



Suspensions and components for

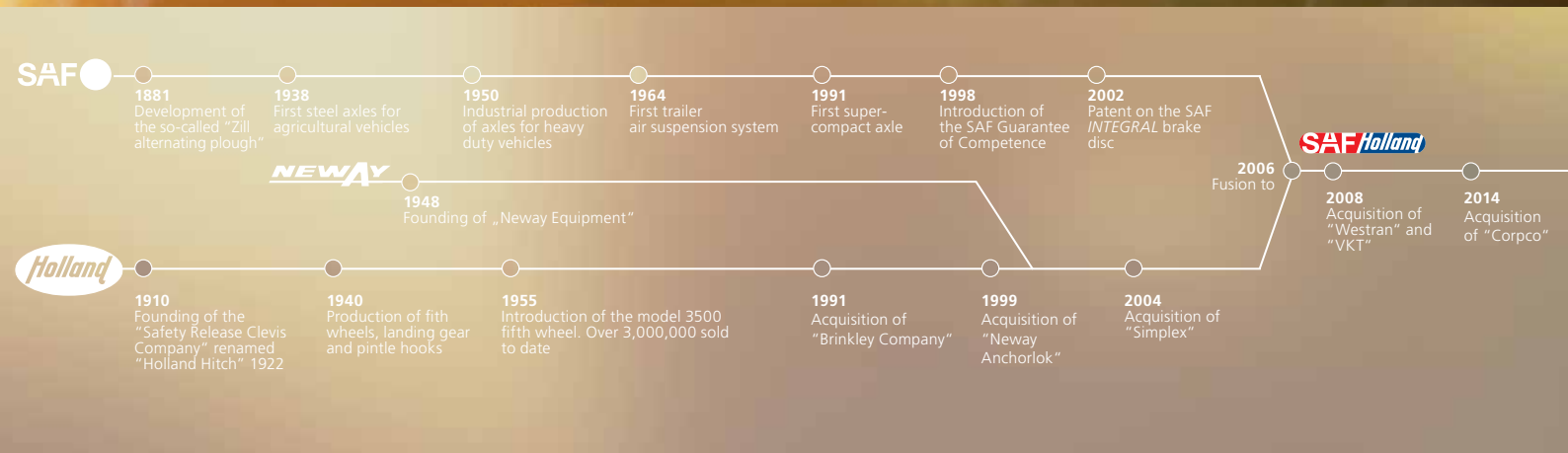
TIPPERS AND WALKING FLOOR TRAILERS



ALWAYS IN MOTION – WORLDWIDE.

As established partner of the industry and fleet operators, we at SAF-HOLLAND, are among the largest suppliers to the commercial vehicle market in Europe and are represented on six continents with a total of 28 locations. The wide range of products for trailers, semi-trailers, trucks and buses stands for high-quality, reliable and customised solutions. We adapt continuous product innovations to the appropriate market requirements with a forward-looking approach in the offroad area.

With tipper and walking floor trailers for example, the focus is on durability, low weight and the capability to compensate for changing loads when unloading. For you. And for safe transport.



TRADITION AND INNOVATION IN ONE

The merger of SAF and HOLLAND in 2006 combined two decisive companies with each other: SAF with headquarters in Germany and HOLLAND in North America. In the last 100 years, both placed the focus of their product development on the commercial vehicle sector. With decisive innovations for the sector, such as the first air suspension system for trailers, the first super-compact axle or also a specially developed fifth wheel, SAF and HOLLAND each set standards in the commercial vehicle industry.

As an innovative company, SAF-HOLLAND profits today from the wealth of experience of both companies and, in the past years, has developed into a leading manufacturer of chassis-related systems and components for trucks, trailer and buses. With more than 3100 employees, SAF-HOLLAND promotes innovations on all continents – always with a view towards the future and:

