



Job Description – Design/Project Engineer

JOB SUMMARY

The Design/Project Engineer is a key member of the manufacturing team, responsible for overseeing the design, development, and implementation of projects to improve manufacturing processes, products, or systems. Working closely with cross-functional teams, this role involves identifying project requirements, creating design specifications, and managing project timelines and budgets to ensure successful outcomes. The Design/Project Engineer will also collaborate with suppliers, vendors, and internal stakeholders to drive innovation and continuous improvement in manufacturing operations.

KEY RESPONSIBILITIES

- **Project Planning:** Developing project plans, including scheduling, resource allocation, and budgeting, to ensure projects are completed on time and within budget.
- **Design Development:** Creating detailed designs, drawings, and specifications for new products or improvements to existing products, using CAD software and considering factors such as manufacturability, cost, and customer requirements.
- **Technical Support:** Providing technical expertise and support to manufacturing teams, helping to troubleshoot issues and improve production processes.
- **Collaboration:** Working closely with cross-functional teams, including production, quality assurance, and sales, to ensure project goals are met and products meet customer expectations.
- **Regulatory Compliance:** Ensuring designs and projects comply with relevant industry standards and regulations.
- **Risk Management:** Identifying and mitigating risks associated with design and project implementation.
- **Documentation:** Maintaining accurate project documentation, including design files, project plans, and reports.
- **Continuous Improvement:** Identifying opportunities for process improvements and cost reductions in design and manufacturing processes.
- **Customer Interaction:** Communicating with customers to understand their requirements and feedback and incorporating these into the design and project plans.
- **Supplier Management:** Coordinating with suppliers to ensure timely delivery of materials and components needed for projects.

WORK ENVIRONMENT

- Manufacturing plant conditions (indoors, no air conditioning, variable temperature and humidity, noise, and dirt).
- Relatively high temperatures,
- Physical hazards such as powered vehicle, and pedestrian traffic, sharp objects, moving machinery, compressed air power supplies, and materials handling.

1714 Fifield Road
Pella, IA 50219
800.544.2518

RING-O-MATIC.COM



- Working with hazardous materials, including solvents, oils, grease, paint, and fuels.
- Workdays of up to 10 hours. A typical week is 45 hours.

EDUCATION AND/OR EXPERIENCE:

Four-year college degree in Mechanical, Industrial, Agriculture or Electrical Engineering with a minimum of five years' related experience. Other college degree (2-year or 4-year) with a minimum of 8 years' related experience.

COMPUTER SKILLS:

Proficient with multiple software packages including, but not limited to, SolidWorks, PDM, Microsoft Office products including, but not limited to, Excel, Access and Word, product design software, PowerPoint, Outlook, e-mail. Experience with EPICOR (ERP) software preferred, but not required.

