



SAF-HOLLAND Group

HOLLAND KOMPENSATOR®

FIFTH WHEEL MOUNTING BASES



THE SOLUTION FOR TORSIONAL STRESS DAMAGE
EXPERIENCED BY RIGID TRAILERS



SAF-HOLLAND Group

KOMPENSATOR®

Two Kompensator mounting base models with two different fifth wheel top plates are available to meet your application requirements.

STANDARD CAPACITY

FW35

25 tons max. vertical load



EXTRA CAPACITY

FW7040

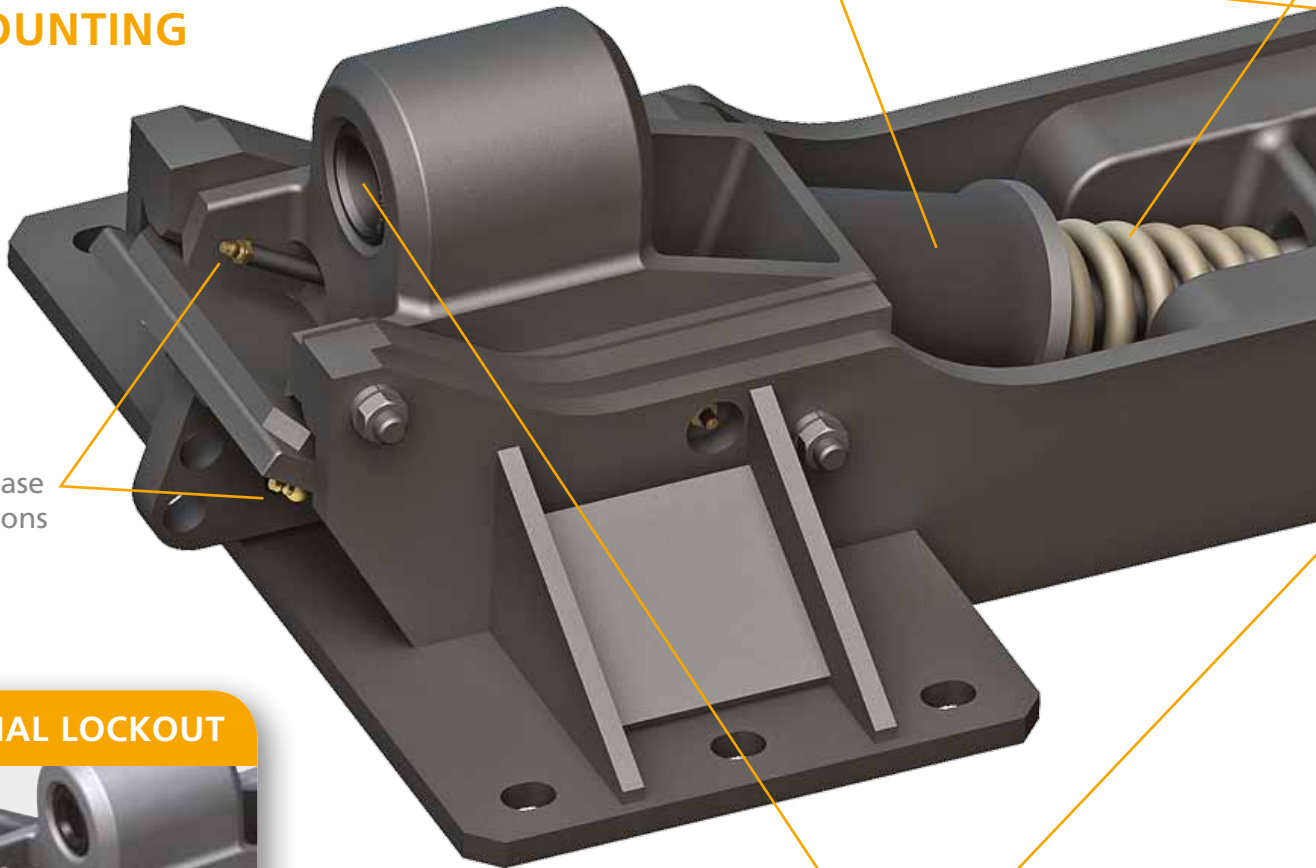
32 tons max. vertical load



OUTBOARD ISO MOUNTING BASE

Urethane cushions

Multiple grease fitting locations



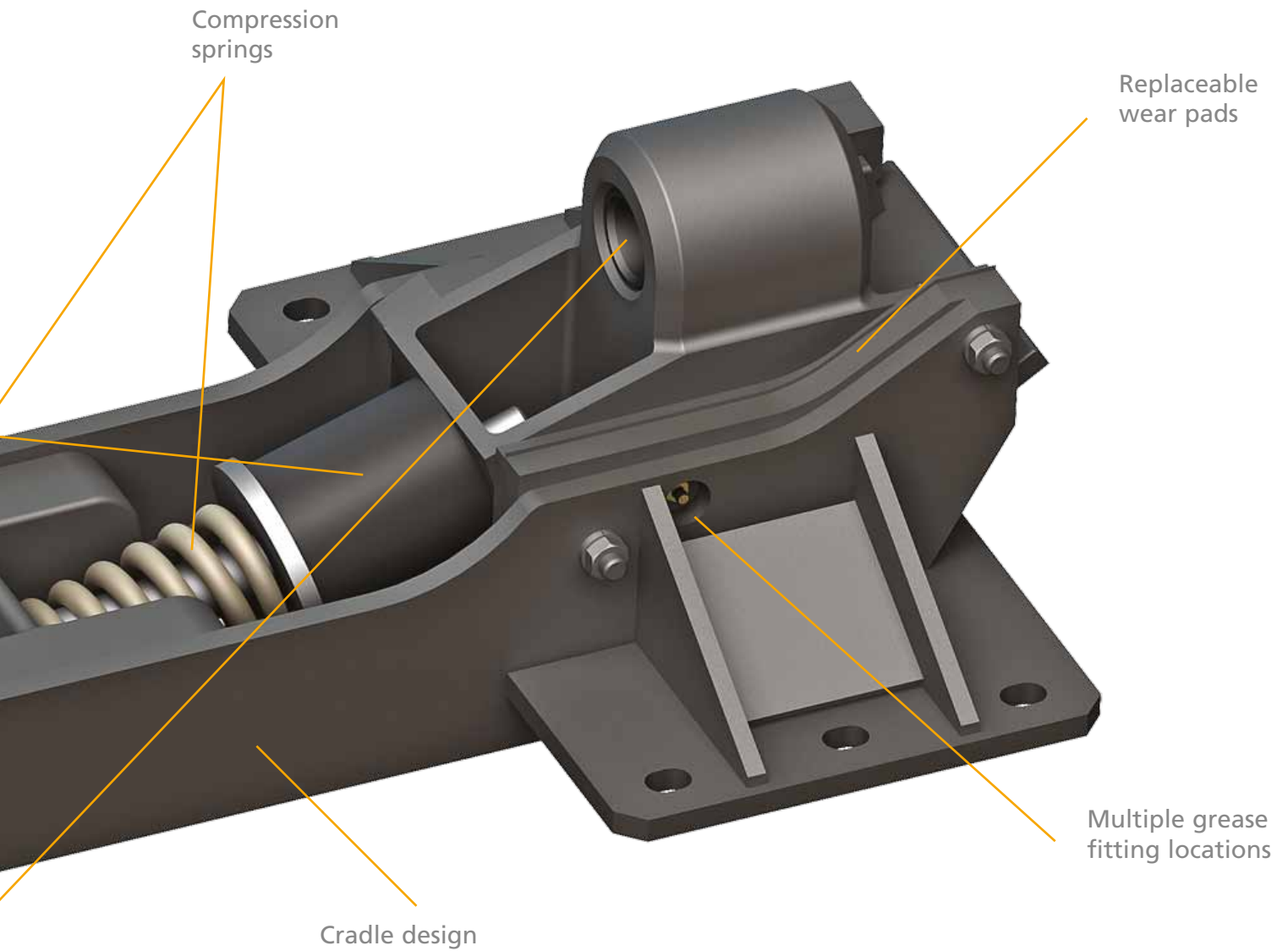
"Up-Shock" rubber bushings

OPTIONAL LOCKOUT

