



TITLE: Director of Engineering

DEPARTMENT: Engineering

LOCATION: Kansas City, KS or Parsons, KS

REPORTS TO: President/CEO

POSITION DESCRIPTION

Ensures Magnum Systems' everyday engineering activities run smoothly through the planning and direction of project management, drafting, design, controls, test lab, and service. This position requires a high demonstration of expertise in clear communication, engineering competence, 3D (preferably Inventor) experience, manufacturing background and time management. This position will work closely with Director of Sales, Director of Operations, the CFO, and CEO. Relies on extensive experience and judgment to plan and accomplish goals, implement strategic projects, and promote open communication in line with Magnum Systems' strategic initiatives. Leads and directs work of others. A wide degree of creativity and latitude is expected and should be encouraged within and between departments. Must be willing to travel between plant locations on a regular basis, or as needed. Reports to the President/CEO.

DUTIES & RESPONSIBILITIES

- Identify, research, present, and implement procedures for operational efficiency within department. Work with adjoining Directors to identify, present, and implement procedures for companywide efficiency and profitability.
- Strategically drive, coordinate and report on integration of Inventor Modeling and BOM development throughout organization.
- Provide researched and rationalized input as to the routing, tracking, BOM, and drawing package distribution guidelines.
- Provide guidance and insight on vendor integration (conveyors, automation, interfaces, etc.) based on research, layout, and design proficiency.
- Promotes continuity between Sales, Engineering, Production, and Finance.
- Implement training programs for employees to achieve continuous improvement, cross-functional training, and best practices mentorship.
- Establish guidelines, protocols, and procedures for project management communication and job tracking.
- Initiate system to assign projects for both management and drafting to allow for the highest degree of success and profitability.
- Coordinate timelines, pro-active identification of deadline issues, and deliverables to production based on established delivery and start-up.
- Maintains quality control and consistency of drawings, layouts, vendor choices, and customer expectations.
- Implement and coordinate paperless production initiative.
- Oversight of test lab and service areas.
- Responsible for ROCKS and departmental scorecard to be reported during Director calls each week.
- Establish job descriptions with Human Resources, maintain employee count, identify/report needs, encourage self-improvement, and identify advancement potential.

IMPORTANT QUALITIES

- Critical thinking skills. Able to proactively identify needs, predict obstacles, assess solutions and communicate importance of accountability.
- Interpersonal skills. Must work closely with other departments, employees, customers, executive team, and vendors. *Listening and providing an environment for open communication from all levels is critical.*
- Detail Oriented. Understands that everything that leaves our facility is a representation of the employees, company, and reputation. Drawings, written, verbal, etc. Must have concept of "the big picture" when it comes to internal changes of policy or procedure.
- Experience with implementing successful departmental programs such as 3D.

THE PEOPLE, PARTS AND SYSTEMS THAT KEEP THE LINE MOVING.

- Strong background in manufacturing.
- Experience with distance management.
- Continuous education driven. Looking to improve every day and leading by example.

EXPERIENCE/KNOWLEDGE

Minimum of Bachelor's Degree in Engineering. Minimum of 10 years progressive experience in drafting, design, and project management (preferably in packaging and/or processing manufacturing environment). 5 years of experience with 3D (preferably Inventor). 7 years of experience with project management. 10 years experience in manufacturing.



THE PEOPLE, PARTS AND SYSTEMS THAT KEEP THE LINE MOVING.