

DESIGN ENGINEER

Department: Engineering
Reports To: Program Manager
FLSA Status: Exempt
Updated: 12.15.17

Working at Eckhart is an opportunity to directly impact the future of American manufacturing. We strive to improve the lives of the men and women who partner with us by developing and integrating custom engineered manufacturing solutions that enhance life and contribute to improved safety, efficiency, and product quality for our customers.

Eckhart invests in people because we believe it is our people who differentiate our solutions and our company from our competitors. For over 40 years our company has committed dedicated creative minds to conceptualize and design custom manufacturing solutions for industry. Our customers span automotive, aerospace, defense, industrial machinery, commercial construction, household appliances, medical devices, agriculture, and heavy trucks. We thrive solving our customers' most difficult problems and find satisfaction when customers receive safe and efficient turn-key solutions that transform their manufacturing landscapes.

Description

Eckhart is a premier market leading manufacturing solutions provider to Fortune 500 industrial manufacturers. We are seeking creative minds committed to innovative disruption like artificial intelligence, autonomous guided vehicles (AGVs), additive/3D printing, collaborative robotics, and microlocation spatial positioning. We believe companies that embrace Industry 4.0 will shape the future of how things are made.

From ergonomic lift-assist solutions, that help manufacturers transfer raw material and large components to points of assembly in factories, to turn key fully integrated controls that empower manufacturing companies to identify parts, confirm work sequences, and monitor product quality, our team loves creativity and ingenuity. We work closely with our customers to ensure their design to installation experience at Eckhart is exceptional.

Our design team works with the largest companies in the world to transform how things are made. Having a passion for examining "the way it's always been done" and seeking out a new and better way is a leadership trait we value. This role requires the application of engineering theories and related knowledge to design industrial ergonomic systems and automated tooling. Design Engineers must possess a working knowledge of mechanical principles and an understanding of 3D models, layout drawings, and engineering specifications. Design Engineers require the ability to work independently and at times manage small-scaled projects from start to finish. In dealing with customers, our goal is not to meet expectations. Our goal is to exceed expectations and ensure our customers receive an exceptional experience at Eckhart.

Essential Duties and Responsibilities:

- Complete 3-D designs and assemblies for a variety of moderately complex to complex ergonomic and automated tools
- Work concurrently on one or more projects of moderately complex scope
- Analyze as-built tool design information and prepare design update plans
- Create field sketches and layouts
- Collaborate as a productive member on large projects
- Schedule activities to complete assigned tasks and projects, communicate and document requisite information per established Eckhart policies and procedures
- Understand customer needs, apply technical knowledge to identify process requirements, recommend and implement custom engineered solutions
- Demonstrate Engineering professionalism in all activities and provide efficient service to customers



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Qualifications:

To perform this job successfully, an individual must be professional, proactive, and positive. Having a passion for exceptional customer service and support is a must. Being sensitive to the unpredictable demands and uncertainties associated with customer service is a requisite to delivering superior results and exceeding the expectations of very demanding customers.

Education and/or Experience:

Prefer a four year degree in design, mechanical engineering, manufacturing or a related field, AND at least three years of related experience. Requires at least two years of experience managing multiple projects. Requires at least three years of mechanical 3D solid modeling experience and proficiency in NX, Solidworks, Catia, Creo, and AutoCAD. Must have basic knowledge and experience in Microsoft Office.

Other skills and abilities:

- Strong interpersonal skills.
- Good verbal and written skills.
- Proven organizational and leadership skills.
- Ability to prioritize and work with limited supervision.
- Good presentation skills.
- Ability to explain how and why specific conclusions were reached.
- Ability to maintain confidentiality.
- Ability to work well under pressure and to remain flexible to changing schedules and demands.