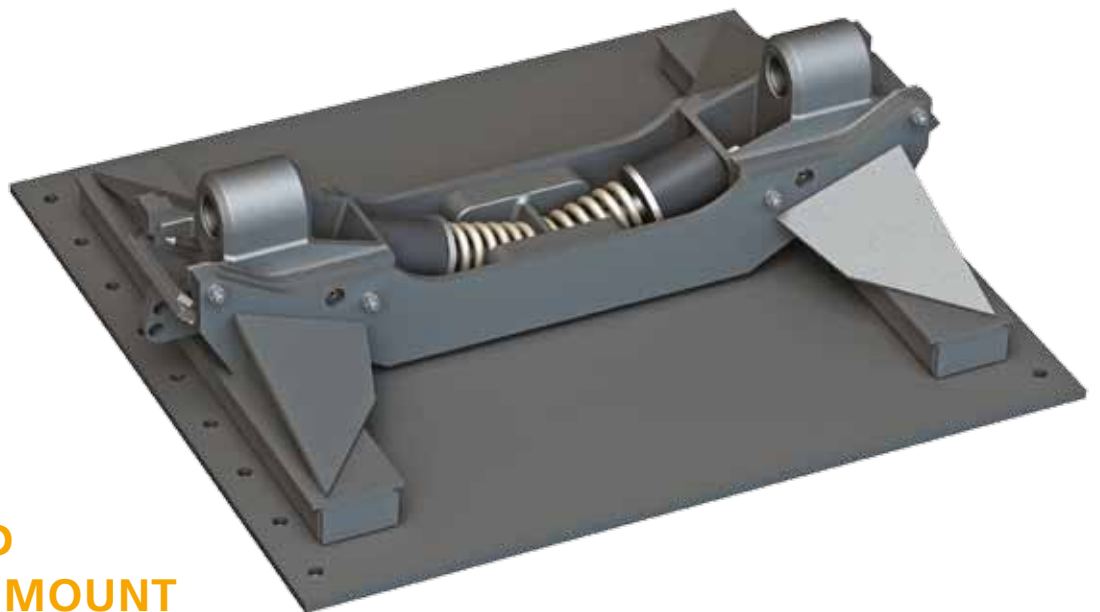


- Available on both models.
- Optional lockout can be engaged when side-to-side compensation is not desired.

MOUNTING BASES



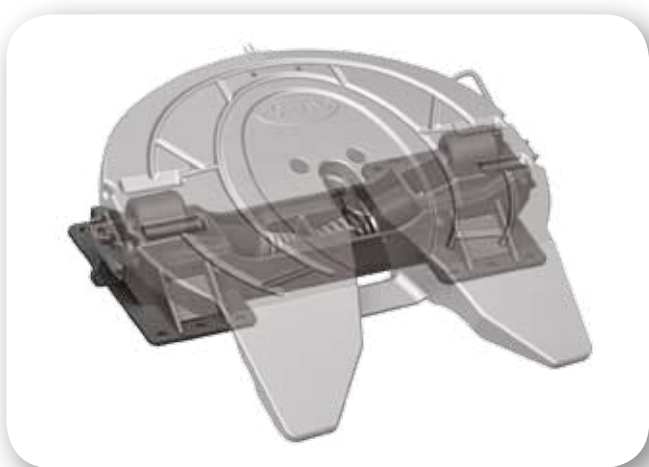
**OUTBOARD
INTEGRATED
FULL PLATE MOUNT**



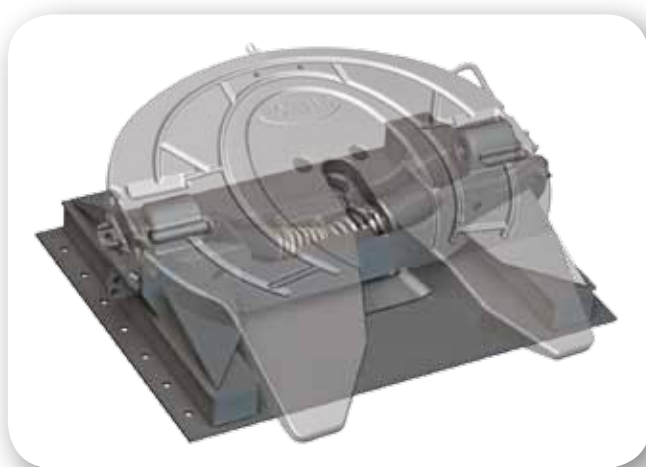
KOMPENSATOR® WITH FIFTH WHEEL ASSEMBLY MODELS

