



## Mechanical Design Engineer (FT)

### Who are we?

U-Boat Worx is based in The Netherlands and was founded in 2005. Since its inception we have become the world's leading manned submersible manufacturer. U-Boat Worx offers high-end exploration submersibles ranging from 2-person to 11-person models, available in depth-ratings ranging from 100 meters up to 3,000 meters. The submersibles use the latest advancements in technology to provide clients – who include super yacht owners, research organizations, offshore companies and high-end tourist operators – with the safest and best performing submersibles.

### What will you do?

You will work on the complete overall design of our submersibles. This can vary from Product Inception and Development (hydraulic, oxygen, pneumatic, etc.), DFMEA, exo-structure, pressure vessels, propulsion, GRP products, etc.

You will produce 3D models, 2D production drawings, calculation reports and test plans.

### Who are you?

We are looking for a hands-on, precision engineer who is able to design well-documented, advanced technology with limited design risk.

The perfect candidate has the following profile:

- Bachelor's or Master's Degree level education in mechanical engineering
- Experienced in designing prototype machines
- Thorough knowledge of marine construction materials and coatings
- Experience with Solidworks or similar 3D design software
- Knowledge of strength calculations, both FEM and old-school
- A few years of experience in product development
- Willingness to travel occasionally
- Good command of English and Dutch
- Available to occasionally answer technical questions from the field outside office hours
- Team-player with good sense of humor

In addition, it would be helpful to have:

- Knowledge of Abaqus software
- Experienced in project management
- Diving skills
- Ship building and lifting experience
- Basic knowledge of electrical systems

### What do we offer?

We offer a pleasant, challenging and dynamic work environment with an ambitious team of like-minded professionals. You will have the opportunity to expand your personal horizons in an agile organization, which is looking to build a legacy based on a fleet of the world's best submersibles. We start with a full training course to become familiar with all technical and operational aspects of our submersibles.

### How to apply?

If you feel you are a good match with this profile, please send your CV with a compelling motivation letter in English to Ms. Regina van Krimpen via [humanresources@uboatworx.com](mailto:humanresources@uboatworx.com). You can contact our office at +31 (0)76-5713096.

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### U-BOAT WORX B.V.