are defined properly.
- While working on your job, you will support manufacturing, assembly and commissioning if any changes are necessary after the initial design review/ release.
- You will ensure that all changes made are processed in accordance to the company's change order procedure; this entails an update of 3D models, drawings and BOM prior to release.
- You may work independently on projects but will also be a part of a team.

Your Job Requirements:

- BSc. in Engineering with 2+ year(s) of experience, or Associates Degree from a Technical Institute in Engineering / Mechanical Design with 5+ years of experience highly desirable.
- Experience with Autodesk Inventor is highly desirable or at least 1+ year(s) of experience in 3D modeling with a different program.
- Microsoft Windows and Office is a must.
- High level of attention to detail is a must.
- Experience with Pneumatic systems is highly desirable.
- Experience with Hydraulic systems is highly desirable.
- Leadership experience is a plus (no direct supervisory responsibilities, however, we usually work with interns and/or students who need guidance and support.)

- Soft Skills: team player (work well as a member of a group), effective communicator, strong time management and organization skills, solution-oriented approach to problem solving (capable of carrying out a given task with all details necessary to get the task done well), expert in turning challenges into opportunities, being able to improvise in times of change.

- Physical Requirements:

- Prolonged periods sitting at a desk and working on a computer.
- Must be able to lift up to 15 pounds at a time.
- Must be able to access and inspect all areas of machinery.

Please send your application, including your cover letter, your resume, and your availability to usInfo@mae-group.com. We thank all applicants in advance for their interest; however, only those applicants who are being considered for an interview will be contacted.

We are looking forward to receiving your application and to get to meet you!

Your team of MAE-Eitel