

Design Engineer

| POSITION DESCRIPTION | |
|---------------------------|-------------------------|
| Position Title | Design Engineer |
| Location | Biyagama |
| Business Unit/Site | Design |
| Reporting to | Design Team Manager |
| Direct Reports | N/A |
| Key Working Relationships | Design Team - Sri Lanka |

Role Summary

The Design Engineer, a mid-senior level position, will take an active role within the design team by assisting in the design of advanced carbon, Kevlar, and PBO fibre rigging, associated metal components, and supporting hardware and tooling. The Design Engineer will focus on mechanical design of composite part molds as well as rigging interface hardware (turnbuckles, eyes, hangers) in high strength materials such as Nitronic and Titanium. The Design Engineer will receive training in rigging design, practical applications of advanced metallic components, and insights into the design and build of rigging for the world's largest and fastest sailing vessels while interacting with co-workers at Future Fibres in Europe, Sri Lanka, and the USA, as well as counterparts at North Sails and Southern Spars.

Role Description

Product Design Engineering:

- Produce yacht rigging design packages for clients.
- Create manufacturing drawings for rigging and machined parts.

Design & Development:

- Innovative & proprietary product development.
- Continual critique and improvement of existing products.
- Prototyping.

Project & People Management:

- Deliver completed projects on-time, on budget.
- Control labor and material project costs.
- Support production teams in Spain and Sri Lanka.

Skills and Qualifications

- Attention to detail is crucial.
- Highly proficient with SolidWorks and AutoCAD.
- A bachelor's degree in Mechanical Engineering or Similar.
- Ability to work both independently and as part of a team.
- Ability to build good working relationships across all levels of the business.
- Fluency in English is a must.
- Sound computer literacy with the ability to effectively use Microsoft Office Package (Word/ Excel/ PowerPoint)
- A rigorous engineering mind always looking for the most efficient solutions to problems.
- A proactive self-starter and the ability to work under limited supervision to tight deadlines across multiple simultaneous projects.
- Experience with FEA and the ability to perform structural analysis of machined parts.
- Familiarity with Composite design and construction.
- Sailing experience (Not a must, but will be advantageous)

We are an equal opportunities employer that does not discriminate based on race, religion, colour, national origin, gender, sexual orientation, age, or any other basis. We offer a range of tailored benefits and support from healthcare benefits to self-development training. The selected candidate will be entitled to the following.

- Permanent Position
- Salary at the Market rate
- Yearly Performance Bonus
- Healthcare Insurance + Dental Care
- Self-development training (Internal/External)

If you are keen & interested in working at one of the World's Leading Marine Group's and work towards developing something special, please do send in your CVs with two non-related references to careers@futurefibres.com