

# **Mechatronics engineer**

## **Company description**

Barge Master is a fast growing company in the offshore wind industry. We are innovative company that develops motion compensation solutions, such as platforms, cranes and gangways for the maritime and offshore industry. Our systems increase safety and workability and reduce the costs of offshore work. Barge Master develops different systems that can be adjusted to the client's needs. Barge Master deploys its systems worldwide. Typical customers are energy companies, offshore contractors, maritime service providers, dredging companies, and salvage companies. Barge Master's head office is located in Rotterdam.

Barge Master will in the coming decade contribute to the construction of offshore wind farms, amongst others, of the coast of the USA with an innovative solution: the BM Feeder. For this motion compensated feeder solution we will launch a new building program.

Watch a movie of the solution <https://youtu.be/yZHY9XLVioE>

## **Job description**

You will be joining the Barge Master BM-FEEDER project team. This team will be responsible for the supervision and project management of the new build program for our BM-Feeders. Your tasks will focus on the mechanical design, integration, assembly and motion control design of our large scale, offshore motion compensation machines. You will participate in the conceptual development and take into account specifications, process requirements, layout complexity, cost, and lead-time limits. Together with suppliers you will review and modify design drawings, electrical diagrams, and machine software. You will be able to support your designs with simulations. During acceptance testing and commissioning you are expected to take the lead in testing the drive and control functionalities. International travel to the location where our machines are built and operated is expected.

## **Your profile**

- An advanced degree in mechanical engineering, mechatronics or robotics
- Strong technical and organizational skills
- Experience in mechatronic design. Hydraulic knowledge is an advantage
- Affinity with engineering tools, mechanical systems and drive & control systems
- Full command of the English language (both written and verbal)
- Flexible and can handle ad hoc work efficiently during commissioning
- 2 - 8 years relevant work experience

## **Working at Barge Master**

At Barge Master we work hard to deliver quality and finish our projects in time. We believe a stimulative company culture with enough room for fun motivates our people to do so. Our company is growing, and we want you to grow with it. That is why working at Barge Master also means:

- Working in the exciting offshore wind industry that contributes to the energy transition
- An open, young and supportive working environment
- A remuneration that reflects the responsibilities
- Operating in a team but with large individual powers
- A healthy and sustainable lunch, including a salad bar
- Many company gatherings
- A beautiful view of Rotterdam from our 14<sup>th</sup> floor

**Procedure**

If you are interested and would like to be part of a young, fast growing offshore company, please send an email with your motivation and CV to: [recruitment@barge-master.com](mailto:recruitment@barge-master.com), before the 16<sup>th</sup> of October 2022. For further information you can contact Nathalie van der Vlist [n.vandervlist@barge-master.com](mailto:n.vandervlist@barge-master.com) or 010-4090060.

Unfortunately this vacancy is only for EU nationals or people currently working in the EU with a valid working permit.