

Mechanical Engineer Internship

Position Summary

Tough Machines. Dependable People. We #CrushEveryJob! Screen Machine builds rock crushers and screening machines from the ground up to be the most durable and productive in the industry. We take great pride in producing top-quality, American-made machines with world-class performance.

We are looking for a Mechanical Engineering student for an internship opportunity working on a variety of engineering projects. As an intern, you will gain exposure to the entire life cycle of a product, from project concept and design through production, testing and re-design. As an employee of a small business, you will also have the opportunity to learn about many areas and aspects of the company outside of engineering. This will be a paid position, with flexibility in hours between 16 and 40 per week.

Job Responsibilities

- Create new and update existing prints and/or work instructions, working with our production team to determine the most efficient methods of manufacture.
- Reorganize current CAD data to fit within the parameters of a new organizational scheme
- Update and create parts manuals that provide clear diagrams and instructions for basic maintenance and repair of machines in the field
- Create and design solutions to problems with existing products
- Assist with 5S/lean manufacturing activities

Qualifications and skills

Candidate must have:

- Proficiency with 3D CAD software (SolidWorks preferred) and a working knowledge of 2D CAD software.
- Proficiency with Windows and MS Office
- Ability to function in a production environment and communicate comfortably with associates in all levels of the organization
- Good problem-solving skills
- Ability to prioritize and complete multiple simultaneous projects and adapt to changing workloads

Preferred Candidates will have:

- Experience as a technical writer
- Experience with fabrication of steel components
- Knowledge of welding notations and terminology
- Basic knowledge of hydraulic systems