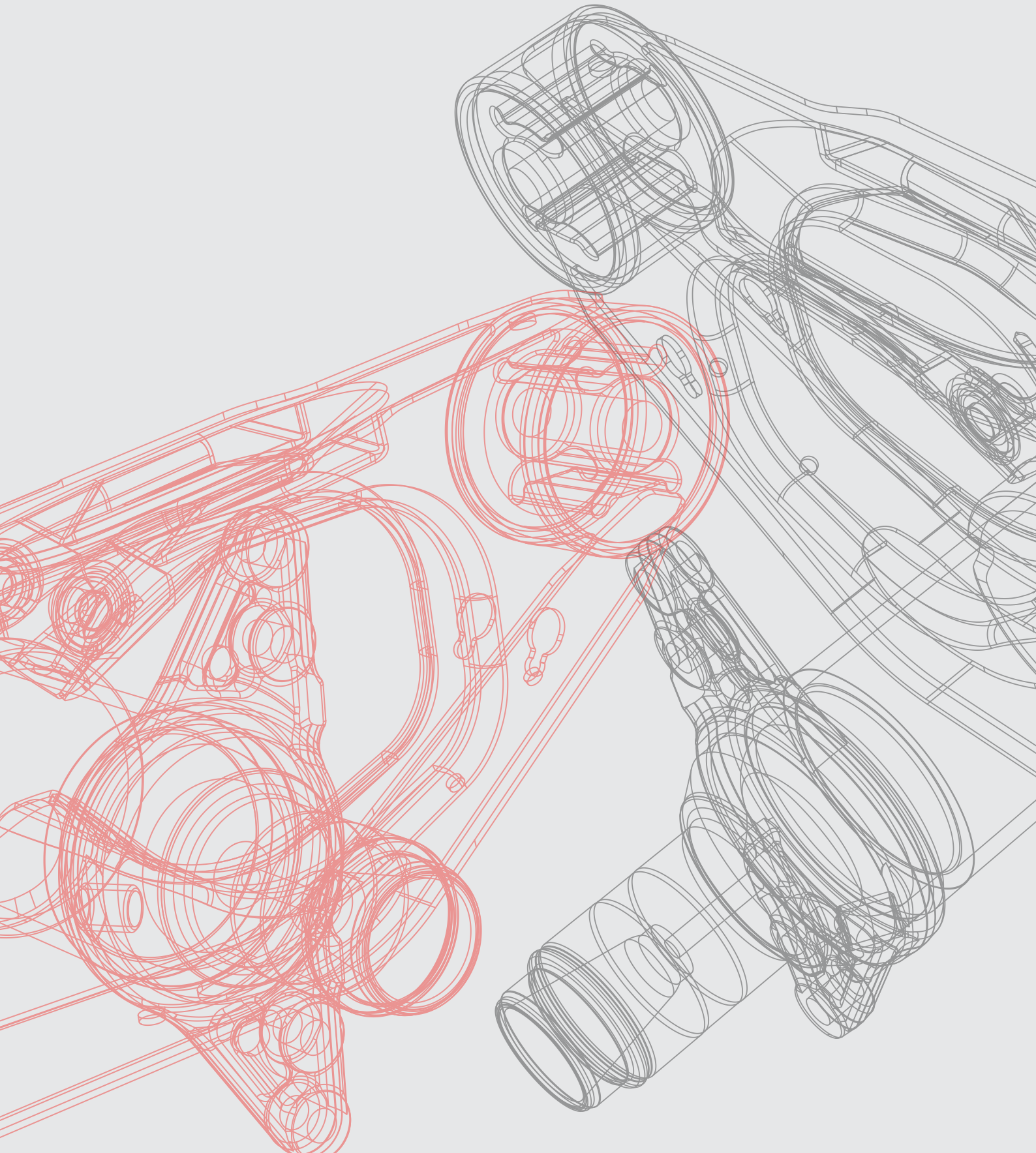
inspired by PASSION



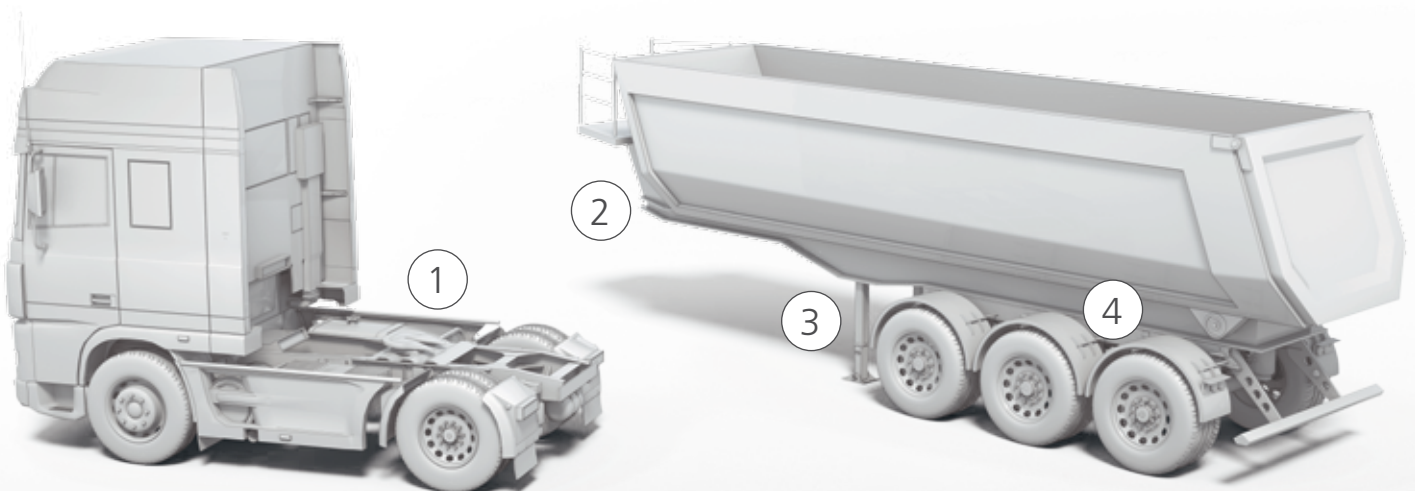
LESS WEIGHT GREATER SUCCESS

” Well thought-out transport solutions are a deciding factor in the offroad area. Weight and long service life are the key issues we deal with. SAF-HOLLAND – our established partner for many years – provides advice in this respect. And not just successfully, but with a clear perspective for success. “

*WHERE VISIONS
ARE REALITY*



TOP PRODUCTS FOR YOUR TIPPER OR WALKING FLOOR TRAILERS



1



Our **fifth wheels** are internationally known for their reliability. The **SK-S 36.20 series** made from spheroidal graphite stands for quality and high safety standards.

2

Our **kingpins** are safety-relevant trailer components that must satisfy the highest demands on the functional safety: Thus, using the **kingpin SAF 50S15**, a trouble-free operating sequence is ensured.



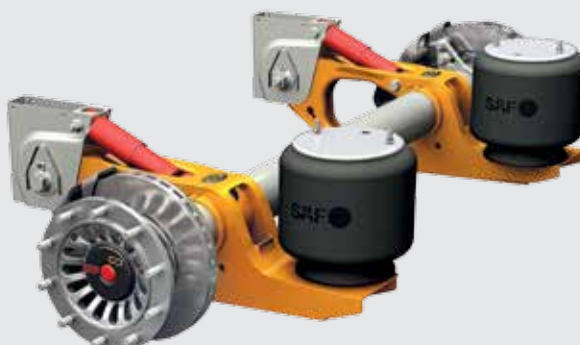
3

Our **landing gear** is easy to operate and works safely and reliably in the support load range of 15,000 kg.

