

TITLE: Mechanical Engineer

DEPARTMENT: Product Development

REPORTS TO: Supervisor, Mechanical Engineering

BENEFITS: Medical, dental, vision, life insurance, short and long term disability insurance, paid time off package, 401k with company contribution, FSA or HSA options, educational assistance, dependent scholarship program, onsite fitness center, and much more!

General Responsibilities:

Conceptualize, develop, implement and maintain new and existing product designs using sound mechanical engineering principles in support of company business development efforts, marketing plans and department plans. Analyze specifications, as well as business, technology and cost requirements, and implement appropriate, approved designs in a timely and cost effective manner. Take steps necessary to ensure product reliability, performance and customer acceptance.

Specific Duties:

- Conceptualize and develop material handling products using sound mechanical engineering principles
- Adhere to suitable design and documentation practices and methodologies
- Develop and maintain cost projections against an established target throughout the development cycle
- Provide quality assurance for output as well as serving as a cross checking resource
- Supervise functional as well as accelerated life testing to ensure product reliability and performance
- Support customers in product use and application as required
- Support vendors in product and sub-component fabrication as required
- Adhere to project timelines and budgets
- Participate in PD department projects as assigned
- Participate on, as well as lead company teams as assigned
- Assist in the development of specifications for new product requests and enhancements
- Provide support and documentation to enable company staff to quote and source materials
- Create, publish and maintain departmental procedures as assigned
- Participate in the identification and recommendation of new material handling technology solutions
- Serve as a technical resource to other departments as required
- Develop and maintain organized supporting design calculations
- Create and maintain CAD product models and layouts in Solidworks
- Create and maintain CAD product detail drawings in AutoCAD
- Perform finite element analysis on Solidworks models using Simulation
- Create and maintain product bills of material and routings in Syteline
- Execute engineering change notices as required

Job Qualifications:

- 4 year Mechanical Engineering degree
- At least two years of professional experience
- Ability to meet tight deadlines with high quality requirements
- Project and task management skills
- Strong communication skills
- Problem solving skills

- Detail oriented
- Geometric Tolerancing and Dimensioning
- Solidworks
- AutoCAD
- FEA using Simulation
- Microsoft Excel
- Microsoft Project
- Material handling product knowledge

To apply for this position, please complete an [employment application](#) and send to careers@gorbel.com.

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