





FIFTH WHEELS













HOLLAND FIFTH WHEELS

SAF-HOLLAND[®] The reliable connection between tractor and trailers develops and HOLLAND fifth wheels have been the market leading, globally manufactures recognized fifth wheel for over 100 years. No compromises, no innovative, excuses... HOLLAND fifth wheels are designed with the most high-quality advanced testing in the industry; built with superior manufacturing connections technology and are backed by industry leading service support. With the most compromise product line in the world, there is a HOLLAND fifth wheel designed specifically for your application. From the frigid roads of Canada, to the blistering oil fields of the Middle East, to the outback of Australia, HOLLAND fifth wheels have been proven around the world.



HOLLAND fifth wheel performance guarantee We stand behind our products. HOLLAND fifth wheels are the only fifth wheels in the world guaranteed for reliability and performance, as well as workmanship and material. What does the Performance Guarantee mean for you?

For the stated Performance Guarantee period:

- The HOLLAND fifth wheel is guaranteed to provide maximum operation performance.
- In the unlikely case of wear requiring lock mechanism replacement, SAF-HOLLAND will cover the cost of parts, labor and freight.*
- * Refer to the specific model warranty for full details.

HOLLAND fifth wheel solutions for every corner of the globe.

MOST COMPREHENSIVE FIFTH WHEEL PRODUCT LINE IN THE WORLD

From lightweight standard duty on-highway applications, to the most extreme environments known to man; there is a HOLLAND fifth wheel for you. With the most comprehensive fifth wheel product line in the world, only SAF-HOLLAND can offer uncompromising solutions specifically for your application.





HOLLAND FIFTH WHEELS OVER 100 YEARS OF COUPLING INNOVATION

lighter weight design Becomes the FW-2009



mechanized farm tractors. model are sold. In 1922 company to Holland, Michigan and the company



the closest competitive fifth wheel model.

is designed to work with the FW70 in

HOLLAND FW35 SERIES APPROVED FOR STANDARD-, MODERATE- AND SEVERE-DUTY

HOLLAND FW35 – THE WORLD'S MOST VERSATILE AND PROVEN FIFTH WHEEL

The HOLLAND FW35 is designed with over 50 years of proven fifth wheel engineering and testing. With more features, options and applications than any other fifth wheel on earth, the FW35 is the ideal solution for most tractors. Optimize your fleet or stock trucks with the fifth wheel that has stood the test of time and still remains the proved leader.



INDUSTRY LEADING! 6 Years

600,000 Miles The HOLLAND FW35 Series is guaranteed for 6 Years/600,000 Miles to provide maximum operation performance.

In the unlikely case of wear requiring lock mechanism replacement, SAF-HOLLAND will cover the cost of parts, labor and freight.* *Refer to warranty XI-FW10040WC for full details.

CAPACITY 55,000 lbs. (25,000 kg) Maximum Vertical Load 150,000 lbs. (68,000 kg) Maximum Drawbar Pull



HOLLAND

Easy Lock Adjustment

With infinite adjustment positions improves lock and kingpin durability.

Visible Lock Indicator

Provides the driver with a clear visual indication – the shaft fully retracts when lock mechanism is properly closed around the kingpin.

E-Z Grip[™] Release Handle

Requires minimum effort and drop design protects handle from damage caused by kingpin during a missed couple. Provides automatic secondary lock to assure safety.



Precision TwinLock[™] Mechanism is Designed for Strength and Reliability

HOLLAND exclusive twin locks are built as one single piece of forged, machined, hardened steel then cut in half to create symmetrical locks that completely encompass the kingpin for enhanced assurance and reliability; protects against highcoupling. A greater kingpin-to-lock jaw contact area and casting design eliminates need for kingpin contact wear ring.





NoLube

Articulation Pocket Liners are standard.

Cast Steel Top Plate

Optimized casting process for maximum strength to weight ratio.