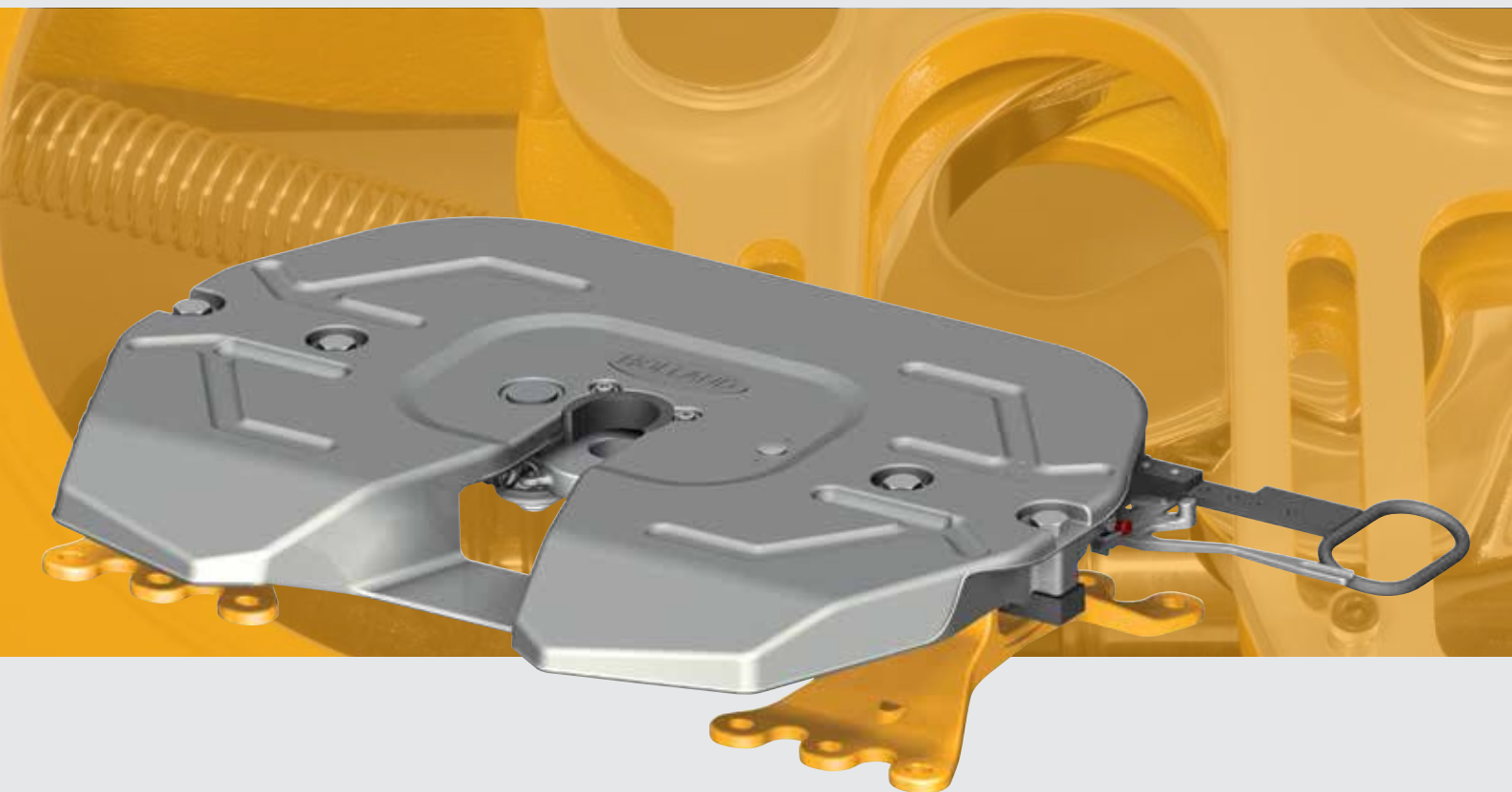


4

The **axles and suspension systems** with drum and disc brakes have been specially developed for high requirements. The **SAF INTRA CD** is particularly efficient and provides the greatest possible economy.



FIFTH WHEEL SK-S 36.20 SERIES LESS WEIGHT AND ROBUST



The particularly user-friendly, one-hand operation provides the maximum of safety and sets a new standard in the 20t class.

With the **SK-S 36.20** you are driving with the state-of-the-art technology. Particularly light and simultaneously robust, the 20t fifth wheel with the **easy one-hand operation** and automatic locking protection meets the increased safety standard.

Comprising of a **weight-optimised spheroidal graphite cast iron from** Georg Fischer, at an installation height of 150 mm, the fifth wheel is only 116 kg and, thus, is significantly lighter than comparable fifth wheels in the 20t class. During the development one of the objectives was to reduce the number of components – consequently the number of possible spare parts.

SAF KINGPIN 50S15

QUALITY AND DURABILITY IN ONE



Precise manufacturing with very high demand on quality: The rigorous checks at SAF-HOLLAND set new performance standards for the production of kingpins.

