



## **Mechanical Engineer/Designer**

**Isthmus Engineering and Manufacturing Cooperative** is looking for an experienced Mechanical Engineer/Machine Designer to join our team. IEM builds “state of the art” custom automated machinery for a variety of industries, including but not limited to Consumer Products, Medical/Life Sciences, Automotive and Light Industrial.

IEM’s employee-owned, worker cooperative structure provides a unique opportunity to not only work with a highly skilled and dedicated group of people, but to also participate in a democratically run organization.

### **Essential job duties**

- Mechanical design of automated machinery (components and assemblies) using SolidWorks
- Working within a collaborative team environment
- Interfacing with project leaders and the customer
- Production 2D drawings and BOMs for component procurement & manufacturing
- Oversight and troubleshooting during machine assembly
- Machine debug
- Creation of machine documentation package (user manuals, set-up & maintenance procedure, etc.)

### **Required skills**

- 3D Solid Modeling (SolidWorks preferred)
- Mechanical detailing and checking
- Attention to project schedule and project costs
- Microsoft Office suite products
- Excellent problem solving ability
- Strong interpersonal and communication skills
- Technical writing

### **Other non-Required Skills a Bonus**

- Project management
- Robotic systems design and integration

### **Required experience**

B.S. in Mechanical Engineering (or equivalent training and experience) and a minimum of 5 years of experience utilizing the skills listed above

Please e-mail your resume to [hr@isthmuseng.com](mailto:hr@isthmuseng.com) No phone calls, please

See our web site for additional company information [www.isthmuseng.com](http://www.isthmuseng.com)