



dynamic E flow GmbH is a young and dynamic high-tech company with expertise in the field of electric mobility. Based on fundamental research and development work, dynamic E flow is a pioneer and recognised supplier in the field of highly efficient electric machines. The capcooltech® technology makes it possible to realise unprecedented cooling performance for electric motors.

We are a small dynamic founder-led company that enjoys working together and is looking forward to mastering challenges.

electromagnetic design engineer (f/m/d) for the field of electrical machines

Your tasks:

- Carry out calculation and simulation of the electromagnetic and thermal behaviour of eMotors
- Electromagnetic development and design of synchronous motors include magnetic circuit, winding, insulation and industrialization
- From the concept phase to series production readiness
- Prepare and contribute on internal as well as customer meetings and process inquiries
- Develop solution proposals directly in the team and present them to the customer
- Monitoring and evaluation of new electromagnetic concepts and technologies
- Analysis of suitability and industrialisation in the field of application
- Creation technical files and documentation for internal and external reporting
- Supporting motor/system testing as well as industrialization

Your profile:

- Work experience: at least 3 - 5 years in the field of electric motors
- Successfully completed studies in the field of electrical engineering, focus eMotors and propulsion (M.Sc. / PhD) or similar
- Result driven attitude with curiosity towards new products
- Proficient understanding of mechanics and materials
- Professional experience in Finite element software (Altair, Ansys, Jmag, Femm)
- Ideally experience in the field of system simulation (Altair Activate, MATLAB)
- Independent work, confident manner and analytical understanding
- Strong communication and teamwork skills
- High degree of flexibility and passion for technology
- Creativity and interest in working with international project teams

Have we sparked your interest? Apply with your complete application documents (CV, cover letter, references): bewerbungen@dynamiciceflow.com

If you have any questions, please feel free to call us - we look forward to hearing from you!
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