

## **Design Engineer—Sawmill Machinery**

SALEM EQUIPMENT, INC. located in Sherwood, OR is a wholly owned subsidiary of Wellons Inc. and a leading manufacturer of a wide range of premium sawmill machinery since 1946.

As a result in our need to innovate and an upsurge in customer project activity, we are experiencing an increasing work load in our Engineering Department. We are seeking an exceptional Design Engineer with strong machine design capabilities and a fluent customer service aptitude. We are looking for the Design Engineer who possesses a strong intellectual curiosity to innovate and the desire to create new and revise existing products. The Design Engineer's creativity and drive will help us maintain and strengthen our brand in the marketplace.

Salem continues to look for new and better ways to serve our lumber producing customers with solutions that help them reach and exceed their operating goals. Salem Equipment is a global supplier to the wood processing industry, with a primary customer base in the US & Canada, as well as some in Europe and South America. We strive to provide value added solutions for our customers and assist them in producing quality wood products for the end user.

### **Essential Job Functions and Qualifications:**

- 3 + years experience with capital equipment machine design, preferably in the wood products industry.
- Studying design inputs from Sales Organization and Application Engineering
- Conception of and executing possible design solutions.
- Researching design feasibility and cost-effectiveness.
- Assessing the usability, environmental impact and safety of a design.
- Using computer-aided design (CAD) and computer-assisted engineering (CAE) software to create detailed assemblies, general arrangement and fabrication drawings. Preferably Solid Works or Autodesk Inventor.
- Collecting and analyzing data from tests on prototypes, current customer production data or proposed production rates.
- Modifying existing designs ie. next generation of existing product lines
- Writing regular progress reports and presenting them to project managers and clients

## **Education, Experience & Certification:**

- Associates degree in mechanical design or demonstrated equivalent work experience.
- BS in Mechanical or Industrial Engineering discipline is preferred.
- Demonstrated ability to solid model and create detail drawings.
- Demonstrated depth of knowledge in a variety of fabrication and machining process's.
- Previous experience in a capital equipment design/development and manufacturing environment.

## **Desired Key skills:**

- Strong math and IT skills
- A creative flair and design ability
- Good visual and spatial awareness
- Attention to detail
- Problem solving
- Written and oral communication
- Versed in and a desire to learn new technologies
- Excellent project management skills
- Time management and organizational skills

## **Salary & Benefits:**

- Salary is DOE.
- Medical, vision, dental insurance
- 8 paid holidays
- Discretionary profit share retirement plan contribution up to 25% of earnings.
- Discretionary bonus based on profitability.

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