



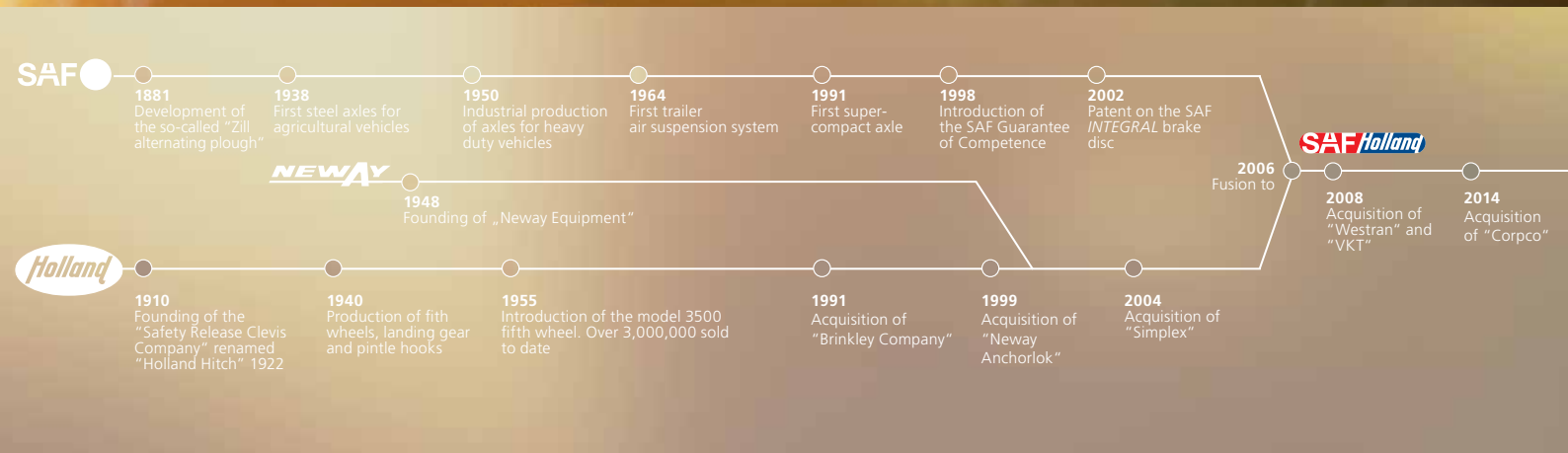
Suspensions and components for

LOW-LOADER AND HEAVY DUTY TRANSPORT



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 customer-oriented solutions. Thereby, we adapt continuous product innovations to the appropriate market requirements oriented to the future. We are well equipped with our product solutions and systems, especially for high quality vehicles such as low-loaders and heavy duty transport which, above all, must be manoeuvrable and agile in tight bends. For you. And for your 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





