

The company:

Located in the Liège Science Park (Belgium), AMOS is specialized in the design and manufacturing of optomechanical systems dedicated to the space industry, professional astronomy and industry. AMOS expertise is recognized worldwide and is placing the company as European leader in space optics, space simulator and medium and large telescopes. In order to strengthen its team, AMOS is looking for an **Experienced mechanical designer (M/F)**.

Your function:

- Within the Design Office (BE), the mechanical designer takes charge of the design of complex mechanical assemblies (telescopes, satellite components, etc.):
 - mechanical design using Catia V5 software;
 - drawing and detail plans;
- Based on the input data provided by engineers from other engineering divisions, the mechanical designer designs the solutions: preliminary design, detailed design, drawing with dimensioning and tolerancing.
- The designed solutions concern the final equipment intended for the customer, but also the many tools required for manufacturing and testing, as well as equipment intended exclusively for validation and / or qualification.
- Throughout the various design stages, a regular exchange is maintained between the BE and the other divisions to ensure that the designs under development comply with expectations. The designer may be required to perform basic sizing calculations by analytical means; secondly, it will also benefit, if necessary, from the support of the "Calculations" division for in-depth finite element calculation.
- With a view to costs optimization, the designer is careful to ensure a design that facilitates as much as possible the manufacture and assembly of parts, avoiding unnecessarily over-specifying plans, while ensuring the level of quality required in terms of performance and robustness.

Your profile:

- Mechanical draftsman / designer bachelor.
- Experienced (minimum 5 years of experience in design and conception).
- Very good understanding of complex mechanical issues.
- High proficiency of functional dimensioning, geometric tolerancing (GPS) and industrialization methods (experience in a machine shop is a plus).
- Good ability to work in a team and communicate project information.
- Knowledge of resistance and material properties.
- Proactive, rigorous, curious and persevering.
- Knowledge of the constraints related to the space industry and vacuum environments is a plus.
- Knowledge of 3D design software (mastery of Catia V5 is highly recommended).
- Knowledge of parametric design and macro creation in Catia V5 is a plus.
- Fluency in English is an asset.

Our offer:

- An exciting international business sector, at the forefront of technology;
- A permanent contract with a complete salary package;
- Learning and evolution opportunities;
- A pleasant and work-friendly environment.

Please send your application to: attn. Mrs Sandrine NAA, Administrative Assistant, AMOS S.A., Liège Science Park, Rue des Chasseurs Ardennais, 2 à 4031 Angleur or by e-mail to jobs@amos.be, with the following reference : « Designer ».