MODEL OPTIONS



LOWLUBE TECHNOLOGY See page 14



ICR AIR LOCK RELEASE See page 16



NO-TILT MOUNTING See page 19





SEVERE-DUTY **KOMPENSATOR MOUNTING** See page 20

HOLLAND FW35 ELI-TE[™] ELECTRONIC LOCK INDICATOR -**TECHNOLOGY ENHANCED**

ELI-te[™] assists the driver with LED lights on the fifth wheel to allow for quick recognition of a successful or failed coupling attempt. Drivers no longer need to guess on the success of the couple. ELI-te prevents potential mistakes before they happen.

The ELI-te feature provides a technology enhanced solution to fleets looking to provide their drivers with user friendly assistance that enhances coupling efficiency, driver confidence, and safety.

- Successful couplings trigger white LED lights to assist the driver with visual lock inspection prior to performing a tug test.
- Unsuccessful coupling triggers flashing red LED lights to notify the driver of an issue prior to tug test.
- Promotes consistent and thorough driver coupling inspections.
- Robust electrical components: sealed onepiece harness, long-life LED lights, durable inductive sensors, and steel encased logic module ensure reliable operation in the toughest conditions.
- Superior FW35 Series TwinLock reliability enhanced with intelligent logic and interactive LED lights to assist with coupling inspections.
- ELI-te option for the FW35 Series is user friendly, requires minimal maintenance, and is backed by a 2-year warranty.



FAILED COUPLING – In the case of a failed coupling attempt, bright red flashing LED lights assist the driver to quickly recognize a potentially costly mistake before attempting a tug test or driving away.



efficiency and safety.

SUCCESSFUL COUPLING - A successful couple triggers highintensity white LED lights, strategically aimed at the kingpin and lock for enhanced visibility during the inspection process, especially in poor weather and low-light conditions.

HOLLAND FWAL THE WORLD'S LIGHTEST FIFTH WHEEL

RELIABLE AND PROVEN TECHNOLOGY

Combine the proven reliability of HOLLAND fifth wheels with the leading technology of ALCOA forged aluminum, and the most innovative, lightweight fifth wheel in the world is created. Designed using master engineering, forging and machining technology, the FWAL is performance inspired to save weight and increase your bottom line with larger payloads.

LOWLUBE MAINTENANCE SAVINGS

The FWAL LowLube design feature eliminates the use of grease on the top plate surface and between the top plate and bracket, reducing lubrication cost and time, extending maintenance intervals, and improving driver productivity while improving your bottom line.



5 Years 500.000 Miles

In the unlikely case of wear requiring lock mechanism replacement, SAF-HOLLAND will cover the cost of parts, labor and freight*

- Lube Plates carry a 2 Year / 200,000 Mile Performance Guarantee. *Refer to warranty XI-FW10039WC for full details

CAPACITY 55,000 lbs. (25,000 kg) Maximum Vertical Load 150,000 lbs. (68,000 kg) Maximum Drawbar Pull

Required minimum effort and drop design protects handle from damage caused by kingpin during a missed couple. Provides automatic secondary lock to assure safety.

E-Z Grip Release Handle

Advanced Lube Plate Design

Polyethylene material molded around a honeycomb pattern steel-reinforcement plate to create a wear, peel, and warp resistant lube plate.

Swing Lock

1 High coupling protection Lock system protects against coupling at an improper height.

Front Lock Insert

wear-resistant alloy.

Machined and hardened,

2 Much greater kingpin-to-lock contact area Larger contact area compared to competitive models, for longer

kingpin and lock life.

Forged/cast steel locks

Rear lock is forged, hardened, and machined steel. Front lock is machined and hardened wear-resistant alloy.

4 Lock adjustment system

Adjustment process is simple and readily accessible.

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UP TO 100 LBS

STANDARD-DUTY EQUIVALENT

Air Release Option

Allows in-cab air release of the fifth wheel locking mechanism. With just a simple pull of a dash-mounted air switch, a pneumatic cylinder on the fifth wheel will effortlessly open the locking mechanism.

NoLube

Articulation Pocket Liners for reduced maintenance and lona life.

Easy access Lube Plate Fasteners Replacement of lube plates is quick and easy.



Aluminum Technology

ALCOA is the trusted leader in the aerospace and defense industries for ultra-strong, yet lightweight aluminum technology. The FWAL is built with the same aluminum grade as military tank and truck wheels. It is then forged in a 35,000 ton press and precision machined for unmatched strength and weight savings.

