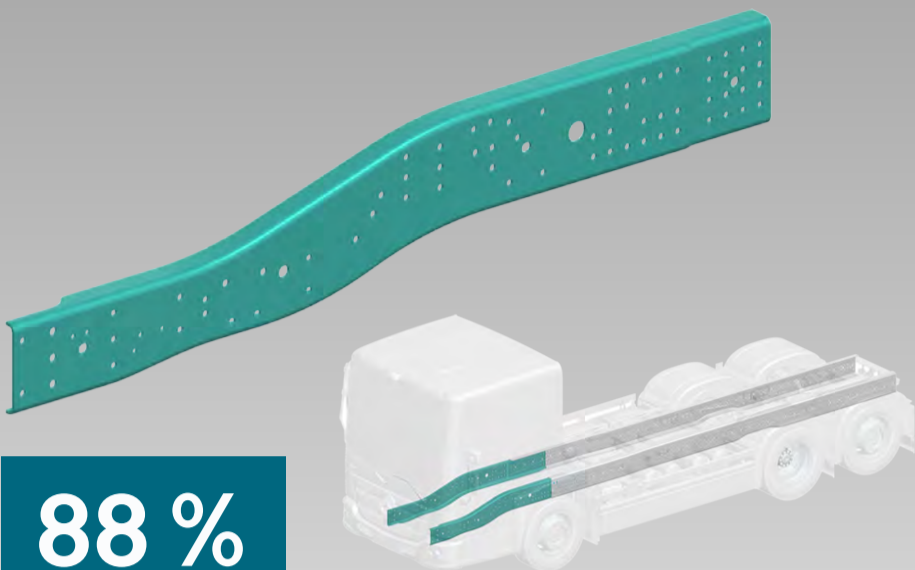


DAIMLER TRUCK

Cranked Frame Rail

Strength in structure: low-CO₂ frame rails

reECONIC



88 %

Recycled Materials

Status as of May 2026

Details

- CO₂-reduced steel produced via the electric-arc-furnace route: XCarb® recycled and renewably produced with 75 % guaranteed scrap content
- For this reECONIC part an increased scrap content of 88 % was achieved (compared to conventional Blast Furnace/Basic Oxygen Furnace (BF/BOF) route, which typically has scrap content values between 15–20 %.)
- Resource conservation: secondary steelmaking uses significantly less raw material such as iron ore and coal than primary steel making. Renewable electricity is used in the Electric Arc production route for XCarb® recycled and renewable produced.
- Fully compatible with current series production processes
- Sustainable material choice without compromising performance or safety

Statements

Raw Materials – Semi-finished products:

ArcelorMittal Flat Europe

“XCarb® recycled and renewable produced product offer. Main raw materials are pre- and post consumer scrap (min. 75 %) which is complemented with virgin iron sources such as HBI/DRI or pig iron.

Hot rolled coils for this product offer are produced at production site Sestao in Spain. To answer to the automotive market demand, our XCarb® product offer from Electric Arc Furnace (EAF) at Sestao is further developed. *“We are proud that our sustainable steel solutions support Daimler Trucks' environmental goals in its reECONIC project.”*”

Components:

HÖRMANN Automotive Gustavsburg GmbH

“HÖRMANN Automotive Gustavsburg GmbH has successfully integrated recycled steel into its manufacturing process – without any loss of quality or disruptions in production.

‘Sustainability is not just lip service for us, but everyday practice. The smooth use of recycled material demonstrates that resource conservation and the highest quality standards are fully compatible.’

As part of the HÖRMANN Group, HÖRMANN Automotive Gustavsburg GmbH stands for future-oriented production processes consistently focused on resource efficiency. Close, partnership-based collaboration with suppliers and customers is a key success factor in this approach.”

Further information about the overall reECONIC project →