



# Mechanical Design Engineer - Join GRADEL LW and Shape the Future of Lightweight Innovation

## About Us

GRADEL Group, a medium-sized company with 70 employees, delivers cutting-edge solutions for space & defence, nuclear, and glass industries, while its subsidiary GRADEL LW pioneers sustainable lightweight design and production. At the heart of this innovation is our unique composite manufacturing technology: Gradel Robotic Additive Manufacturing (GRAM) – an endless filament 3D winding process.

## Your Role

We are looking for a talented **Mechanical Design Engineer** to support the development of our activity and help drive the adoption of GRAM technology. You will play a key role in designing advanced lightweight components and tooling for high-performance applications.

## Key Responsibilities

- Develop lightweight components for space and other advanced applications.
- Design tooling and specific equipment for the GRAM process.
- Support the development and optimisation of the GRAM process.
- Analyse customer requirements and propose solutions compatible with GRAM technology.
- Prepare technical documentation, drawings, and BOMs according to best practices.

## Your Profile

- Master's degree in mechanical engineering with at least 5 years' experience in a similar role.
- Strong expertise in designing composite parts and/or mechanical equipment.
- Solid knowledge of stress calculation and standard manufacturing processes.
- Ability to work independently while being a strong team player and communicator.
- Organised, methodical, practical, and innovative problem-solver.
- Proficiency in SOLIDWORKS and PDM SOLIDWORKS (asset).
- Programming skills (VBA, Python) considered as an advantage.
- Experience in space or aeronautic industry is an asset.
- Fluent in English (spoken and written); French or German is a plus.

## What We Offer

- A highly stimulating and forward-looking role in a success-oriented team.
- Opportunity to contribute to an exponentially growing market and help tackle climate change.
- Freedom to take initiative and shape projects.
- Position based in **Hautcharage, Luxembourg**.

## How to Apply

If you are ready to take on this exciting challenge and actively contribute to our future development, please send your **CV and cover letter** to [job@gradel.lu](mailto:job@gradel.lu).

Only shortlisted candidates will be contacted. All information will be treated confidentially. The selected candidate will be required to provide a criminal record.

#MechanicalEngineering #DesignEngineer #Composite #AdditiveManufacturing #LightweightDesign #Aerospace #Innovation  
#EngineeringJobs #LuxembourgJobs #SOLIDWORKS #ClimateChangeSolutions