The **SAF kingpin 50S15** ensures the best quality that can be attained by rigorous checking during manufacture. Thereby, as a perfect connection between truck and trailer, the kingpin must, above all, be **absolutely reliable**.

Therefore, the forged connecting piece is subjected to the most stringent checks during machining and, also during the manufacturing phase, is repeatedly examined.

Each production step is precisely checked – also a detailed examination during the heat treatment is included as an important and for SAF-HOLLAND – routine check. This ensures uniformity of the kingpins, as well as their surface structure.

SAF DROP LEG



Particularly robust despite its low weight: the SAF Drop Leg is impressive thanks to its ease of handling and its versatile application.

Robust, economic, fast and suitable for trailers – the **SAF Drop Leg** is a small all-rounder.

With its low weight **it is quick and easy to operate** – and is so in any weather conditions. Additionally, with particularly finely graded drop-ping steps, adjustable Drop Leg simplifies daily handling.

Durable components, such as high-strength steel or the **special protection technology called BLACK ARMOUR**, make the Drop Leg particularly robust. The paint is applied like a coat and combines with metal molecules to form a chemical bond with the metal surface. That protects the SAF Drop Leg from aggressive environmental influences, while preventing corrosion.

SAF INTRA CD



Effectively optimised for specific transport requirements – the SAF INTRA CD is particularly suitable for demanding traffic routes.

With the **SAF INTRA CD** SAF-HOLLAND has developed an axle for offroad applications. Tried and tested globally, reliable and forward thinking **the SAF INTRA CD is a 9t air suspension system for special requirements.**

The designation CD indicates a new **performance dimension**: Axle tube and functional suspension arm are welded to form an inseparable, durable and completely maintenance-free unit here. The patented **SAFE-GUARD DESIGN** of the functional suspension arm protects the significantly reinforced shock absorbers and the brake cylinders from any damage.

REAL SERVICE FOR YOUR TIPPER AND WALKING FLOOR TRAILERS

SAF-HOLLAND relies on comprehensive service packages and planning safety from the first kilometer, as well as providing personal supervision, reassuring that you, as our valuable Customer, save your time and money. Irrespective of where you are, using our worldwide service network a competent contact person is available twenty-four hours a day. Our Service team offers good advice and quick, uncomplicated assistance – so that your trailer always remains in motion.

Select the suitable package and be sure:
You can rely on SAF-HOLLAND.





YOUR PRODUCT OVERVIEW:



TIPPER AND WALKING FLOOR TRAILERS

SUSPENSION

LANDING GEAR

FIFTH WHEEL

KINGPIN

STANDARD APPLICATION

SAF INTRA CD

Drop Leg

SK-S 36.20

50S15

HEAVY DUTY APPLICATION

SAF MODUL

SAF TITAN PRO

SK-S 36.20

50S15

DRIVEN APPLICATION

SAF INTRA TRAK

Drop Leg

SK-S 36.20

50S15

ROAD CONSTRUCTUION APPLICATION

SAF INTRA CD
(road finishing
machine)

Drop Leg

SK-S 36.20

50S15

FURTHER ALTERNATIVES

SUSPENSION

LANDING GEAR

FIFTH WHEEL

KINGPIN

SAF INTRA DRUM

SAF TITAN

SK-S 36.20 NoLube

50S18

SAF MODUL

SAF ATLAS

FW 3510

For more detailed information, refer to our product brochures.
For these, please contact your SAF-HOLLAND field representative
or write an e-mail to fleetconnect@safholland.de



WE THINK AHEAD – not because we must, but because it is important to us. In our company-wide initiative, we show what we can attain together. Thereby, the topics **environment, people and energy** are the focal points. Also during production we observe sustainability and only work using selected printers that can ensure conscious interaction. Also when selecting the paper for our brochures, we only use materials made from FSC-certified forests or recycling material from controlled sources. For more about our initiative, refer to **www.we-think-ahead.org**



TRAILER AXLES AND
SUSPENSION SYSTEMS



COUPLING AND LIFTING
TECHNOLOGY



SUSPENSIONS FOR
TRUCKS AND BUSES

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