



## Comatec Mobility

Latest technology  
for your product

Comatec Mobility specializes in the development of mobile machinery, commercial vehicles and rolling stock. The company offers design and expert services for the product development of an entire machine or device all the way from the various design phases to the development of the entire product.

Comprehensive expertise and a keen understanding of each application's specific requirements is a necessity during the entire life cycle of machinery and equipment, from product development and design to maintenance and modernization.

Our multidisciplinary experts are familiar with the specifics of their customer industries with an ability to ensure that projects are completed without compromises. We take pride in developing to our technology industry customers the best devices in the world.

## KEY COMPETENCE AREAS

**Mobile Machinery:** Mining, Construction, Forestry, Agriculture

**Commercial Vehicles:** Buses, Trucks, Special vehicles

**Rail Vehicles:** Rolling stock

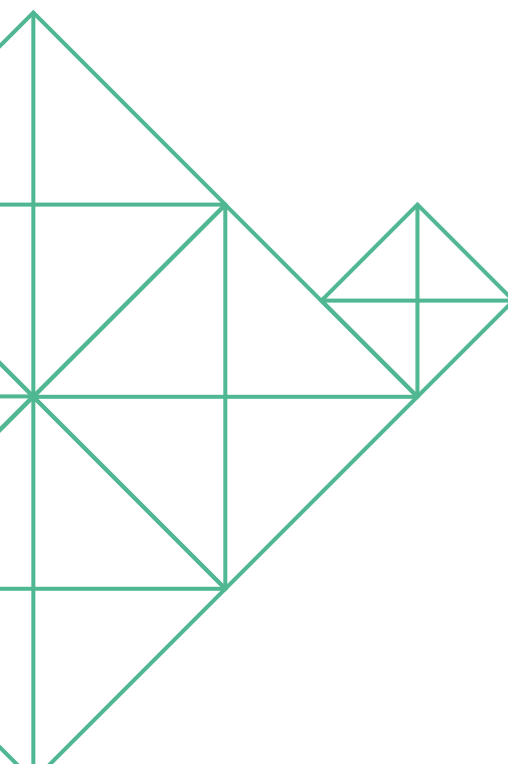
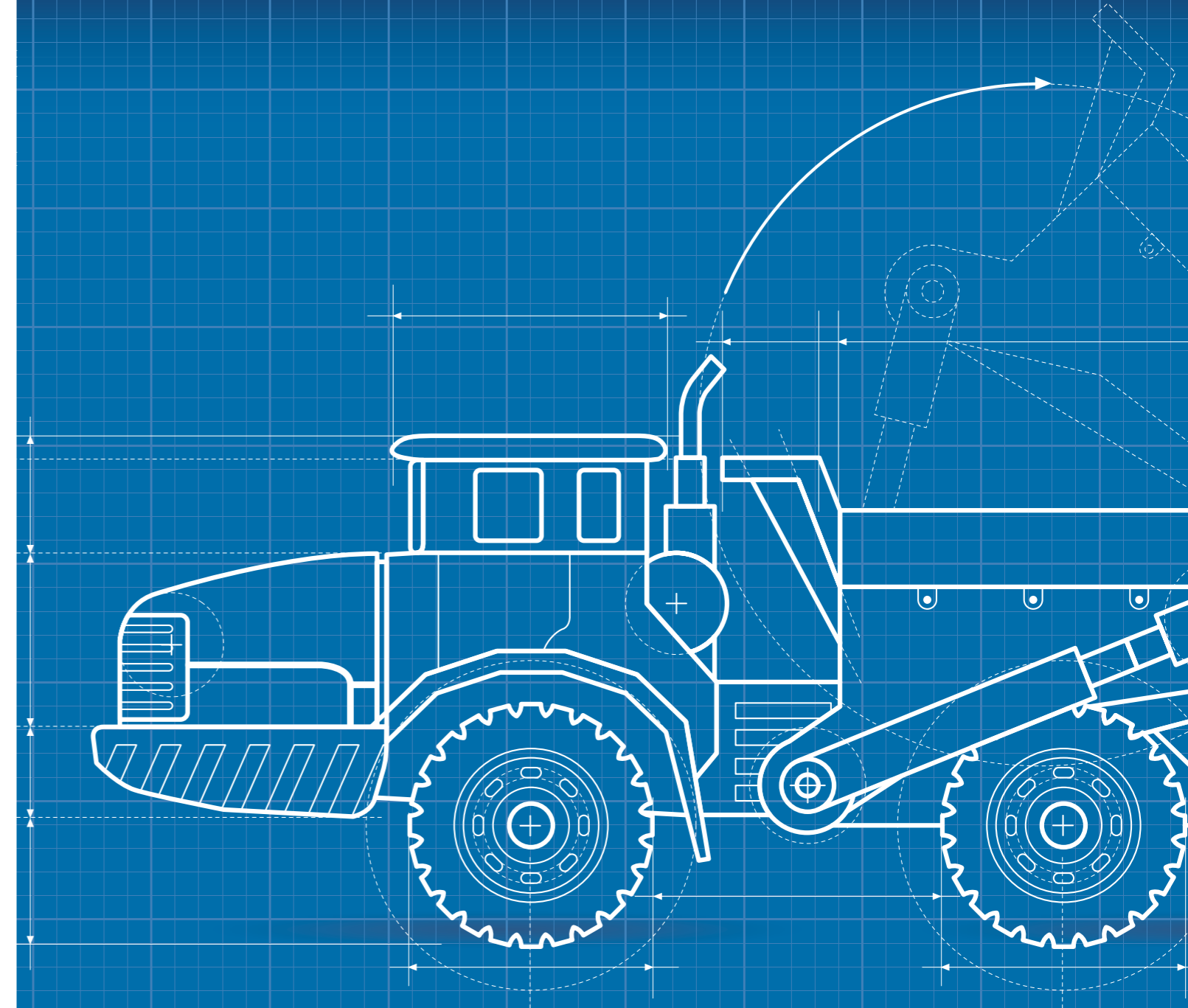
## SERVICES

