

Mechanical Engineer

Position Summary:

Autotec Solutions is seeking a highly skilled Mechanical Engineer to join our innovative engineering team. The ideal candidate will provide mechanical solutions for Autotec machines developed to solve customer problems across packaging equipment, automated machinery, and production line systems.

This role requires an analytical, detail-oriented engineer with strong machine design experience, disciplined application of robust design methodologies, and the ability to develop, improve, and realize mechanical solutions for both new machines and existing equipment.

Primary Responsibilities

- Design and improve custom machines, automated equipment, packaging systems, and mechanical assemblies
- Create, coordinate, and monitor all aspects of production, fabrication, and product design
- Perform engineering assignments related to mechanical design, analysis, and machine development
- Develop production-ready designs, fabrication drawings, and mechanical documentation using SolidWorks
- Optimize new systems and upgrade existing processes, facilities, and production equipment
- Support equipment installations, field modifications, troubleshooting, and problem-solving activities
- Work with maintenance teams to develop and implement preventative maintenance processes
- Develop reliability protocols and reports to improve machine performance and uptime
- Coordinate with engineering, operations, fabrication, suppliers, and other departments to support machine builds and project execution

Qualifications

- Bachelor's degree in Mechanical Engineering or a related field
- Strong machine design experience, preferably with automated machinery, packaging equipment, or industrial production systems
- Knowledge of SolidWorks and mechanical design documentation
- Good mechanical aptitude and practical understanding of fabricated and assembled mechanical systems
- Ability to apply robust design methodologies and engineering principles to real-world machine design challenges
- Precise, detail-oriented work style with strong organizational skills
- Ability to prioritize and manage multiple tasks simultaneously
- Strong written, verbal, and interpersonal communication skills
- Self-motivated and able to work independently while interfacing directly with other engineers and departments
- Proficient with Microsoft Office Suite products

Preferred Skills

- Custom machine design and automated equipment development
- Packaging equipment and line system design experience
- Design for manufacturability and fabrication support
- Mechanical troubleshooting, root cause analysis, and equipment reliability improvement
- BOM creation, supplier coordination, and component integration
- Field support, installation support, and commissioning experience

Work Environment

- Full-time, in-person engineering role
- Fast-paced manufacturing, machine design, and project environment
- Cross-functional collaboration with Engineering, Operations, Maintenance, Fabrication, and Supplier teams

Benefits

- 401(k)
- Dental insurance
- Health insurance
- Paid time off
- Vision insurance