



Suspensions and components for

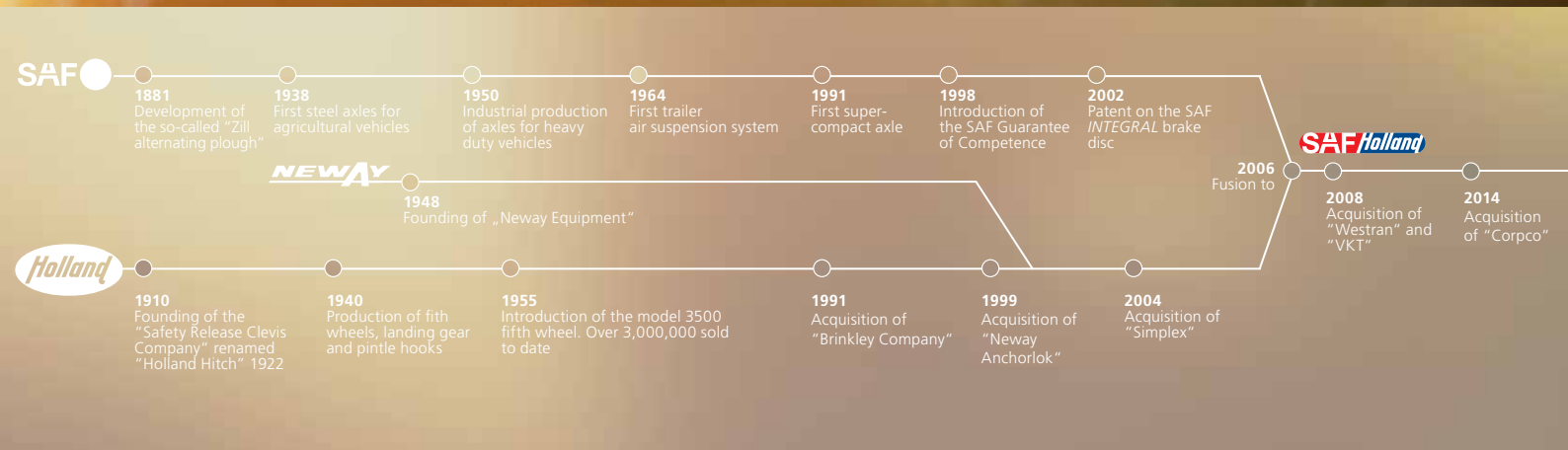
TANKERS AND SILO TRAILERS



*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, such as tankers and silo trailers, stands for high-quality, reliable and customised solutions. We therefore adapt continuous product innovations to the appropriate market requirements geared to the future. A high mileage and longevity of components is a deciding factor, especially for high quality tankers and silo trailers that are used for many years.

We continue to think, always with the aim of best supporting you for your transportation.



