



Mechanical Product Design Engineer

Concept2, the market-leading manufacturer of indoor rowing machines and composite racing oars, seeks a creative and skilled individual to join our product development team.

We are looking for a hands-on Mechanical Engineer who thrives on design collaboration, can develop a solution, and identify manufacturing methods, materials, and sources.

Please email a cover letter and resume if...

You are looking for a career within a small company that is dedicated to being the leader in its field.

You love to design stuff.

Your first solution to a problem is made with cardboard and tape because you know it will change.

You are interested in living with four distinct seasons, in a small-town setting, with winter sports out your back door... in the beautiful state of Vermont.

You have a portfolio of your work.

Responsibilities:

- Partner with sales and marketing to understand customer needs, field application issues, pricing/margin requirements and other elements critical to the success of new products or product redesigns.
- Participate in cross-functional teams to drive innovation and creativity through design.
- Construct prototype mock-ups of products to evaluate performance, durability, aesthetics, and usability.
- Design and conduct experiments for troubleshooting, failure analysis, root cause identification, and durability.
- Assist in the creation of complete specification packages including detailed drawings, simulations, test results, and bill of materials.
- Identify, evaluate, and work with outside vendors as necessary.
- Follow new products through performance testing, final evaluation, production, and market release.
- Develop manufacturing test procedures and fixtures and analyze test and field returns.
- Ensure compliance with applicable safety and technical standards.

Required Qualifications:

- 3+ years of relevant mechanical and product design experience preferred
- B.S. in Mechanical Engineering, MSME preferred
- Ability to communicate conceptual design ideas verbally and through simple sketches
- "Hands-on" abilities required - should be capable of building mock-ups and preparing test samples, using standard shop equipment such as hand tools, drill press, band saw, table saw, etc...
- Experience with bringing products to market from design concept to introduction into the marketplace
- Proficiency with CAD (SolidWorks or KeyCreator preferred)
- Practical experience with analysis and troubleshooting at the component level. (Finite Element, thermal, shock, or vibration analysis a plus)
- Excellent problem solving and organizational skills
- Ability to cultivate cordial and productive relationships with colleagues and vendors
- Ability to thrive in a collaborative work environment
- Proficient in Microsoft Office Suite (Outlook, Word, Excel, PowerPoint)
- Competitive Rowing background preferred



About Concept2

Concept2 was founded by Dick and Peter Dreissigacker in 1976. Fresh from Olympic training, the two brothers designed and manufactured carbon fiber racing oars, then went on to create the world's first air-resistance indoor rower. Dreissigacker Racing Oars are now used by more than 70 percent of the rowing community, and the Concept2 indoor rower has become the industry standard.

Concept2 Today

Rowing: Rowing is our reason for being. Our first goal is to promote and encourage the growth of rowing, indoors and outdoors.

Quality and Value: We strive to design, manufacture, sell, and service unique products of the highest quality and value for the benefit of the Concept2 community. Our customers, employees and their families, suppliers and neighbors comprise the C2 community.

A Special Workplace: We are committed to creating a positive healthy culture that fosters both individual initiative and teamwork, and where employees take pride in their work.

Ethics: Our actions and relationships are characterized by honesty, fairness and integrity.

Successful Concept2 employees combine self sufficiency and personal accountability with strong teamwork skills. Concept2 has an informal office setting, flexible work schedule and excellent benefits. Salary is commensurate with experience.

Submit resume and cover letter to Lewis Franco, Human Resources Director, by email to lewisf@concept2.com, or by mail to Concept 2, Inc., 105 Industrial Park Dr., Morrisville, VT 05661.

Concept2 is an Equal Opportunity Employer.

For more information about Concept2, visit www.concept2.com .