

## Car Body

High-quality structural and outer skin components



The complete value-added chain in the assembly shop

**All the products and services offered by the Car Body business unit have as their objective to satisfy your requirements with the best quality.**

Great expertise in all joining processes with market relevance, as well as assembly areas equipped with robots and innovative production processes ensure short through-put times with the highest quality. We perform calculations for dies, pressed parts and entire assembly systems; we prepare

body-in-white concepts and cycle time studies, and take over the project management.

Depending on the needs and requirements of various truck and passenger car models, the components vary in their composition from aluminum, stainless steel or a mix of steel and aluminum. We offer appropriate joining processes for each material and component type.

Our key competence even incorporates the surface coating, which is implemented using cathaphoretic coating (KTL).

**We work with the following materials:**

- Uncoated steel
- Coated steel
- High-strength steel
- Aluminium 5000 series
- Aluminium 6000 series
- Stainless steel



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### Key competences in production

#### Connection techniques used:

- Spot welding
- MIG welding
- MAG welding
- TIG welding
- Laser welding
- Laser brazing
- Gluing
- Clinching
- Punch riveting
- Flanging
- Roll hemming

#### Further processing/refining

- Thin-layer cathoretic electro-dip coating (KTL)
- Spray painting
- Degreasing/passivating
- Cavity sealing
- Laser cutting
- Assembly of add-on parts
- Powder paint (external)
- Topcoat (external)



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