



Clou inside

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Safety on the move.

The Flair now includes airbags, ESP and seatbelt pretensioners as standard – for your protection.



Safety first – the new safety concept for the Flair.

To ensure your protection, we have revolutionised the safety standards for premium liners. After years of development, comprehensive testing and numerous crash tests, we have succeeded in creating the safest Flair ever. Our tailor-made safety concept, which includes a driver and passenger airbag, ESP and seat-belt pretensioners as standard – in addition to a newly developed chassis – signals an absolute breakthrough for the liner class.



Our list of optimisations:

All the innovations we have developed to increase your safety are listed here.



Airbag

Optimal impact protection for driver and front passenger – standard equipment.

ESP

Keeps your vehicle safely on course, even when combined with the optional air suspension.

Pedal Release System

Reduces the risk of injury to the driver's legs.

Seatbelt pretensioners

Extra safety in a fraction of a second.

Seat console

Provides strong back support in the event of a crash.

Bulkhead partition

Meets the highest safety requirements.

Raised platform

Load-optimised design for impact and airbag deployment.

For more information please visit:

www.niesmann-bischoff.com/flair-safety

Your safety comes first.

We have completely redefined safety in liners. The Flair's exclusive safety concept is quite simply an engineering masterpiece – tailor-made from a single cast. The vehicle has been fundamentally modified to ensure the best possible protection for all occupants. How do you benefit? Through tested and certified safety – proven via numerous, independent crash tests, which the Flair passed with flying colours. We want you to feel safe on every trip.



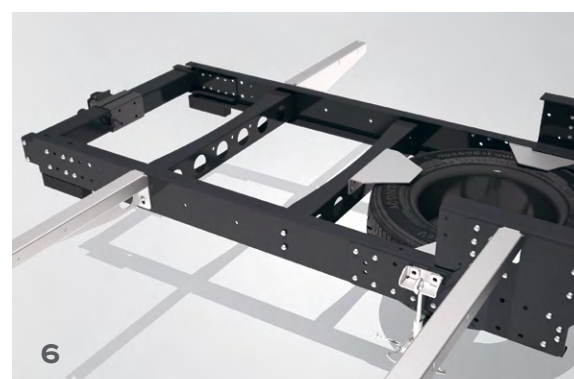


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In terms of innovation, we are setting new benchmarks.

Our engineers have implemented an overall safety concept for the Flair. The driver and passenger airbag, ESP and seatbelt pretensioners are now included as standard on all nine layouts in this series. The chassis has been modified to incorporate tailor-made improvements.



Lowered garage The new weight-optimised lowered garage makes it possible to add 100 kilograms of additional load.



Seat consoles 42 per cent lighter – and yet even stiffer. By reinforcing our seat consoles and optimising their weight, we were able to reduce their structural deformation during a crash by 95 per cent. Two built-in arrestor hooks in each seat console provide additional support in the event of an impact.



Seatbelt pretensioners To provide maximum safety, the seatbelts must restrain the occupants and tighten as early as possible. The integrated seatbelt pretensioners tighten the seatbelt in a fraction of a second to reduce the risk of injury.



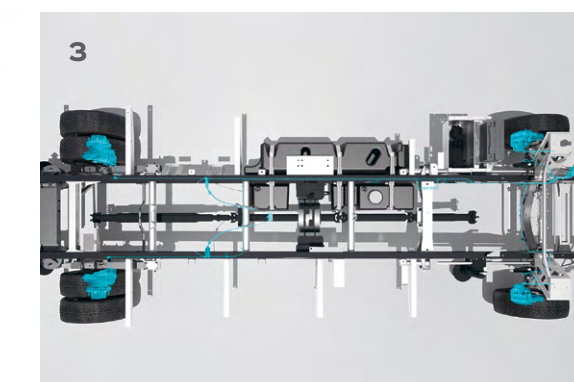
Pedal Release System Conventional pedals can injure the driver's legs in the event of a rear-end collision. Our pedal release system drastically reduces this risk – in the event of an impact, the pedals simply fold forwards out of the way.



Airbag An absolute first in the liner class – to ensure optimal protection during an impact, we have installed a driver and passenger airbag. We have ensured the system's capability via extensive testing and successfully completed crash tests involving both frontal and oblique impacts.



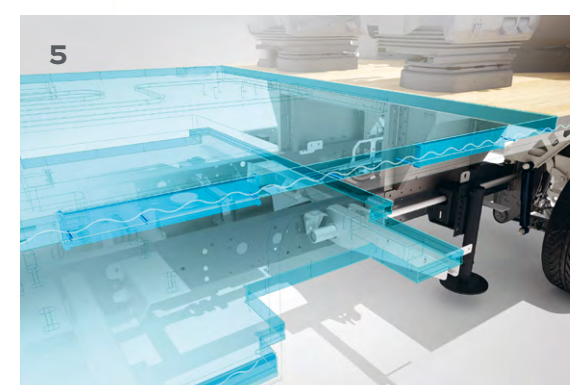
Bulkhead partition The new bulkhead design meets the highest safety requirements due to its higher stability and stiffness. The partition is constructed from glass fibre reinforced plastic and has been optimised via exhaustive computer simulations.



ESP The Electronic Stability Program (ESP) specifically brakes individual wheels to ensure the vehicle remains safely on course. The ESP on the Flair has been comprehensively tested and will be installed in all models as standard from model year 2018. Also available in combination with the optional air suspension.



Platform In order to provide our liner with a completely insulated interior floor, the entire driver's cab has been raised onto a platform. The construction consists of aluminium sandwich panels as well as canted steel plates and is specifically designed to handle the loads generated during a crash.



Side panels The double floor made from aluminium sandwich panels is screwed, glued and positively interlocked to the side panels on both sides. This results in an extremely stable solution, which scarcely deforms in the event of a crash.



