



Volvo Construction Equipment is a part of the Volvo Group and is one of the world's leading manufacturers of construction equipment. We produce on four continents and have a market presence in over 140 countries worldwide. At our site in **Konz (near Trier) in Germany**, our employees develop, produce and distribute compact wheel loaders, wheeled excavators and electric wheel loaders.

Do you want to join us in creating the world we want to live in? Then apply now as:

Electronic System Engineer (m/f/d)

Who are we?

We, the Control Systems team, develop our machines from A to Z. This is something we do not achieve alone, but together with other teams at our own and other locations. It starts with the initial design, the creation of the layout and extends through verification and validation to the production start-up in our own production. To this end, we use virtual simulations in 3D, define machine functions and develop individual components as well as the software for our products. Of course, product maintenance and continuous improvement of our machines and working methods are also part of our tasks.

We are a multinational and multicultural team; colleagues with unique experiences, knowledge and opinions. Open feedback culture and respect for each other are an essential cornerstone for our success.

If you recognize yourself in this position, we look forward to receiving your application via our [Volvo Recruitment Online System](#).

See you soon, future team member!

Volvo Construction Equipment Germany GmbH
Max-Planck-Strasse 1 - D-54329 Konz-Könen

What are your tasks with us?

- You develop machine functions together with other departments and are responsible for the system design of the electrical components and software functions.
- You define, analyze and document the electrical and electronic requirements as well as the various configuration options.
- You coordinate various activities within projects and observe all requirements regarding functional safety, error handling and HMI.
- You work in different areas, such as electromobility, automation or connectivity.

What you bring along:

- University degree with a focus on electrical engineering, mechatronics or a comparable qualification
- Excellent communication and organizational skills as well as a strong team orientation and the willingness to share knowledge and to continuously develop yourself
- High sense of responsibility and the ability to quickly familiarize yourself with new topics
- First experience in working with requirements and model-based development as well as in the design of electrical components and embedded systems
- Experience in software development, CAN communication and functional safety as well as experience in the construction machinery industry is an advantage
- Good written and spoken English knowledge

What we offer:

- great teamwork
- employee development
- work life balance
- Modern IT equipment
- Innovative working environment
- Employer-funded pension

- Flexible working hours
- Canteen
- health management

