



TITLE: Mechanical Designer

JOB CLASSIFICATION: Exempt

DEPARTMENT: Draft/Design

REPORTS TO: Engineering Manager

LOCATION: Lenexa, KS

SUMMARY/OBJECTIVE

The CAD Designer collaborates with Project Managers, Application Engineers, and Production Team to create detailed manufacturing, approval and equipment stack up drawings. Drawings must be prepared in a manner that will ensure adherence to established specifications, standards, and scope of works.

ESSENTIAL FUNCTIONS

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Detail complete production line layouts with Magnum and buyout equipment.
- Create installation details for a 3rd party installation contractor to be able to set, make electrical and pneumatic connections.
- Create assembly drawings with bills of materials and related part drawings for fabrication.
- Prepare approval drawings for internal reviews and reviews by customers.
- Become a resource for new product development and existing equipment improvements.
- Assist with manufacturing instructions and O&M documentation.
- Continuously collaborate with production team during design and equipment assembling phases.
- Resolve design inquiries from manufacturing or project managers in timely and resourceful manner.
- Other duties and responsibilities as assigned, including special projects.
- Follow company standards and regulations related to Health and Safety.

COMPETENCIES

- Critical-thinking skills. Closely work with engineers and other professionals to spot and effectively resolve technical problems with plans and designs.
- General knowledge in engineering terminology, materials, and drafting standards.
- Proficient with Autodesk Inventor 3D CAD program and Vault.
- Good understanding of parts fabrication, equipment assembling, and familiarity with manufacturing processes.
- Detail oriented. Must pay close attention to details so that the plans they are helping to build are technically accurate to the outlined specifications.
- Interpersonal skills. Work closely with engineers and other designers to ensure final plans are accurate. Requires the ability to take advice and constructive criticism, as well as offer to others.

Your integrated source for bulk material automation.

- Time-management skills. Must work efficiently while under strict deadlines to produce the required output according to set schedules.

EDUCATION AND EXPERIENCE

Minimum Requirements:

- Associate Degree in Engineering or related field of study OR 4-years related experience in lieu of education.

Preferred:

- Bachelor's Degree in Engineering or related field of study.

SUPERVISORY RESPONSIBILITY

This position has no supervisory responsibilities.

POSITION TYPE/EXPECTED WORK HOURS

This is a full-time position. Typical days and hours of work are Monday through Friday, 8:00 a.m. to 5:00 p.m. Occasional evening and weekend work may be required as job duties demand.

TRAVEL

Travel is primarily local, although approximately 10% out-of-area (between plant locations) and overnight travel will be expected.

WORK ENVIRONMENT

This position operates in a professional office environment. This role routinely uses standard office equipment such as computers, phones, photocopiers, filing cabinets, and fax machines.

The performance of this position may occasionally require exposure to the manufacturing areas, which may require the use of personal protective equipment such as safety glasses with side shields, mandatory hearing protection, and safety footwear.

PHYSICAL ACTIVITIES AND REQUIREMENTS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee is frequently required to stand; walk; use hands to finger, handle or feel; and reach with hands and arms.

OTHER DUTIES

This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this position. Duties, responsibilities, and activities may change at any time with or without notice.

WORK AUTHORIZATION

Applicants must be legally authorized to work in the United States. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available for this position.

Magnum Systems' policy is to provide equal opportunity to all people without regard to race, color, religion, national origin, ancestry, marital status, veteran status, age, disability, pregnancy, genetic information, citizenship status, sex, sexual orientation, gender identity or any other legally protected category.

Magnum Systems is proud to be a drug-free workplace.