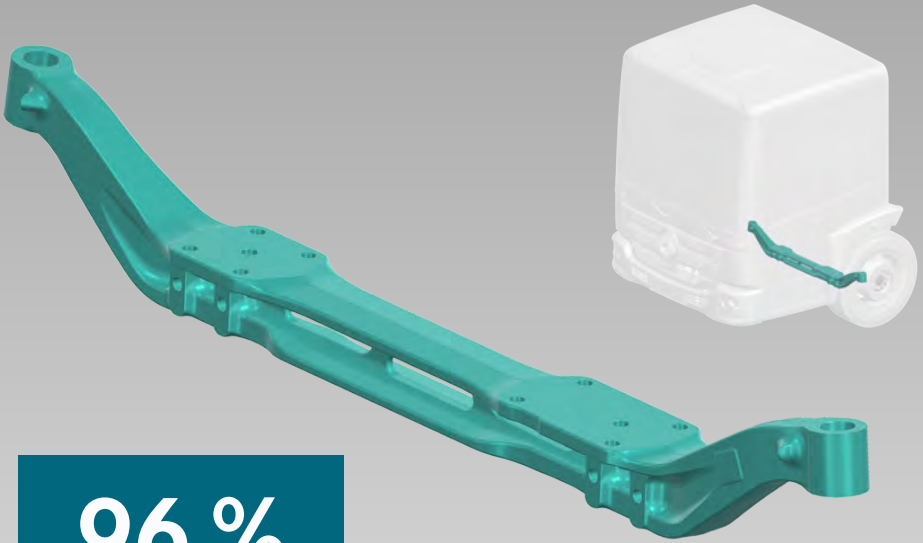


# DAIMLER TRUCK

## Front Axle Beam

Sustainable axle performance – circularly, recycled and low-emission

**reECONIC**



**96 %**

Recycled Materials

Status as of May 2026

### Details

- CO<sub>2</sub>-reduced forged steel produced via the Electric Arc Furnace (EAF) route
- Increased scrap content of 96 % (compared to the previous 24 %)
- Resource conservation: reduced ore mining and lower demand for primary raw materials
- Fully compatible with current series production processes
- Sustainable material choice without compromises in function or safety

### Statements

#### Semi-finished Products: Saarstahl

“The steel for this axle was produced by Saarstahl with reduced CO<sub>2</sub> emissions using the electric steelmaking route. Its quality is fully comparable to conventionally produced steel. This ‘green’ steel embodies circularity like few other products: it is suitable for multiple recycling cycles. In line with resource conservation and circular economy principles, electric steel production represents a uniquely closed loop and is therefore an essential part of sustainable supply chains.”

#### Components: Thyssen Krupp Gerlach

“Regarding sustainability, this project demonstrates the potential that forged components can offer. At Thyssen Krupp Gerlach, we see sustainability as an economic opportunity. Sustainability is not just a buzzword for us – we have SBTi-validated targets with the goal of becoming climate-neutral by 2050.”

Further information about the overall reECONIC project →