



SENIOR MECHANICAL ENGINEER

JOB PURPOSE

The Senior Mechanical Engineer will focus on product design and development while mentoring and supporting the Engineering and Design team. This role drives product innovation, improves engineering methods, and ensures the successful execution of technical projects.

ORG STRUCTURE

Reports to: Engineering and Design Manager

EXPERIENCE, KNOWLEDGE & SKILLS:

Product Design & Development

- Prepare CAD technical packages, including 3D models and detailed drafting.
- Lead and participate in design reviews and Design for X (DFX) evaluations, such as Design for Manufacture (DFM).
- Propose, implement, and document design changes and process improvements.

Technical Support & Collaboration

- Provide engineering support to the production team to resolve manufacturing challenges.
- Assist marketing, sales, and support teams with modeling, rendering, and drafting services.
- Ensure designs are optimized for manufacturability, cost efficiency, and durability.

Mentorship & Quality Assurance

- Train, support, and mentor engineering team members.
- Review and assess team members' work for accuracy and completeness.
- Help standardize and improve design procedures and best practices.

JOB QUALIFICATIONS AND EXPERIENCE:

- Bachelor's or Master's degree in Mechanical Engineering.
- P.Eng license required.
- 7+ years of product development experience.
- Proficiency in Autodesk Suite (Vault, Inventor) or similar CAD software.
- Strong organizational skills with excellent attention to detail.
- Ability to lead projects, mentor engineers, and translate concepts into reality.

Considered an Asset:

- Experience in heavy construction attachment design and metal fabrication.
- Proficiency in Finite Element Analysis (FEA).
- Experience with mobile hydraulics and welded structure design (AWS, CWB, or ISO 2553).

COMPENSATION

- Salary starting at \$100,000

SCHEDULE

- Full-time, Permanent - Day shift - In Office

Use our online application form, or email your cover letter and resume to: careers@amiattachments.com