

Manufacturing Automation Program Manager

In 1985, Mike and Kim Crabb founded Diamond C with a small team and a big dream. Over the years, the company has grown significantly, now employing over 900 team members. Diamond C remains a family-owned and operated business, with a strong emphasis on our foundational “Do Work, Love Strong” culture, which is based in Mt. Pleasant, TX.

We are unwavering in our commitment to more – more process improvements, more sustainable manufacturing, and more opportunities for our team. Our purpose is to fuel the growth and success of our team members, customers, and community. We're dedicated to being a positive force for change and using our expertise to make a meaningful impact on our community abroad. This role is located in Mount Pleasant, TX 75455

Purpose:

We are seeking a highly skilled and experienced Manufacturing Automation Program Manager to lead and oversee the implementation of advanced automation technologies across our manufacturing operations. This role requires a strategic thinker who can drive the adoption of cutting-edge robotic and automation systems, develop and enforce programming standards, and deliver measurable improvements in efficiency, safety, and product quality. The successful candidate will be responsible for managing multiple projects from conception through execution, ensuring alignment with business goals and delivering high ROI.

Responsibilities:

- Collaborate with senior leadership to develop and execute a strategic plan for automation initiatives, aligning with company goals and long-term vision.
- Analyze production workflows, identify inefficiencies, and develop practical solutions to enhance manufacturing processes, improve efficiency, and reduce operational costs.
- Hands-on involvement in optimizing and maintaining existing robotic and cobot systems to maximize utilization.
- Identify opportunities for process automation and develop proposals supported by ROI analysis to drive decision making and improve operational efficiency.
- Work closely with Production, Quality, Engineering, and R&D teams to ensure seamless integration of new processes and technologies.
- Lead root cause analysis and resolve complex manufacturing issues to minimize downtime and optimize performance.
- Drive daily process improvement initiatives on the shop floor, supporting the team in achieving operational excellence.
- Stay current with industry trends, emerging technologies, and best practices in manufacturing automation.
- Develop, implement, and maintain standardized robotic programming protocols, ensuring consistent and optimized operation of all automated systems.
- Ensure all manufacturing processes comply with safety regulations and industry standards, maintaining a safe and compliant work environment.

Qualifications:

- Bachelor's degree in Mechanical Engineering, Manufacturing Engineering, or a related field.
- 7+ years of experience in manufacturing automation, with a focus on program management and robotic systems.
- Proven experience in process optimization, workflow analysis, and root cause analysis.
- Proficiency in PLC programming, FANUC programming, CAD software, and other relevant engineering tools.
- Excellent problem-solving skills with a focus on data-driven decision-making.
- 5+ years of experience in sheet metal fabrication and assembly.
- Six Sigma and Lean Manufacturing experience

Benefits:

- Medical
- Dental
- Vision
- Long and Short Term Disability
- Employer Paid 25K Life Insurance
- Other Supplemental Policies
- Physical Wellness Program
- Paid Maternal/Paternal Leave
- Tuition Reimbursement Program
- 401(k) & Company Match
- Scholarships