

Job Title: Engineering Manager

Company: Ligchine International

Location: Darien, WI

About Us:

We are a dynamic middle-market equipment manufacturing company experiencing rapid growth through both organic initiatives and strategic acquisitions. Specializing in the construction equipment industry, we pride ourselves on delivering innovative solutions to our customers. With an asset-light manufacturing model, we are committed to operational excellence and building a culture of collaboration and servant leadership.

Position Summary:

Our company, a leader in the construction equipment manufacturing industry, is seeking a driven and experienced Engineering Manager to lead our engineering team. This position will oversee the design, development, and continuous improvement of our industry-leading equipment, ensuring that our products maintain the highest standards of quality, performance, and innovation.

The ideal candidate will bring deep technical expertise in CAN-based electrical systems, strong knowledge of hydraulic components and controls, and proficiency with 3D CAD design tools such as AutoCAD, Inventor, or SolidWorks. Experience with Parker IQAN hydraulic controls is highly preferred.

Key Responsibilities:

- Lead and manage the engineering department, including mechanical, electrical, and hydraulic design teams.
- Oversee the design and development of new products, from concept through production launch, ensuring projects are delivered on time, within budget, and to specifications.
- Develop, review, and approve engineering drawings, BOMs, schematics, and system designs.
- Provide technical leadership and mentorship to the engineering team, promoting a culture of innovation, collaboration, and continuous improvement.
- Ensure compliance with industry standards, safety regulations, and internal quality requirements.

- Collaborate cross-functionally with production, procurement, sales, and service teams to resolve technical challenges and support product lifecycle management.
- Drive standardization and documentation of engineering processes, specifications, and work instructions.
- Evaluate and implement new technologies and design practices to maintain product competitiveness and efficiency.
- Troubleshoot complex technical issues related to electrical, hydraulic, or mechanical systems.
- Engage directly with key suppliers and customers to ensure technical requirements are met.

Qualifications:

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, or related field required. Master's degree is a plus.
- 7+ years of experience in an engineering role within a manufacturing environment, preferably in the construction equipment or heavy machinery industry.
- 3+ years in a leadership or management capacity preferred.
- Proven experience with J1939/CAN-open electrical systems design and troubleshooting.
- Hands-on experience with Parker IQAN hydraulic control systems strongly preferred.
- Strong working knowledge of hydraulic systems, components, and system integration.
- Proficiency in 2D/3D CAD software: AutoCAD, Inventor, or SolidWorks required.
- Excellent communication and interpersonal skills with the ability to lead cross-functional teams.
- Strong project management skills with the ability to balance multiple priorities and deadlines.
- Commitment to fostering a culture of safety, quality, and continuous improvement.

**What We Offer:**

- Competitive salary and performance-based bonuses.
- Comprehensive benefits package.
- Opportunity to make a significant impact in a rapidly growing company.
- Collaborative and supportive work environment.

We are an equal opportunity employer and welcome applications from all qualified individuals.