

Mechanical Engineer – Forward Technology

Overview:

Job Title	Mechanical Engineer
Job Location	Forward Technology LLC 220 Millard Ave SW Cokato, MN 55321
Work Days	Standard: Monday to Friday Special cases: weekends may be required during travel
Work Hours	Standard: 8AM to 5PM Special cases: week nights and weekend hours during travel
Travel Requirements	Essentially no travel, some customer visits possible if desired
Benefits	Health, Dental, Vision, Life, 401k (Roth or Traditional) w/ company match, 10 Paid Holidays, PTO, Aflac, Short- & Long-Term Disability, Flexible Benefit Plan
Physical Requirements	Some lifting may be required, up to 50lbs
Drug Testing Required	Yes
Education Required	Bachelor of Science Degree in Engineering, 2-Year Drafting Degree, or relevant experience
Special License Requirements	N/A
Certification Requirements	N/A
Driver's License	Valid driver's license required
Passport	Passport not required, but ability to obtain one may be necessary for possible international travel
Endorsements	N/A

Job Description/Responsibilities:

The Mechanical Engineer will be responsible for conceptualizing and designing detailed tooling and custom automated equipment. Requires work with Forward's production systems and personnel to ensure on-time completion of projects. The applicant will assist with laboratory level work (prototyping/new technology vetting), trouble-shooting and concept development with the production group, and in general you will work with a wide variety of internal resources to ensure projects stay on-time and within budget.

Under minimum supervision, applicant will design custom pieces of machinery and tooling. You will build and maintain strong relationships withing Forward Tech and with customers across many different industries and continue to learn the intricacies of plastic welding, leak/burst testing, and automation equipment.

The Mechanical Engineer will have strong experience with SolidWorks, machine design, and have hands-on troubleshooting experience. A go-getter type personality with a strong desire to succeed will help the applicant thrive and grow in this position.

Common tasks for this position include:

- 1) Design machines and tools using SolidWorks
- 2) Develop detailed drawings with proper annotations/callouts in SolidWorks
- 3) Create and maintain BOMs and engineering changes associated with projects and resolve job specification differences

- 4) Review specifications and standard practices – inclusive of the machine standards, general specifications, and scope of work
- 5) Mechanical system upgrades of existing equipment and integration of new/existing equipment
- 6) Ensure work is completed in accordance with relevant codes and with proper documentation
- 7) Participate in continuous improvement activities to improve processes, efficiency, quality, and service
- 8) Work closely with vendors in identifying appropriate equipment necessary for the project
- 9) Work with the Forward Tech team in general to maintain project schedules, standards, and budgets
- 10) Provide assistance to other functional organizations (manufacturing, assembly, customer service, sales) throughout the life of a project

Experience Required	<ul style="list-style-type: none"> • 0+ years of mechanical engineering experience • Familiar with machine design practices • Experience with equipment specifications • Experience in developing new concepts and cost-effective solutions
Required Skills/Qualifications	<ul style="list-style-type: none"> • Driven, energetic, self-starter type individual with go-getter attitude • Ambitious person with strong verbal and written communication skills • Competent with SolidWorks • Creative, out of the box thinker with strong technical writing skills • Willingness and ability to work in a fast-paced environment • Strong time management skills with ability to multi-task daily • Ability to work independently as well as in a team environment • Highly organized with a positive attitude, strong work ethic
Preferred Skills/Qualifications	<ul style="list-style-type: none"> • Familiar with plastic welding, leak testing, and industrial automation • Familiar with OEM equipment budgeting and concepting • Familiar with suppliers to OEMs and the equipment offerings they provide • Electrical aptitude with knowledge of controls concepts

About Forward Technology:

Forward Technology is a leader in the plastic welding and industrial automation industry. Forward was founded in 1965 as Tape, Inc. in Plymouth, MN. Forward is a part of The Crest Group of Companies, headquartered in New Jersey. By being a part of a large group of companies, Forward Technology has the opportunity to partner and collaborate with these sister companies around the world.

Forward Technology’s Mission Statement:

Forward Technology is committed to developing and providing products, solutions, and services that exceed customer expectations while continuing to improve efficiencies through teamwork and employee involvement, thus resulting in complete satisfaction of customers and company shareholders.

To Apply:

Please email resume to braisanen@forwardtech.com