**Design:** [mechanical engineering](#), [hydraulics](#), [electrical design](#), [automation and software](#)

**Expert services:** [technical calculation](#), [simulation](#), [documentation](#), [safety and compliance](#), [project management](#)

## COMPLETE SOLUTIONS FOR CUSTOMERS' CHANGING NEEDS

We meet our customers' changing needs in vehicle and mobile machinery design. This is why we have packaged strong areas of our expertise into comprehensive solutions that facilitate the product development process and overall management. To support product development, we offer a flexible and cost-efficient solution that enables the customer company to focus on their core business.



### MOBILE MACHINERY AND VEHICLES

- Development of the entire product
  - Procurement
- Manufacturing support and supervision
  - Testing and commissioning services
  - Documentation
- Project management

### ELECTRIC DRIVELINE

- System specifications
- Choice of batteries
- Electrical design
  - Software
- Heat management and simulation
- Safety and compliance with regulations
  - Layout and mechanical structures

### OPTIMIZED STEEL CONSTRUCTION

- Mechanical design
- Strength calculation and simulation
- Material choices
- Industrial design
- Manufacturing methods

### SAFETY SOFTWARE

- Safety-critical systems
  - Work and development processes
- Functional safety
  - Standard requirements

### CABIN AND HVAC

- Design and UX
- Mechanical design
- Strength calculation and simulation
- Electrical design and HVAC controls



## COMATEC'S QUARTER IS 25 YEARS

Comatec understood at an early stage that success requires the ability to forecast industry trends. Instead of a quarter of a year, the quarter that guides our operations is a quarter of a century.

According to this view, Comatec, which was established in 1986, is in its second quarter. At the end of the quarter in the 2030s, our goal is to be a global consulting and design company with thousands of employees.

In the industries in which we operate, projects often last long and require large investments, which is why it is important to choose the most reliable partners for their implementation. The most natural choice is Comatec, which relies on cost-effective long-term planning.

Comatec Group is an engineering company that provides and develops design, project management and expert services – a leader in its industries. We employ almost 600 professionals in over 20 locations in 4 countries. We are particularly known for our ability to carry out challenging assignments in the technology industry and the field of mechanical engineering. Our solutions are always based on tried and tested up-to-date technology.



DNV GL Business Assurance has granted Comatec Group the ISO 9001:2015 management system certificate. The certified operations include the Group's design, project management, site and expert services.