HOLLAND FW17 SERIES

THE LIGHTWEIGHT, COST EFFECTIVE CHOICE

The redesigned FW17 is the latest fifth wheel from SAF-HOLLAND. The FW17 was optimized to take advantage of ductile iron, a material utilized on SAF-HOLLAND fifth wheels produced and sold in Europe. SAF-HOLLAND engineers designed the FW17 with a wider throat for easier coupling, improved kinematics for better performance, and made air release retrofits easier. The FW17 fifth wheel is the cost-effective, weight conscious choice for an on-highway fleet looking for distinctive performance.

SAF-HOLLAND TECHNOLOGY SETS US APART FROM THE REST

Since 1910, HOLLAND fifth wheels have been earning a reputation for exceptional durability, performance and reliability. Our technology aims to increase driver productivity and your bottom line, while keeping the HOLLAND FW17 the industry's "cost-effective choice".

CAPACITY 50,000 lbs. (22,700 kg) Maximum Vertical Load 150,000 lbs. (68,000 kg) Maximum Drawbar Pull

Cast-in Grease Grooves

Keep grease where it is needed.

User Friendly Lock Adjustment System Makes the adjustment process simple and readily accessible.

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E-Z Grip Release Handle

Requires minimum pull effort and drop design protects handle from damage caused by kingpin during a missed couple.

> **Ductile Iron Top Plate** Provides optimum combination of durability and low weight.

Swing Lock

1 High coupling protection

B Forged/cast steel locks





Air Release Option

Allows in-cab air release of the fifth wheel locking mechanism. With just a simple pull of a dash-mounted air switch, a pneumatic cylinder on the fifth wheel will effortlessly open the locking mechanism.



Machined and hardened,

Lock system protects against coupling at an improper height.

2 Much greater kingpin-to-lock contact area,

Over competitive models, for longer kingpin and lock life.

Rear lock is forged, hardened, and machined steel. Front lock is machined and hardened wear-resistant alloy.

HOLLAND LOWLUBE TECHNOLOGY

PROVEN GREASE REDUCTION TECHNOLOGY

With the LowLube Option, fleets can reduce their fifth wheel grease requirements to save time, money and improve safety.

HOLLAND LowLube technology utilizes robust lube plates to eliminate grease from the top plate surface.



What are the benefits of LowLube

- Consistent steer effort:
 Reinforced lube plates provide a consistent feel to the way the trailer pulls – even in sharp turns, rain, snow or mud.
- Reduced tire scrub:
 By eliminating grease from the top plate surface that can wash or wea away, lube plates help reduce tire scrub to improve tire life.
- Improved driver productivity:
 Without the need to regularly
 lubricate the fifth wheel surface,
 drivers can stay where they drive –
 in the cab.

LowLube Equipped Models



\$300 COST SAVINGS PER YEAR

Without a greasy fifth wheel top plate surface, fleets can save on average more than \$300 per year, per fifth wheel:

- \$143 of grease costs per year (avg. \$2.75 per pound, 1 lb. application per week)
- \$175+ of labor costs per year (avg. \$10.25 per hour, 20 mins. per week)
- * Calculations are for demonstration only, based on historical averages and recommended maintenance.



Advanced Lube Plate Design

Includes grease fitting and tube for lock lubrication without uncoupling. Polyethylene material molded around a honeycomb pattern steel-reinforcement plate to create a wear, peel, and warp resistant lube plate.

NoLube[™] Articulation Pocket Liners For reduced maintenance and longer life.



Easy Access Lube Plate Fasteners Replacement of lube plates is quick and easy.

ENVIRONMENTAL SAVINGS

NOLUBE and LOWLUBE technology help dramatically reduce the environmental impact of tractor trailers.

