

TBEIJob 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
- 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
- Producing technical illustrations for owner's manuals, bulletins, and sales literature
- Manage several projects at one time
- 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

Tools Used: SolidWorks, ProNest (Dynamic Nesting Program), Business Software, MS Office, computer, calculator, telephone/fax**Environment:** Office area, production floor, and customer locations**Job Requirements:**

1. BS in Mechanical Engineering or equivalent (Engineering degree is required).
2. 2-4 years experience in a design and manufacturing environment required
3. Ability to work independently.
4. Background and previous experience with Solid Works. Experience with ProNest is a plus but not required.
5. Must be able to maintain, be responsible for, and keep current on scheduled workload
6. Strong technical reasoning abilities.
7. Good oral and written communication skills.
8. Basic Solid Modeling proficiency- finite element analysis a plus
9. Basic understanding of truck chassis and related equipment.
10. Ability to attend and participate in required company meetings.
11. Technical expertise in steel and hydraulics is preferred.
12. Must be a team player with high integrity and strong work ethics to meet company goals.
13. A certain degree of creativity and latitude is required.

Physical Demands:

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

Steve Lee, Engineering Manager

Date

Tina Albright, Director of Human Resources

Date

FLSA Classification: Office Non Exempt