9049 Tyler Blvd.
Mentor, Ohio 44060
Ph. (440) 974-8888
www.buyersproducts.com

Controls & Robotics Manufacturing Engineer

Buyers Products company, a leading manufacturer in the Work Truck Industry, is searching for a Manufacturing Engineer to complement the skills and talents of our Engineering Department. We are looking for someone who is passionate about robotics and automation, process development, experience with project level success, and thrives in a fast-paced environment. A Robotics / Manufacturing Engineer develops, maintains, and improves automated welding systems while ensuring safety and quality. The roles combine technical design, troubleshooting, compliance, documentation, and team collaboration.

Primary Job Duties:

- Design and develop robotic programs. Fanuc preferred.
- Manage capital appropriation requests and expenditures on projects as required.
- Recommend capital equipment or process modifications, their physical installation, debugging, and associated training of production personnel
- Test and debug robotic systems. Touch sense / Seam tracking / Servo robot
- Integrate controls. Sensors and actuators into robotic systems.
- Collaborate with cross-functional teams to define system requirements.
- Maintain and upgrade existing robotic systems.
- Conduct research to improve robotic technology.
- Ensure compliance with safety and regulatory standards.
- Create technical documentation for robotic systems.
- Train end-users and support staff on robotic systems.
- Troubleshoot and resolve issues with robotic hardware and software.

Skills/ Experience:

- Familiarity with ROS (Robot Operating System).
- Knowledge of electrical circuits.
- Must have a minimum of 5 years of work experience in a manufacturing environment and 5 years' mechanical engineering experience.
- Experience with CAD software.
- Strong analytical and problem-solving skills.
- Proven experience in robotics development.
- Understanding of mechanical design and manufacturing processes.
- Experience with robotic hardware and software tools.
- Knowledge of control systems.
- Strong analytical thinking and problem-solving abilities.
- Familiarity with manufacturing equipment and quality assurance techniques.
- Welding experience with Fronius / Lincoln / Miller.
- Wiring 24vdc circuits into Fanuc systems.
- Fabrication skills and machining skills preferred.
- Experience in Fanuc Weldpro preferred.

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Education Background:

- Bachelor's degree in Mechanical Engineering, Industrial Engineering, technology degree or equivalent experience
- Six Sigma green belt is preferred

Physical Requirements and Work Environment:

- Mobility and dexterity to move around office settings including accessing file cabinets or storage and navigating to different workstations.
- Must be able to remain stationary for extended periods of time and engage in some repetitive motion.
- Standing, walking and sitting for extended periods of time.
- Mobility and dexterity to move around operating machinery and powered industrial equipment

About Buyers Products Company
Established in 1946, Buyers Products Company has grown to become a leading manufacturer in the work truck industry. Buyers Products specializes in durable truck boxes, heavy duty towing equipment, hydraulics, controls, and all-season trailer accessories. The Buyers line of snow and ice equipment includes SnowDogg® snowplows, SaltDogg® spreaders, and ScoopDogg snow pushers. For more information, visit www.buyersproducts.com.