

## **New Product Design and Development Engineer**

Forkardt Inc. and parent company HARDINGE INC., have a current opening for a Design Engineer. The combined company is an international leader in the Workholding Industry. The Company, headquartered in Elmira, NY, designs and manufactures a wide range of machine tool products and accessory items and is extremely active in the international marketplace. Revenue was \$315 million in 2015. The Company's common stock trades on NASDAQ under the symbol of "HDNG." (The company Web site can be reviewed at [www.hardingeus.com](http://www.hardingeus.com).)

The New Product Design and Development Engineer will focus on working with customers to create new and innovative Workholding designs for both the Hardinge and Forkardt product families. The requirements for this position that is located in our Engineering Department are as follows:

### **EDUCATION:**

Bachelor's Degree in Mechanical Engineering required.

### **EXPERIENCE:**

A minimum of 5 years of design experience in 3D CAD modeling (Solidworks preferred) along with experience with FEA and design analysis.

### **SPECIFIC TECHNICAL KNOWLEDGE:**

- Knowledge of manufacturing processes including turning, milling, grinding and heat treatment to ensure designs are efficient to manufacture.
- Knowledge of various metal materials for proper selection.

**REPORTS TO:** Product Development Manager

**LOCATION:** The selected candidate's work location will be in either Elmira, NY or Traverse City MI. Some travel will be required.

### **RESPONSIBILITIES:**

- Create design of components and assemblies in SolidWorks 3D software utilizing the full suite of tools within such as Finite Element Analysis and animation to evaluate designs for proper function, strength, repeatability and Factor of Safety.
- Determine proper material sizing and specifications for manufacturing process.
- Test and evaluate design once product is manufactured, to include creation of fixtures or equipment to perform validation testing.

We offer a competitive salary and benefit package including health insurance, life insurance, 401(k), paid vacation, paid holidays and long-term disability.

Hardinge Inc. is an Equal Opportunity Employer, Veteran/Disability