



6115 Thirteen Mile Road Warren, MI 48092

eckhartusa.com Phone: 586 722 2902

SOLIDWORKS MECHANICAL DESIGNER – AGV

Department: Engineering
Reports To: Director of Engineering
FLSA Status: Non-Exempt
Updated: 04.04.18

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, steel, industrial machinery, commercial construction, household appliances, and farm machinery & heavy trucks. We thrive solving our customers' most difficult problems and find satisfaction when customers receive safe and efficient turn-key solutions.

Description

Solidworks Mechanical Designers at Eckhart apply engineering theories, real-world experience, and keen interpretation of customer needs to both configure our AGV models and design the custom load handling frames and other system components that they interact with. This role requires a working knowledge of mechanical principles and an understanding of CAD model design, manufacturing and assembly drawings, and product data management. Beyond the technical, an ability to communicate well with internal and external customers, through activities ranging from site visits to design reviews, is essential. Our goal is to exceed expectations and ensure our customers receive an exceptional experience at Eckhart.

Essential Duties and Responsibilities

- Travel to customer sites with Project Managers to understand needs; Apply technical knowledge to developing system and process concepts in sketches and SolidWorks models
- Download and translate customer product data and prepare data verification documentation for review
- Configure standard AGV models for specific customer applications utilizing database of standard parts
- Develop custom designs for load handling frames and other AGV system components
- Lead model integration, including subcontractor components, for large systems involving AGVs, tooling, conveyors, gantries, test stations, etc.
- Schedule activities to complete assigned tasks and projects, communicate and document requisite information per established Eckhart policies and procedures



6115 Thirteen Mile Road Warren, MI 48092

eckhartusa.com Phone: 586 722 2902

- Develop new AGV models and make enhancements to current product line that improve performance, reliability, and manufacturability.

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. Candidate must have previous CAD modeling experience, with SolidWorks the preferred package. The ability to remain organized, driven, flexible, and personable in a fast-paced environment with changing schedules and demands is required.