STANDARD CAPACITY

OUTBOARD ISO MOUNT		
MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35-7743XR	246 mm	221 kg



OUTBOARD INTEGRATED FULL PLATE MOUNT		
MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35-7726XR	324 mm	299 kg
FW35-7727XR	324 mm	295 kg
FW35-7729XR	248 mm	266 kg

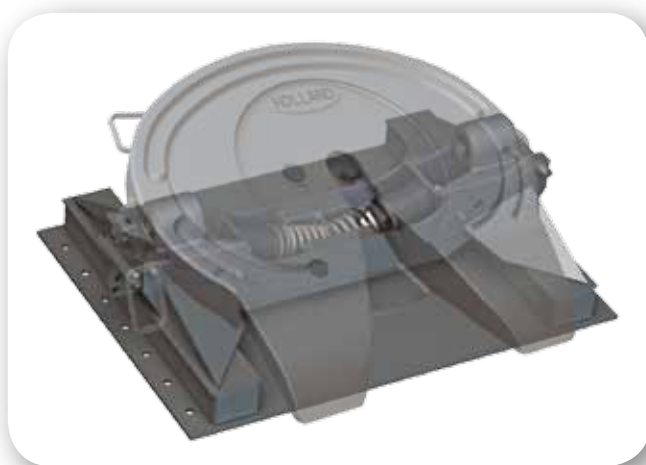


EXTRA CAPACITY

OUTBOARD ISO MOUNT		
MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW7E40-A	244 mm	264 kg



OUTBOARD INTEGRATED FULL PLATE MOUNT		
MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW7040-7776XR	327 mm	379 kg
FW7040-7777XR	302 mm	372 kg
FW7040-7779XR	251 mm	340 kg



THE ANSWER TO RELIEVING TORSIONAL TRAILER STRESSES



Kompensator fifth wheel mounting bases are designed for use with torsionally rigid trailers such as tankers, drybulk, bottom dumps, grain and B-trains. The Kompensator is available in stationary or sliding models with a choice of FW35 Series and FW7040 Series top plates.



HOLLAND Kompensator mounting bases are intended for applications where the center of gravity of the loaded semi-trailer does not exceed 1 meter above the top surface of the fifth wheel.

PROBLEM:

When torsionally rigid trailers encounter uneven terrain, tight turns or curbs, they do not flex to relieve the twisting force experienced between tractor and trailer (see *Figure 1*). This places great strain on tractor and trailer frames, tank and tires that leads to frame cracks, leaky tanks and premature drive tire wear.