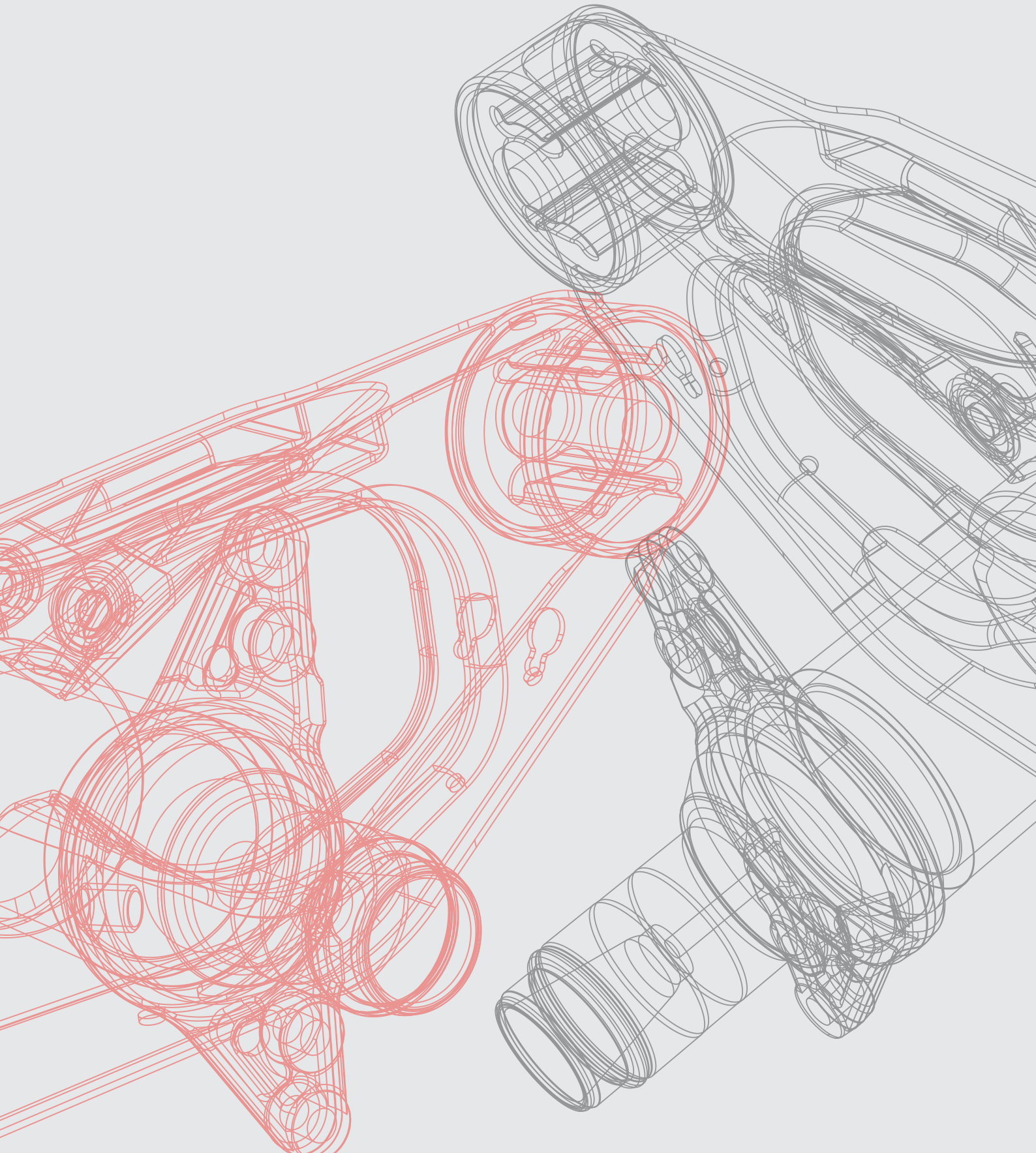
ROBUST AND AGILE

” Long routes and narrow bends – those are the greatest challenges which we face every day with our low-loaders and heavy duty transporters. Quality and, thus, also the greatest possible protection against failures are deciding factor for me. With SAF-HOLLAND, we have an established partner on our side who not only competently advises, but is also always convincing with high-quality and durable products.

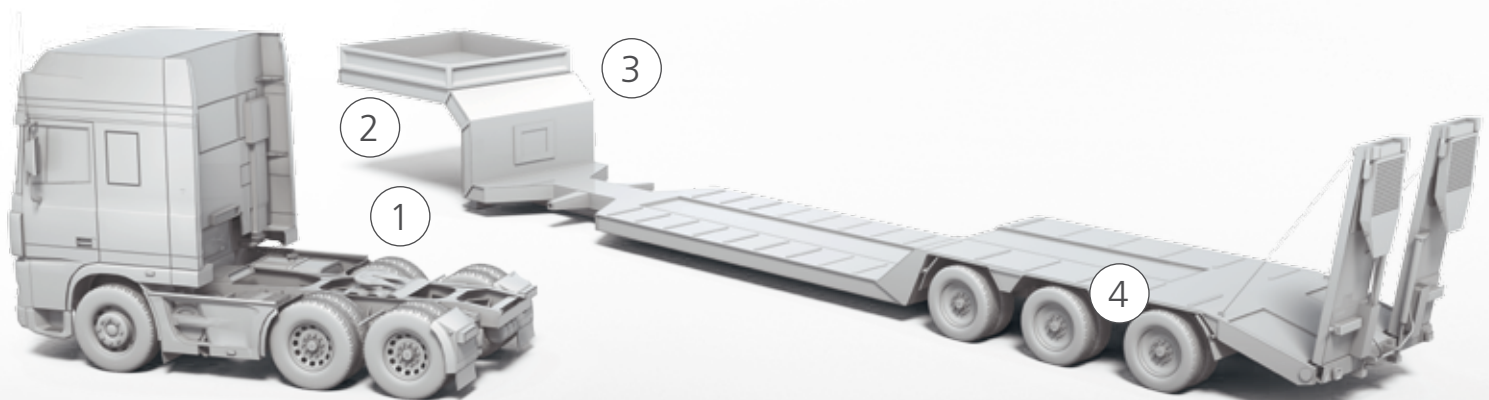
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*WHERE VISIONS
ARE REALITY*



