



SencorpWhite

OPEN POSITION

Mechanical Design Engineer III

Exempt Position

BASIC FUNCTION

Design mechanical assemblies and parts to support ongoing machine development and enhancements.

PRIMARY DUTIES AND RESPONSIBILITIES:

- Work directly with the Director of Engineering setting department policies and SOPs.
- Work to customer specifications, designing machine equipment or identifying changes to standard machinery to meet these specifications.
- Produce cost effective designs to meet project budget and schedule.
- Apply mechanical engineering knowledge of machinery principles and materials, manufacturing methods and processes to insure designs are functional, practical, economical, and satisfy customer requirements.
- Mentor other engineers in proper machine design practices and proper use of GD&T.
- Design pneumatic and hydraulic systems and create associated schematics, bills of materials, and assembly instructions.
- Produce SolidWorks® models, detail drawings using GD&T, assemblies, and parts; and prepare proper bills of material based on design.
- Obtain quotations for commercial components and identify alternate sources when possible for cost effective designs.
- Develop specifications, test plans and manuals for equipment designs.
- Work with Director of Engineering and other senior engineers streamlining and documenting standard engineering work practices.
- Assist Production and Purchasing in manufacturing and assembly methods.
- Work with sales department on definition of special machine feature.

ADDITIONAL DUTIES AND RESPONSIBILITIES:

- Performs other duties as assigned by Supervisor in the event of special projects or unplanned tasks in a timely and efficient manner.
- Work in a team environment, work across business unit boundaries, and support other team members as required by schedule.

SPECIFIC CHARACTERISTICS, SKILLS AND ABILITIES REQUIRED:

Demonstrates a positive team spirit in daily activities. Exhibits zero tolerance for repeated errors and quality of work. Ability to exercise good communication, organization and time management skills in a changing work environment. A customer-focused, "how may I serve you" attitude, with timely follow-up is required. Ability to present technical information in a positive and understandable manner. Demonstrates a professional demeanor, especially when on-site with customers. Must strive for continuous improvement and excellence, both technically and interpersonally. As a self-starter, must possess the ability to be resourceful, work independently, where appropriate, and recognize when higher intervention may be necessary. Must be proficient in current control system architecture, features, and expectations. Must be able to read, comprehend, and articulate, electrical schematics. Must be proficient in MS office software, Word, Excel, and PowerPoint, and Project. Must be able to fully adhere to the law, and respect the privacy of all employees. Must have command of current equipment safety standards and assist the organization in adhering to them. Demonstrated ability to write clear and concise communications and proposals. Ability to travel up to 25% of the time.

EDUCATION, EXPERIENCE AND/OR CERTIFICATION REQUIRED AND PREFERRED:

BS in Mechanical Engineering, major in Machine Design is desirable. 10-15 years equipment engineering experience to include design, part detail, documentation, costing, commercial component specification, and leading design teams. Customer interface skills including preparing and presenting proposals, quotations and defining statements of work. Budget and costing experience. Third party equipment specification, acceptance, and integration coordination. 3D solid modeling expertise. Experience designing standard and custom machinery. Fluent with power and controls systems. Manufacturing or design experience with automated thermoforming, sealing and automated inventory system is highly desirable.

HOW TO APPLY:

To apply please send resume to jobs@sencorpwhite.com