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

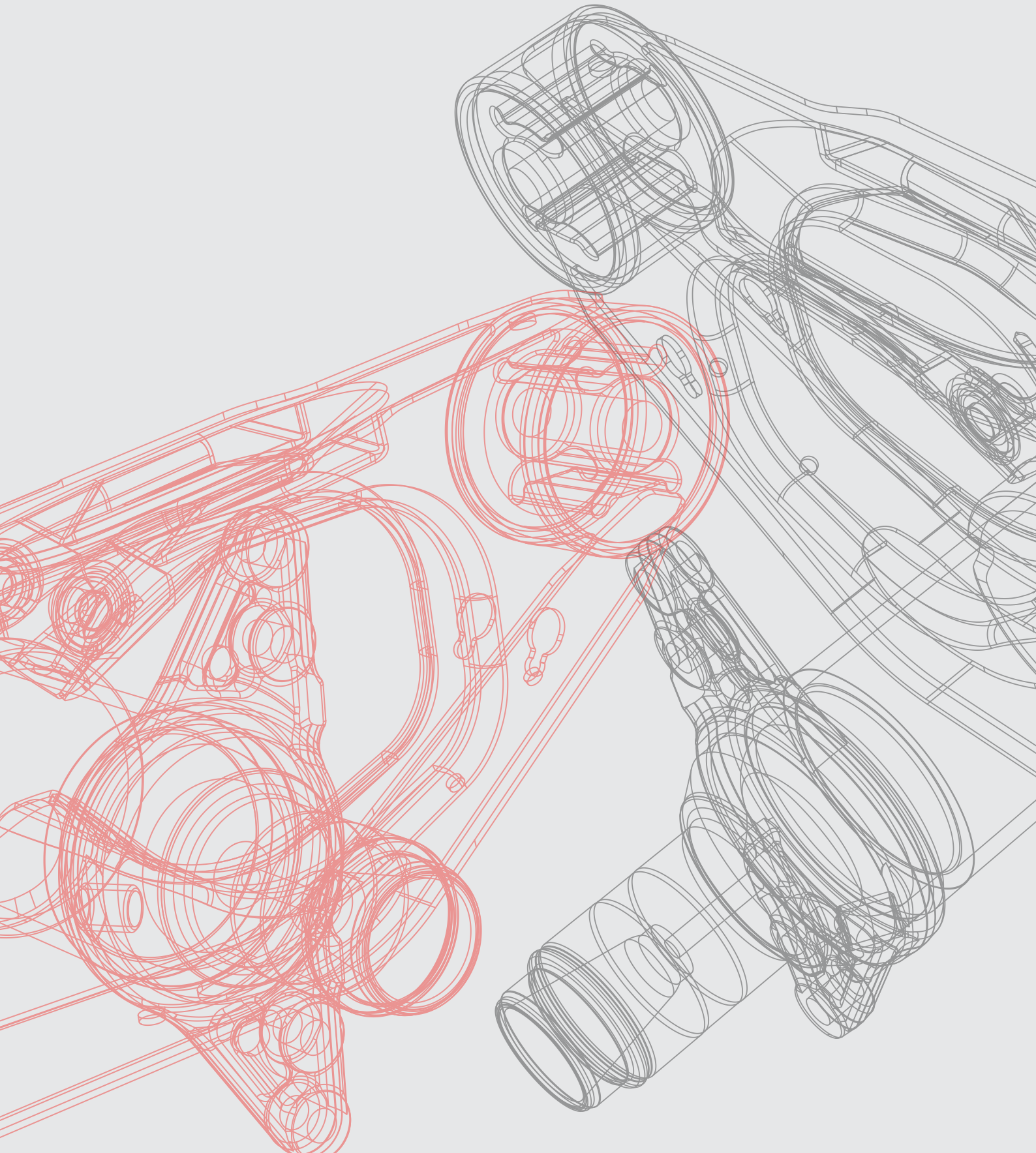




WHAT COUNTS IS QUALITY

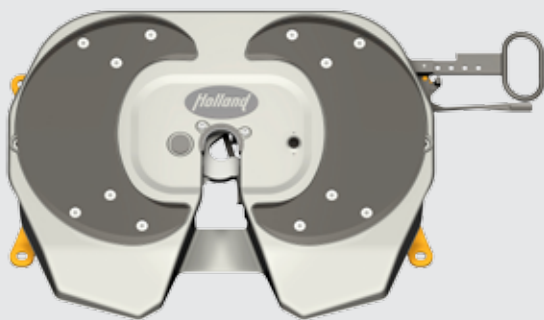
” For my tankers and silos I count on reliability, as the high initial investment simply has to pay back. Products that guarantee quality and long service life are therefore particularly important. With SAF-HOLLAND as a partner for many decades at our side that is guaranteed – successfully and for the long term. “

*WHERE VISIONS
ARE REALITY*



TOP PRODUCTS FOR YOUR TANKERS OR SILO TRAILERS





1

Our **fifth wheels** are internationally known for their reliability. With the **SK-S 36.20 NoLube** we are going one step further: from now on no further lubricant is required – that is not only more economic but also protects the environment.

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 **TITAN** is easy to operate and works safely and reliably 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 to meet the stringent requirements. **SAF INTRADISC plus INTEGRAL** is particularly efficient and provides the greatest possible economy.



FIFTH WHEEL SK-S 36.20 NOLUBE LESS WEIGHT AND WITHOUT GREASE



The grease-free HOLLAND NoLube technology offers many new possibilities:
The 20t class is especially light and lubricant free and sets new standards.

With the **SK-S 36.20 NoLube** you are driving on state-of-the-art technology – not only the special **NoLube wear plate** on the top but also the NoLube components in the locking mechanism that can be used without any grease. The bearing inserts between fifth wheel plate and the mounting brackets remain grease-free, too. That makes the use particularly ecological and economic. From now on it is no longer necessary to buy, stock or top up and monitor lubricant.

At the same time, the SK-S 36.20 NoLube is among the particularly light fifth wheels. Consisting of a **weight-optimised spheroidal graphite cast iron** by Georg Fischer it 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 highest 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. Therefore, 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 repeatedly examined during the manufacturing phase.

Each production step is precisely checked – also a detailed examination during 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 TITAN 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 coupling or uncoupling or in the event of pressure loss of the air suspension after uncoupling – the application areas of **SAF TITAN** are wide-ranging. At the same time, the specially developed landing gear is ideally suitable to compensate for large thrust and transverse forces.

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

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

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

SAF INTRADISC PLUS INTEGRAL WITH PATENTED INTEGRAL TECHNOLOGY



Less wear with more kilometres: the 9t air suspension system with disc brake for 19.5 inch and 22.5 inch, is up to the challenges of the commercial vehicle sector.

With the **SAF INTRADISC plus INTEGRAL** SAF-HOLLAND developed a particularly low-maintenance axle. The INTRA suspension with low weight has already proven itself a million times – nationally and internationally.

Also the special **INTEGRAL technology** now provides significantly more: for the first time worldwide in the trailer sector, SAF-HOLLAND uses a two-part disc brake rotor that is

manufactured in compound casting from different materials. Disc and adapter expand radially during the braking process and, while cooling down, again retract radially.

This **patented design principle** therefore extends the service life of pads and disc. A zinc-plated axle and a **10-year anti-rust perforation guarantee** offer optimum corrosion protection.

REAL SERVICE FOR YOUR TANKER AND SILO TRAILER

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:



TANKERS AND SILO TRAILERS

SUSPENSION

LANDING GEAR

FIFTH WHEEL

KINGPIN

STANDARD APPLICATION

SAF INTRADISC
plus INTEGRAL

SAF TITAN

SK-S 36.20 NoLube

50S15

HEAVY DUTY APPLICATION

SAF INTRA CD

SAF TITAN

SK-S 36.20 NoLube

50S15

FURTHER ALTERNATIVES

SUSPENSION

SAF INTRADISC
Airvent

SAF INTRA
Steering Axle

SAF MODUL

LANDING GEAR

SAF TITAN Pro

SAF ATLAS

Drop Leg

FIFTH WHEEL

SK-S 36.20 NoLube

FW AL-E

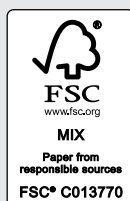
SK-S 36.20

FW 3510

KINGPIN

50S18

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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