

METAL DESIGN ENGINEER (F/M) – HR-ENG-032

About AYRO

In a world facing unprecedented environmental challenges, AYRO has developed an innovative wind-powered solution to unlock the decarbonisation of global maritime transport through the use of sustainable hybrid propulsion. OceanWings® is a patented, automated, self-raising and lowering vertical wingsail system that enables newbuild or existing ships to significantly reduce their fuel consumption and resulting carbon footprint, by harnessing the power of nature.

Founded in 2018, AYRO is a French industrial start-up with headquarters in Paris and a factory in the port area of Blainville-sur-Orne in Caen, which benefits from direct access to the sea. Bringing together more than fifty passionate men and women with diverse expertise, the company has recently equipped the newbuild cargo ship, Canopée, with four of its first 37-metre-high OceanWings® wingsails.

**CANOPEE, THE MOST-ADVANCED WIND-POWERED TRANSPORT SHIP
IN HISTORY, EQUIPPED WITH FOUR OCEANWINGS®**



Job Overview

AYRO is looking for a Metal Design Engineer. As part of the mechanical design team and in collaboration with AYRO's design engineers, you will design the metal structures and parts making up the new OceanWings® products.

Main Missions

- Define, specify and justify technical choices
- Design and dimension metal structures and parts
- Generate 3D CAD and drawings of parts
- Ensure manufacturing and assembly feasibility
- Monitor suppliers and assemblers
- Participate in building the AYRO feedback and best practice database
- Make suggestions for optimizing AYRO products
- Participate in the development of design office tools

Profile & Skills required

- You have a 5-year degree in mechanical engineering.
- You have at least 5 years' professional experience in industry, enabling you to design structural metal parts for a number of projects in the offshore, shipbuilding and wind energy.
- A good command of 3D CAD and drawing tools.
- A good command of the rules governing the design, dimensioning and manufacture of metal parts.
- Good knowledge of metal parts manufacturing processes, as well as of the standards applied in the marine, wind and crane industries. Experience of working with class companies will be valued.
- Ability to analyse and summarize.
- Rigor, organization and autonomy.
- Curiosity and team spirit.
- English: fluency essential to take part in international meetings.

What we offer

- Implement innovative products to decarbonize the marine industry.
- Work in a start-up spirit as part of a passionate and dynamic team.
- Be the technical reference on a dedicated project.
- Act as an expert on all stages of the OceanWings development cycle (pre-sizing, sizing, testing, installation, maintenance).
- Capitalize on the initial feedback from our first emblematic project to design our future products.

Conditions

- Permanent job contract as a manager: collective bargaining agreement for the metallurgy industry.
- Position based in Paris, frequent travel in France and abroad (Europe initially).
- Working in a pioneering spirit of sustained growth.
- Recruitment process with several interviews (via recruitment agency).

JOIN US AND GIVE YOUR CAREER WINGS!

We are a team of enthusiastic experts committed to unlocking the decarbonisation of global maritime transport through the use of an innovative wind-powered solution. At AYRO everyone is invited to combine their talent and imagination with cutting-edge spirit to develop tomorrow's maritime industry.

If you wish to create the change, please send your resume and cover letter with Ref: HR-ENG-032 to hring@ayro.fr or you can apply directly here:

[START THE ADVENTURE →](#)