**Job description**

Job Description: **Design Engineer**

**Job Summary:** Responsible for meeting our customer’s needs by designing new products and making improvements to existing products:

* Producing accurate and clear engineering drawings and accurate bills of material for new and existing products
* Creating custom designs and layout drawings on CAD system as required to customer order or specifications
* Maintain product BOM’s and Items in Infor Syteline ERP system.
* Directly communicate with marketing and customers in the form of meetings and presentations to understand and define their needs
* Be able to assist Sales with pricing projects
* Produce technical illustrations for owner’s manuals, bulletins, and sales literature
* Manage several projects at one time in a fast moving environment
* Handle all changes and problems related to product design
* Act as a technical expert for the company for both internal and external customers
* Responsible for an entire product’s life cycle
* Assist manufacturing, quality, and planning as required
* Other duties as assigned
* Ability to eventually lead a small Engineering department to succeed the current Engineering Manager

**Tools Used**: SolidWorks CAD, Business Software (Syteline ERP), MS Office Suite of Apps

**Environment:** Office area, production floor, and customer locations

**Job Requirements**:

* BS in Mechanical Engineering or equivalent (Engineering degree is required).
* 2-4 years’ experience in a design and manufacturing environment required
* Ability to work independently.
* Background and previous experience with Solid Works. Must be able to maintain, be responsible for, and keep current on scheduled workload
* Strong technical reasoning abilities.
* Good oral and written communication skills.
* Basic Solid Modeling proficiency - finite element analysis a plus
* Basic understanding of truck chassis and related equipment.
* Ability to attend and participate in required company meetings.
* Technical expertise in steel and hydraulics is preferred.
* Must be a team player with high integrity and strong work ethics to meet company goals.
* A certain degree of creativity and latitude is required.

**Physical Demands:**

* Some light physical effort required
* Regularly required to sit or stand, reach, bend and move about the facility

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**Supplemental Pay**

* Bonus pay

**Work location**

* One location