

Mechanical Engineer

Cruden develops professional open architecture driving simulators for the automotive, motorsport and marine industries. We supply flexible, durable, high performing real-time simulators and their modular components: hardware, software, vehicle models, content and projection systems.

We are looking for a motivated Mechanical Engineer with experience to join our team. In this role you will be responsible for designing mechanical solutions, where you are in pivot in the process from concept till production. This can vary from mountain brackets for existing simulators to completely new 6-DOF simulators, where in all cases the dynamic load capacity is an important factor due to the demanding access areas for the simulators Cruden supplies.

The ideal candidate will be accurate, structured, analytical and a creative thinker.

Strong in problem solving and with good communication skills and a solution oriented mentality. You are able to organize effectively your own work and determine priorities.

Responsibilities & duties

- Designing mechanical constructions and systems for Cruden simulators;
- Create technical drawings and BOM for production, quality control and assembly;
- Management of CAD and drawings library/database;
- Reports/presentations for design reviews;
- Collaborate in the engineering team/technical guidance from Jr. Mechanical Engineers;
- Production supervision, quality control and optimization of the interface with production parties.

Required education and experience

- Higher professional education in Mechanical Engineering or similar
- Preferably 5 years' working experience as a Mechanical Engineer
- Ability to translate user requirement specifications into a concept design and functional specifications;
- Knowledge of various metal working processes
- Experience with SolidWorks (Cruden works with SolidWorks Simulation Premium);
- Knowledge of construction with sheet metal, tube and welded constructions in steel and aluminium;
- Design constructions for dynamic systems (experienced with motors/ is advantageous);
- Use simulations/analysis as part of the design process (motion study, ultimate limit state, fatigue, natural frequency, etc.);
- Experience in designing according to certification guidelines (CE, TÜV, etc.);
- Good knowledge of English and Dutch in both speaking and writing

About us - we'll offer you:

- A representative salary, 25 holidays and a pension plan;
- Flexibility in working hours and location;
- A highly motivated and competent team that can't wait for you to join them;
- The opportunity to improve one of the most eye-catching parts of our simulators;
- An open-minded company with a family feel and a flexible attitude.

Do you live in the Netherlands and can you commute to Amsterdam on a daily base?
Please send your application (including motivation and resume) to jobs@cruden.com.

We don't appreciate acquisition in regards to this vacancy.