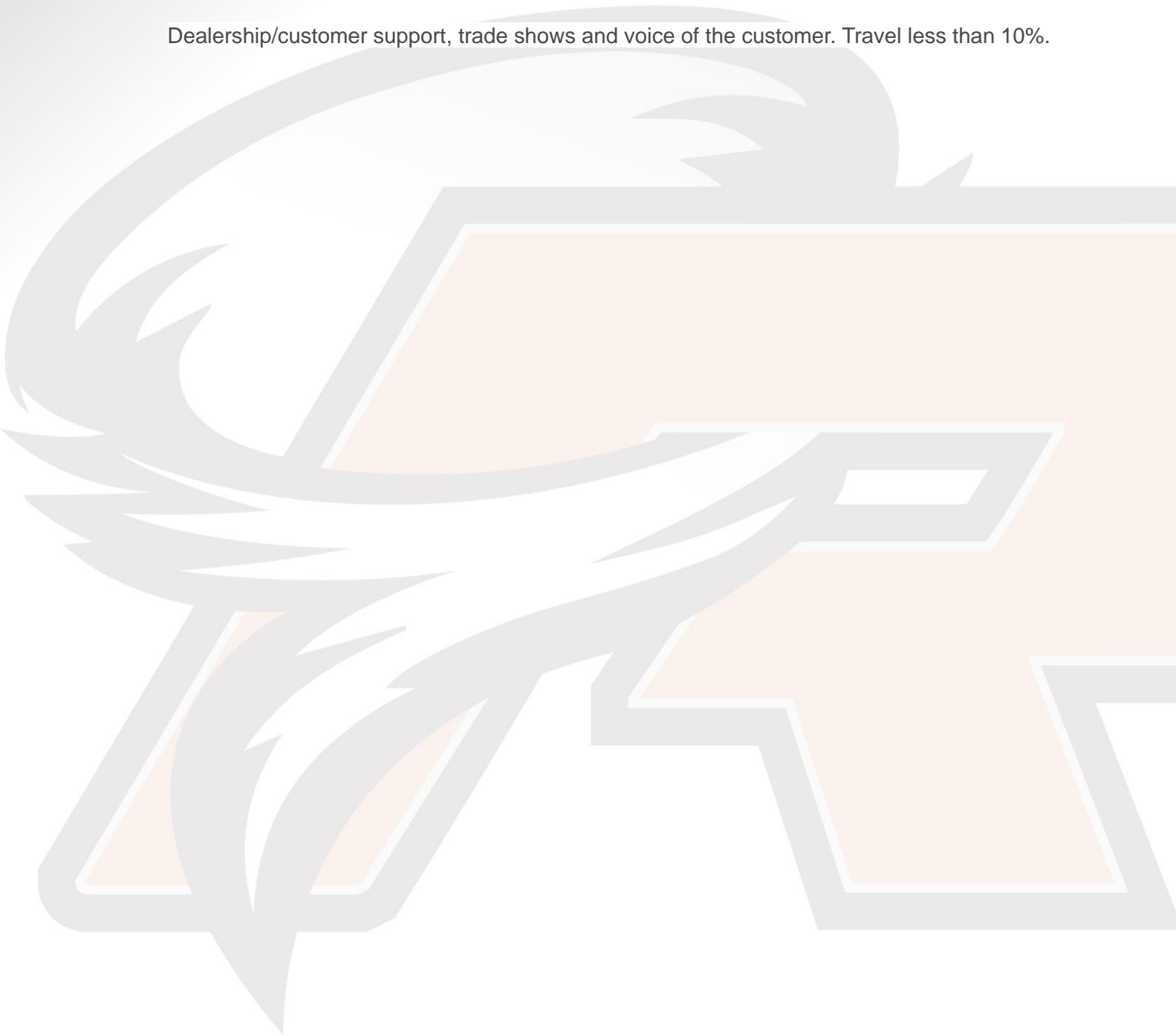
JOB QUALIFICATIONS

- Actively embody the core values of reliability, being passionately driven to work, approaching others with a servant's heart, embracing change, and acting with high integrity.
- Ability to identify the root cause of manufactured or purchased component failures.
- Ability to function productively with all internal and external personnel to manage, design, build, sell, service and operate machines.
- Ability to create robust design, identify changes early in the design process and to recognize design commonality.
- Ability to provide informative and professional assistance when working with the public/customers and co-workers and maintain positive interpersonal relationships which encourage openness with customers and peers.
- Demonstration of good oral and written communication skills.
- Ability to effectively manage time and resources to meet the needs and schedules of internal customers and respond immediately to production questions and crisis with solutions.
- Ability to maintain a high level of attention to detail.
- Ability to understand manufacturability to ensure that the right configuration and materials are developed while integrating machine performance, costs, and reliability which is a direct link to the Company profitability.
- Ability to develop/execute a test plan, and review/process test data, providing meaningful results.
- Have a high understanding of hydraulics and hydrostatic systems.
- Have a high understanding of mechanical and PTO driven transmissions.



Travel

Dealership/customer support, trade shows and voice of the customer. Travel less than 10%.



1714 Fifield Road
Pella, IA 50219
800.544.2518

RING-O-MATIC.COM