*TOP PRODUCTS FOR YOUR
LOW-LOADER OR HEAVY DUTY
TRANSPORT*





1

Our **fifth wheels** are internationally known for their reliability. Thereby, the **SK-HD 38.36 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 in terms of functional reliability: Thus, using the **kingpins SAF 90S15**, a trouble-free operating sequence is ensured.



3

Our landing gear **TITAN Pro** is easy to operate and works safely and reliably under all operating conditions in the support load range of 15,000 kg to 55,000 kg.



4

The **axles and suspension systems** with drum and disc brakes, have been specially developed for high requirements. Thereby, the **12t MODUL** is particularly efficient and provides the greatest possible economy.



FIFTH WHEEL SK-HD 38.36

QUALITY AND SAFETY



The SK-HD 38.36: robust and at the same time user-friendly due to quick conversion options.

Specially developed for the heavy duty sector, the **SK-HD 38.36** has an extremely robust coupling plate made from cast steel. This sits on a **permanent and maintenance-free bearing**.

Special: Reversible conversion from 50 mm to 90 mm is possible instantly, as well as later adjustment of the play at the lock. Simultaneously, the **easy adjustment of the lock makes** handling the SK-HD 38.36 in practice particularly easy.

SAF KINGPIN 90S15 TOP QUALITY AND ROBUST



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

The robust **SAF kingpin 90S15** is rigorously checked during manufacture, ensuring the best quality. Thereby, as a perfect connection between truck and trailer, the kingpin must, above all, the Thing: **absolutely reliable.**

Therefore, the forged connecting piece is subjected to the most stringent checks during machining and,

also it is repeatedly examined through the whole manufacturing process.

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

SAF TITAN PRO PREMIUM LANDING GEAR DURABLE AND EXTREMELY RESILIENT



Absolutely compensated: The specially developed compensating foot and patented floating mounted spindle nut withstand extreme thrust and transverse forces.

