



1800 Fruit Street Algonac, MI 48001

eckhartusa.com Phone: 810 794 4929

Boring Mill Operator

Department: Manufacturing
Reports To: Operations Manager
FLSA Status: Non-Exempt
Updated: 4.4.18

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

Boring Mill Operator must be able verify conformance of machined work to specifications, using measuring instruments, such as calipers, micrometers, or fixed or telescoping gauges. Study machining instructions, job orders, or blueprints to determine dimensional or finish specifications, sequences of operations, setups, or tooling requirements. May also change worn cutting tools, using wrenches. Select and set cutting speeds, feed rates, depths of cuts, and cutting tools, according to machining instructions or knowledge of metal properties, and install tools in spindles.

Essential Duties and Responsibilities:

- Following job orders, or blueprints to determine dimensional or finish specifications, sequences of operations, setups, or tooling requirements
- Must have the ability to operate and program CNC controls using G code format
- Position and secure work pieces on tables, using bolts, jigs, clamps, shims, or other holding devices
- Move machine controls to lower tools to work pieces and to engage automatic feeds
- Turn valves and direct flow of coolants or cutting oil over cutting areas
- Establish zero reference points on work pieces, such as at the intersections of two edges or over hole locations
- Observe drilling or boring machine operations to detect any problems

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- Lift work pieces onto work tables either manually or with hoists or direct crane operators to lift and position work pieces
- Perform minor assembly, such as fastening parts with nuts, bolts, or screws, using power tools or hand tools
- Verify that work piece reference lines are parallel to the axis of table rotation, using dial indicators mounted in spindles
- In an effort to meet and exceed quality standards of our customers, working weekends and overtime is required based upon business needs

Qualifications:

To perform this job successfully, an individual must be professional, proactive and positive, with internal and external customers and coworkers. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable the individuals with disabilities to perform the essential functions.

Education and/or Experience:

High School diploma or Associates degree from an accredited community college or vocational school
Job related experience and/or training will be considered in lieu of post-secondary education.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally required to perform light physical activity. Specific vision abilities required by this job include close vision and depth perception.

Other skills and abilities:

- Must be knowledgeable of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
- Monitoring gauges, dials, or other indicators to make sure a machine is working properly.
- Using mathematics to solve problems.
- The ability to quickly move your hands together, or use two hands to grasp, manipulate, or assemble objects.
- The ability to see details at close range.
- The ability to lift, push, pull, or carry objects of 10-15 pound weight capacity.
- Must pass a pre-employment physical and drug screening.
- Working knowledge of manufacturing processes.
- Strong interpersonal skills.
- Good verbal and written skills.
- Proven organizational skills.

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- 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.