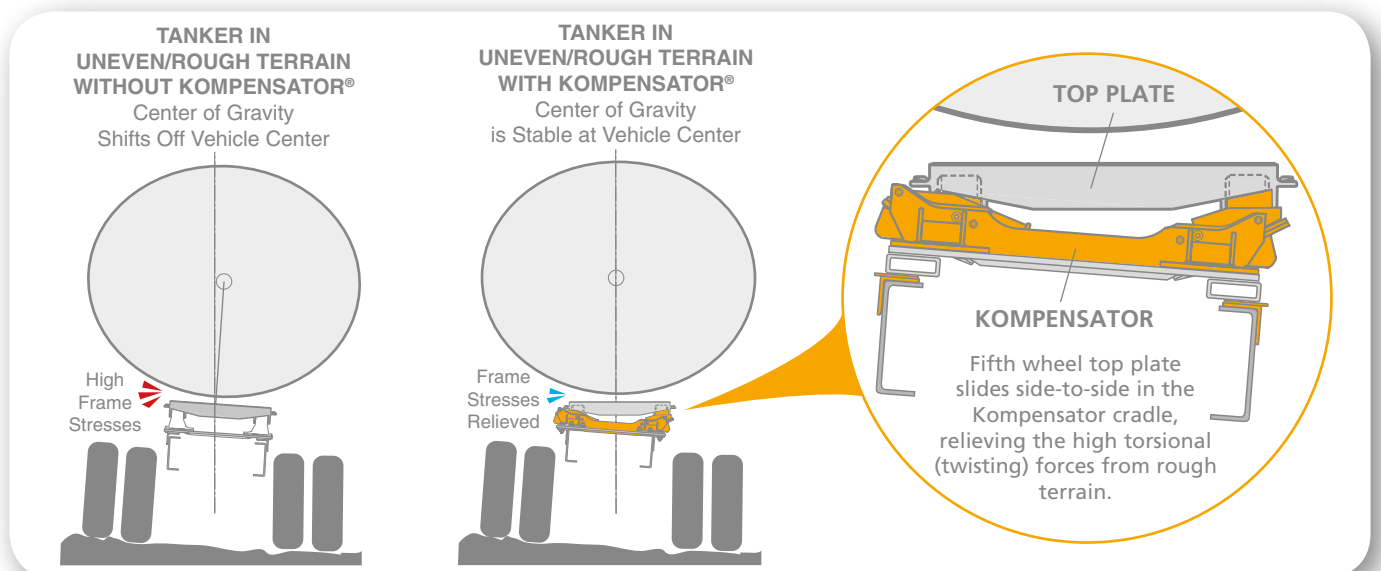
Figure 1



SOLUTION:

Holland's Kompensator® provides the torsional stress relief that rigid trailers require. The unique cradle design (see *Figure 2*) provides side-to-side compensation and allows more flexibility between tractor and trailer by reducing torque and twist transfer through the fifth wheel.

Figure 2



In 2006, the German trailer axle and suspension manufacturer SAF and the North American OEM for commercial vehicles, Holland Group Inc., merged to form SAF-HOLLAND, one of the leading suppliers for the global commercial vehicle industry.

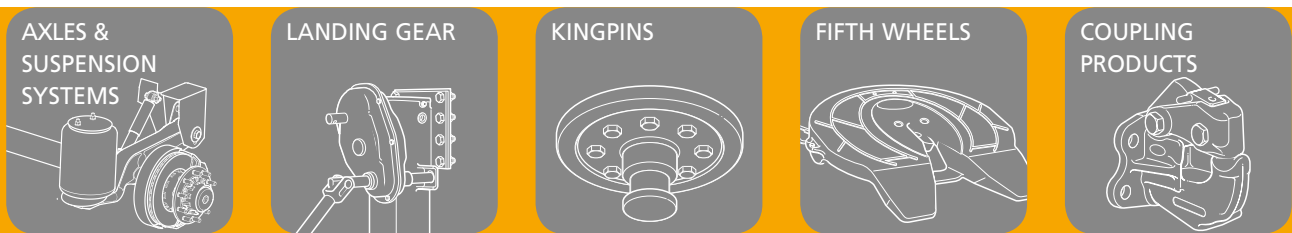
SAF-HOLLAND distributes axle and suspension systems for trailers and semi-trailers, kingpins and landing gear as well as fifth wheels for tractors, air suspensions, coupling products and numerous other components for buses and trucks under the brand names SAF, HOLLAND, GF, TRILEX and NEWAY.



Following the merger in 2006 of global industry leaders, Otto Sauer Achsenfabrik GmbH (SAF) and The Holland Group, Brazil was the first country in the world to establish a new SAF-HOLLAND manufacturing facility. Operating as SAF-HOLLAND do Brasil, in 2007 a plant was constructed in Jaguariúna, Brazil, near São Paulo.

SAF-HOLLAND do Brasil manufactures components and systems that are consistent with the high quality of engineering and technological advantages that are the hallmarks of all SAF-HOLLAND products. SAF-HOLLAND do Brasil serves the demands of its regional marketplace with components and systems engineered specifically for its regional applications. The product line includes rigid axles, self-steering axles, air suspensions, landing gear, fifth wheels, kingpins and couplings. It also looks to the future with the introduction of new products and systems, such as disc brake technology.

HIGH QUALITY COMPONENTS FOR THE COMMERCIAL VEHICLE INDUSTRY



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SAF-HOLLAND do Brasil

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