

# we are *hiring!*

## **DESIGN ENGINEER**

Future Fibres is the market leader in composite rigging products for yachting. As part of the North Technology Group, we are at the forefront of technology in the performance marine industry.

The Design Engineer will lead the design of advanced Carbon, Kevlar, and PBO fibre rigging, associated metal components, and supporting hardware and tooling. The engineer will have an additional focus on machine design, engineering complex load-bearing assemblies from concept to prototype and production.

He/she will be responsible for computational analysis, rapid prototyping, development, and implementation of mechanical load testing of materials, components, and assemblies as part of the design process. They will research, test, and utilize advanced manufacturing methods.

### **MAIN RESPONSABILITIES**

#### **Product Design Engineering:**

- Produce design packages for clients.
- Create manufacturing drawings for rigging and machined parts.
- Support other engineers.

#### **Design & Development:**

- Innovative & proprietary product development
- Continual critique and improvement of existing products
- Prototyping and Advanced Manufacturing Methods
- Design mechanical assemblies for rigging systems, production, and testing.
- Finite Element Analysis of components and assemblies

#### **Project & People Management:**

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

### **REQUIREMENTS**


- Minimum of bachelor's degree in mechanical engineering or Similar
- 3-5 years' experience in mechanical or machine design field
- Excellent written and verbal communication English skills.
- A proactive self-starter and the ability to work under limited supervision to tight deadlines across multiple simultaneous projects.
- High attention to detail, including organizational skills.
- Strong project management skills.
- Sharp, action orientated, and able to sell ideas convincingly.
- Highly proficient with Solidworks and Autocad.
- FEA of Mechanical Parts and Assemblies.
- Team player.
- Knowledge of design and manufacturing with composite materials is an asset.
- Experience in rapid prototyping and advanced component manufacturing methods is an asset.
- Ability and willingness to travel.
- Knowledge of working with carbon fibre or glass is an advantage.

### **WHAT WE OFFER**

- To develop your career in a leading group in its sector
- Permanent contract.
- Full time.
- Daily learning with the best team in your area.
- Possibility of occasional travel (Group Centres / Customer Visits)
- Team building activities.

[jobs@futurefibres.com](mailto:jobs@futurefibres.com)

\*FUTURE FIBRES RIGGING SYSTEMS, S.L. is committed to the development of policies that integrate equal treatment and opportunities between women and men, and that avoid any type of direct or indirect discrimination based on sex. We promote and encourage measures to ensure that equality is real and effective within our organisation, establishing equal opportunities between women and men as a strategic principle of our Corporate and Human Resources Policy, in accordance with the definition of this principle established in Organic Law 3/2007, of 22 March, for effective equality between women and men. In each and every one of the areas in which we carry out our activity, from recruitment to hiring, including salary policy, training, working and employment conditions and occupational health, we assume and apply the principle of equal opportunities between women and men. We also promote the organisation of working time to facilitate the reconciliation of personal, family and working life with the aim of improving the quality of life and satisfaction of our staff. The principles set out above are put into practice through the implementation of an Equality Plan that represents an improvement in our management system and the guarantee of having an internal structure free of gender discrimination. In this way, we also want to contribute to the progress towards a society in which equality is firm, real and effective.



**Apply now** and be part of an exciting journey with a leading company in the industry.

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## INGENIERO/A DE DISEÑO

Future Fibres es líder de mercado en productos de rigging, fabricados con materiales compuestos, para embarcaciones a vela. Como parte de North Technology Group, estamos a la vanguardia en tecnología dentro de la industria náutica de alto rendimiento.

Actualmente, buscamos un/a ingeniero/a de diseño que diseñará productos de fibra de carbono, Kevlar y PBO, componentes metálicos asociados, hardware y herramientas de apoyo. El/a ingeniero/a se centrará además en el diseño de maquinaria, diseñando conjuntos complejos de soporte de carga desde el concepto hasta el prototipo y la producción.

Será responsable del análisis computacional, la creación rápida de prototipos, el desarrollo y la realización de pruebas de carga mecánica de materiales, componentes y conjuntos como parte del proceso de diseño. Investigará, probar y utilizarán métodos de fabricación avanzados.

### FUNCIONES

#### Ingeniería de diseño de productos:

- Producción de paquetes de diseño para clientes.
- Crear planos de fabricación para aparejos y piezas mecanizadas.
- Apoyar a otros ingenieros.

#### Diseño y desarrollo:

- Desarrollo de productos innovadores y patentados.
- Crítica y mejora continuas de los productos existentes
- Creación de prototipos y métodos de fabricación avanzados
- Diseño de conjuntos mecánicos para sistemas de aparejo, producción y pruebas
- Análisis por elementos finitos de componentes y conjuntos

#### Gestión de proyectos y personal:

- Entregar los proyectos terminados a tiempo y dentro del presupuesto.
- Controlar los costes de mano de obra y materiales del proyecto
- Apoyo a los equipos de producción en España y Sri Lanka

### QUÉ OFRECEMOS

- Desarrollar tu carrera profesional en un grupo líder en su sector.
- Contrato indefinido.
- Jornada completa.
- Aprender cada día del mejor equipo en su área.
- Posibilidad de viajar ocasionalmente (Centros del grupo / Visitas a clientes).
- Actividades de team building.
- Team building activities.

### REQUISITOS

- Licenciatura mínima en ingeniería mecánica o similar
- 3-5 años de experiencia en el campo del diseño mecánico o de maquinaria
- Excelentes habilidades de comunicación escrita y verbal en inglés.
- Proactividad y capacidad para trabajar con plazos ajustados en múltiples proyectos simultáneos.
- Gran atención al detalle, incluida la capacidad de organización.
- Gran capacidad de gestión de proyectos.
- Perspicaz, orientado a la acción y capaz de vender ideas de forma convincente.
- Dominio de Solidworks y Autocad.
- Análisis de elementos finitos de piezas y conjuntos mecánicos.
- Capacidad de trabajo en equipo.
- Se valorará el conocimiento sobre diseño y fabricación con materiales compuestos
- Se valorará experiencia en la creación rápida de prototipos y métodos avanzados de fabricación de componentes.
- Disponibilidad para viajar.

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