



Job Description

Equipment Designer/Modeler – Trailer Division

POSITION OVERVIEW:

Reporting to the Engineering Manager, the Designer/Modeler is responsible for assisting and coordinating various new design initiatives and design for manufacturing projects within the Trailer Division at Magnum Trailer and Equipment.

CORE DUTIES & RESPONSIBILITIES

- Participates in team design and brainstorming sessions
- Develops novel design concepts for custom trailers and related equipment
- Designs/Models detail parts and assemblies using SolidWorks software
- Prepares and reviews engineering drawings
- Prepare and review complete purchasing and shop packages
- Researches materials and manufacturing methods
- Documentation of engineering, testing procedures, results, and analyses

OTHER DUTIES & RESPONSIBILITIES

- Analyze and document current processes
- Identify manufacturing process improvements, including cost benefit analysis to justify expenses
- Manage changes to the various manufacturing designs related to planned improvements
- Work with shop floor personnel to determine best practices and procedures
- Maintain professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies
- Establish standardization practices within operations
- Perform work in accordance with Magnums' documented policies and procedures
- Complete all applicable quality records
- Support BOM creation and maintenance in the ERP system
- Perform other duties and tasks as assigned

QUALIFICATIONS

- 2-3 years' experience
- Familiarity with manufacturing/trucking industry an asset
- Ability to communicate both verbal & written in the English language
- A proven track record designing in Solid Works
- Working knowledge of ERP software packages an asset
- Proficiency in MS Office Suite
- Able to work under pressure and tight deadlines



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- Exceptional organizational abilities
- Able to contribute openly and effectively during team meetings

OTHER SKILLS

- Strong work ethic and customer caring attitude
- Strong attention to detail and excellent organizational skills
- Dedicated to continuous improvement
- Strong analytical and problem solving skills
- Ability to work efficiently and effectively under pressure and as part of a team
- Outgoing personality and positive attitude
- Someone who is driven and enjoys autonomy in a position