**Mechanical Designer 2**

**SUMMARY:**

Calling all model builders! Do you like building things from scratch? Do you have experience modeling with Solidworks? If you answered yes, FNA Group may have the perfect job for you! We are looking for a Mechanical Designer 2 with strong 3D modeling experience and has a strong attention to detail.

**Primary Purpose:**

The Mechanical Designer 2 is an expert in SolidWorks modeling (including sheet metal) and the detailing of individual components and mechanical assemblies. Work under the direction set forth by Engineering and Product Management to create new designs and update existing products. The Mechanical Designer 2 also works hands-on to assemble prototypes and marketing samples.

**Job Description:**

* Create 3D models and assemblies using SolidWorks.
* Detail drawings for manufacturing and assembly of products.
* Ensures engineering data is leveraged to its fullest extent within PDM.
* Checks drawings and models to ensure they are correct and complete.
* Maintain, update and correct existing engineering data and drawings.
* Perform analysis on interaction between machine components and related fits and tolerances.
* Produce and/or assemble prototypes and samples.
* Other tasks assigned by management.

**Qualifications:**

Required

* Expert with SolidWorks 3D modeling and detailing.
* Ability to work in a fast-paced environment with constant change.
* Self-directed individual who works well within a team environment.

Preferred

* Strong mechanical intuition.
* Expert with SolidWorks PDM.
* Expert with SolidWorks Sheet Metal.
* Hands on experience with machining, metal fabrication, and plastics.
* Proficient with tolerance analysis and selecting proper fits based on application.
* Proficient with GD&T.

**Education/Certification:**

Required

* High School Diploma.
* 3+ years of direct experience using SolidWorks.

Preferred

* Technical degree in mechanical design or in a similar discipline, or equivalent experience.
* 5+ years of direct experience using SolidWorks.
* SolidWorks certification.
* Previous experience in the Outdoor Power Equipment or Power Tools industry is a plus.
* Experience working in a multi-channel retail business/industry is a plus.

**Other Duties as Assigned:**

Other duties could include working in other areas to provide support during absences or shortage of staff.

**Equipment Used:**

Usage of computer, phone, filing cabinet and other necessary office equipment required, hand tools and measuring equipment.

**Working Conditions:**

More than moderate amounts of sitting, walking and standing. Extended periods of time spent sitting at a desk and using a computer and phone. Extended periods of time spent in a shop environment, using hand tools and power tools.

**Safety:**

Follow and adhere to all company safety policies and safety regulations. Correct unsafe conditions in work area and report any conditions that are not correctable to supervisor immediately.