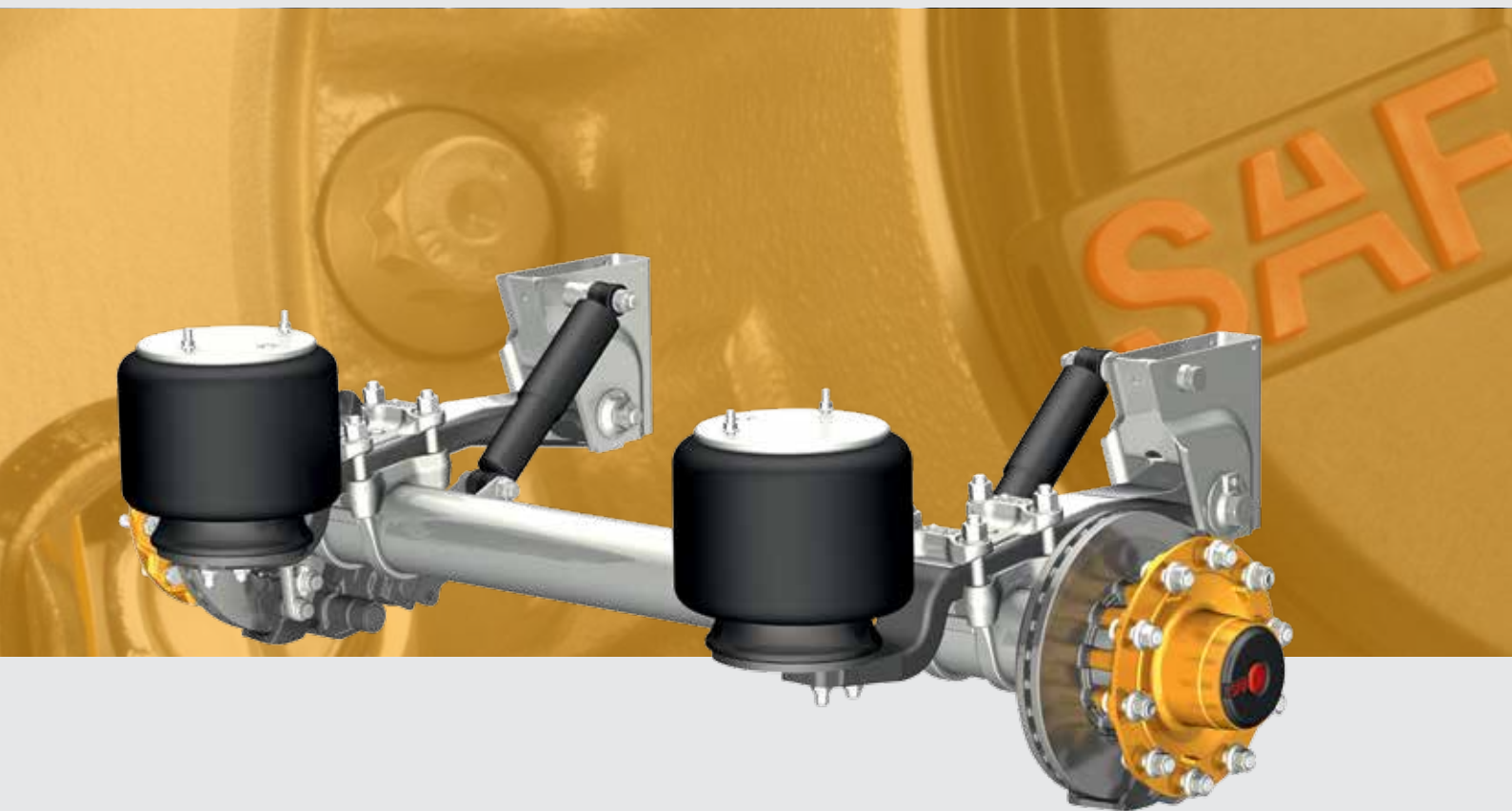
Whether during coupling and uncoupling or when loading the trailer with heavy loads – the fields of application of the **SAF TITAN PRO** are diverse. Thereby, the specially developed landing gear is ideally suitable to compensate for large thrust and transverse forces.

The **compensating foot** of the SAF TITAN PRO absorbs the thrust forces and can move forwards

and rearwards up to 125 mm. Also the **SAF-HOLLAND patented FloatingNut** – not only compensates thrust forces, but also transverse forces allowing for a movement of 55 mm without deformation of the elevating screw.

This particularly reinforced protection of the elevating screw makes the SAF TITAN PRO the proven premium landing gear.

SAF 12T MODULE FOR EXTREME LOADS



Less wear with more kilometres: The 12t air suspension system can be used with the option of disc or drum brake.

Specially designed for heavy duty transport, it is the **SAF 12t Module** suspension connected to the one axle of special type. The 12t air suspension system is available with disc as well as with drum brake. At the same time it provides for practical options for a single or twin tire combination.

Absolutely customized for your transport tasks, the SAF 12t Module provides for a **high payload**

due to the use of weight-optimized and robust components.

Thereby, the robust design and **maintenance-free wheel bearing technology** of the 12t air suspension system now provides the user with significantly more safety and a long service life of the products.

REAL SERVICE FOR YOUR LOW-LOADER OR HEAVY DUTY TRANSPORT

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:



LOW-LOADER AND HEAVY DUTY TRANSPORT

SUSPENSION

LANDING GEAR

FIFTH WHEEL

KINGPIN

LOW-LOADER

12t MODUL

SAF TITAN PRO

SK-HD 38.36

90S15

LOW-LOADER HEAVY DUTY

SWIVEL AXLES

SAF TITAN PRO

SK-HD 38.36

90S15

HEAVY-DUTY TRANSPORT

12t MODUL

SAF TITAN PRO

FW0165

90S15

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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