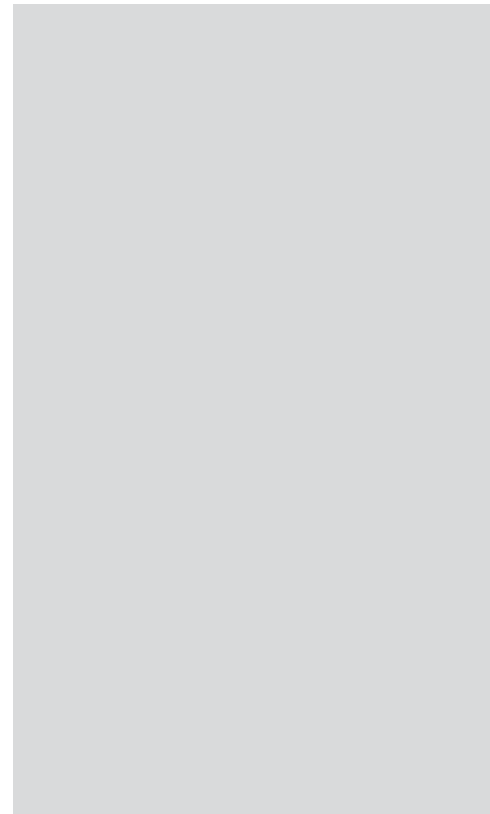


Fuel Technologies

Innovative tank systems



We cover the complete process chain in the area of tank systems

The Fuel Technologies business unit of Allgauer Automotive GmbH develops and produces tank systems for the automotive industry.

Right from the planning and pre-development phase, we support you with our wide-ranging experience and knowledge in the area of tank systems. Starting from package investigations and defining the complete system functions, we take account of the requirements in your performance specifications in order to implement an optimum overall concept for you.

Developing and trialling tank systems through to series production is divided into 5 phases:

- 3D design taking account of the installation situation in the vehicle and the possibilities of implementation with regard to the overall functions.

- Simulation of the individual driving situations with defined tank volumes using CAD, in order to configure and define the components of the tank system.
- Production of prototype tank systems to verify and validate the system functions in the Allgauer Testing Center, including the Fuelling Technology Center, as well as in the overall vehicle in cooperation with our customer.
- Project planning, procurement and commissioning of the entire production technology, including for series production, taking account of the results from the prototype and pre-series phases.
- Series production of the customer-specific tank systems incl. production of function modules such as ventilation systems.



The latest production technologies and experienced employees ensure the highest component quality is achieved

The series production of tank systems is one of our key competences in the Development, Testing and Prototype Production departments, amongst others.

Using an extremely wide range of production techniques such as spot/resistance welding, inert gas welding/brazing, roll seam welding and folding/edge welding by robots, we produce your individual tank system on various fully and semi-automatic production machines.

All tank systems are subjected to a 100% helium leak-tightness test prior to delivery.

Optimum corrosion protection of our tank systems is guaranteed by them being completely painted in a painting system with 4 painting robots, followed by drying in an oven.



ALLGAIER

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