



Mechanical Design

SOLUTIONS. PROJECTS. EXPERTS.



BRAIN POWER FOR ENGINEERING

Mechanical Design

Design knowhow forms one of the strongest pillars for Comatec's business. In Finland, we are the leading designer of mobile machinery and material handling systems, developer of production equipment and lines, and expert in ships and railway rolling stock. The knowledge acquired over the years can also be utilised in other industrial sectors. We can use the knowhow of hundreds of people in solving all sorts of mechanical design needs.

We know all about conventional engineering. And new, innovative challenges give our engineers an opportunity to demonstrate their skills. We have been involved in a wide range of different assignments from technology companies and participate in various stages of the life cycle of the products of our Finnish and international clients. We are continually developing our knowhow and processes to ensure that our clients are satisfied with the end result.

On your premises or ours?

We can work at the client's premises using the client's software or take on a job as a separate project and work at Comatec's premises. It is also possible to work from our office with a VPN (Virtual Private Network) link. We can charge by the hour or work on a fixed price contract according to your wishes, and if required can provide resources for a project team from our experts in different fields.

Applications

- Initial design
- Lay-out
- Steel structures
- Sheet metal structures
- Plastic products
- Transmission
- Materials technology
- Production technology
- Welding technology
- Construction technology
- Surface treatment
- Hydraulics
- Pneumatics

Design software

- AutoCad
- Autodesk Inventor
- Catia V5
- I-Deas
- NX
- Pro/ENGINEER
- Creo
- SolidWorks
- Vertex 2D/3D

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Comatec's personnel are experts and are a pleasure to work with.”

Customer satisfaction survey, 2012

Mobile Machinery and Special Vehicles

- Mining and Construction Equipment
- Agricultural Machinery
- Forest Machinery
- Special Vehicles
- Rolling Stock

Material Handling Systems

- Conveyor Systems
- Cranes
- Load Handling Equipment
- Elevators

Industrial Production Systems

- Electromechanical Systems and Components
- Processing Machinery
- Plant and Maintenance Engineering

Boilers and Power Plants

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