

MACHINE BUILDER

Department: Operations
Reports To: Operations Manager
FLSA Status: Non-Exempt
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Working at Eckhart is an opportunity to directly impact the future of American manufacturing. We are an Industry 4.0 leader committed to developing advanced manufacturing solutions that enhance the quality of life. Our AUTOCRAFT™ autonomous guided vehicles and FLEXCHECK™ collaborative robotic error-proofing systems lead the market in reliability and dependability. Our suite of solutions includes AGVs, collaborative & traditional robotics, 3D printing, conveyance & automation, highly engineered weld fixtures, lift-assist & ergonomic tooling, and mechanical & electrical engineering services. Our solutions improve employee safety, product quality, and productivity at the largest companies in the world.

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 medical devices, food, consumer packaged goods, aerospace, automotive, 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 that enhance their quality of life.

Description

A Machine Builder will assist in the build of customized general assembly tooling. Special machine building activities will include primarily mechanical assembly, pneumatic and basic electrical plumbing and wiring. A machine builder will support the machine building process through the de-bug and acceptance testing, up to and including potential on-site customer installations and start-up support. A Machine Builder must be professional, proactive and positive when interacting 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:

- Building and upgrading checking fixtures, jigs, gauges, and pneumatic fixtures to specifications.
- Interpretation of blueprints, sketches, specifications and general instructions from Lead Builder.
- Review engineering information, tool design drawings and other requirements to determine methods and sequence of operations to fabricate tools.
- Ability to set details.



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- Use of hand tools, power tools, machines and various shop equipment.
- Hand plumbing or pipe fitting of tools.
- Provide onsite support to our customers as needed.
- Work with mechanical design team to create new or modify existing controls systems.
- Must be able to travel within the continental US, Mexico and Canada.

Education and/or Experience:

Prefer an Associate's degree in electrical technology, manufacturing or a related field, AND at least three years of related experience. Requires at least two years of experience managing multiple projects. Pneumatic, Siemens, and Allen Bradley knowledge preferred.

Other skills and abilities:

- Ability to design and incorporate various controls components
- Ability to troubleshoot existing installations.
- Ability to read and understand mechanical and electrical drawings.
- Working knowledge of personal computer, keyboard, and software programs.
- Working knowledge of AutoCAD and RSLogix 5000 preferred.
- Working knowledge of manufacturing processes.
- Strong interpersonal and organizational skills.
- Good verbal and written skills.
- Ability to prioritize and work with limited supervision.
- 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.