- Amount of grease used on fifth wheels in North America per year:
 - Would fill 24 Olympic size swimming pools
 - Is over 1,000,000 equivalent gallons greater than oil spilled by the Exxon Valdez

HOLLAND IN-CAB AIR RELEASE (ICR) OPTIONS

ICR LOCK RELEASE

Available on all HOLLAND standard-duty fifth wheel series

Safe

The In-Cab Air Release system is designed to assure that the fifth wheel lock release can only be operated when the vehicle is standing still with brakes applied. The unique air-assisted interlock design absolutely prevents accidental release of the fifth wheel lock, while still allowing manual release operation if necessary.

Effortless

The optional In-Cab Air Release system allows the in-cab release of the fifth wheel locking mechanism. With just a simple pull of a dash-mounted air switch, a pneumatic cylinder on the fifth wheel will effortlessly open the locking mechanism. Gone are the days of reaching in to grasp a greasy release handle.

Efficient

Reduce the time your driver spends manually locking and unlocking the fifth wheel. Less manual interaction with the fifth wheel limits potential injuries that can lead to expensive worker's compensation claims.

Consistent

Backed by SAF-HOLLAND's Performance Guarantee, the In-Cab Air Release system will work reliably when you need it to — every time. Air release equipped fifth wheels are covered with a 2-year warranty on the pneumatic cylinder. Refer to specific model warranty for full details.



Simple, easy to operate, in-cab system

Here's how it works:

- Set the tractor parking brake to activate the system.
- Then operate the dash-mounted button to activate a pneumatic cylinder on the fifth wheel to open the lock.



The system allows manual release operation, if necessary.



MOUNTING SYSTEMS STANDARD CAPACITY FIFTH WHEELS

Stationary Mount Brackets

Featuring high strength cast and fabricated steel, HOLLAND stationary mounts are designed for fleets requiring a constant fifth wheel position.

Foot Mount

Special base designed for bolt-on applications, utilizing corrugated mounting plates. Includes integral tilt stops.



Integrated Plate Mount

Lightweight base designed for bolt-on outboard angle mounting applications.



Bracket for Angle Mounting

Designed for welding to angles at installation. Cast construction for maximum performance and durability. Includes integral tilt stops.



Bracket with Mounting Angle

Cast construction for maximum performance and durability. Integral tilt stops. Standard 4" x 4" x .38" x 36" long. Various heights and frame widths available.



SUPER SYSTEM

Enhanced design ILS[™] (Integrated Low-Weight Slider) saves weight, reduces maintenance, and provides reliable fifth wheel repositioning for fleet requirements.

INTEGRATED LOW WEIGHT

- One-piece, bolt-on cast bracket for low weight and easy replacement
- Two-piece side cushioning upshock bushings
- Consistent cylinder location regardless of height
- 2" slide increments

Inboard Mount





Severe-Duty Slide Mount Brackets

Designed for use with FW70 top plate and FW35 Kompensator® where robust performance is a must.



Outboard and Inboard Sliding Mount Available

Longer slides available for specialty applications

HOLLAND SEVERE-DUTY SOLUTIONS

HOLLAND severe-duty fifth wheels have been the world standard for over 50 years. Globally recognized for unmatched strength and durability, these fifth wheels utilize proven cast steel construction, with enhanced metallurgy and robust rib structure.

CAST STEEL DESIGN

Specifically designed for severe-duty applications which feature enhanced metallurgy and a robust rib structure.

CAPACITY FW70

70,000 lbs. (32,000 kg) Maximum Vertical Load

Sliding 150,000 lbs. (68,000 kg) Maximum Drawbar Pull

Stationary 200,000 lbs. (91,000 kg)

FW0100/FW0165

100,000 lbs./165,000 lbs. (45,000 kg) (75,000 kg) Maximum Vertical Load

Stationary (Only) 200,000 lbs. (91,000 kg) Maximum Drawbar Pull

SEVERE-DUTY SLIDER MOUNT AVAILABLE FOR FW70



Other severe-duty models available — see HOLLAND Fifth Wheel Catalog XL-FW10066SG-en-US.

FW70

Trusted in oil and gas, mining, and US Military Operations for over 25 years, the FW70 is the proven leader in durability and reliability. Optimized extra capacity lock system is forged, machined, and heat treated steel, and is also available for 3.5" kingpins.



FW0100/FW0165

The FW0100 and FW0165 are the big brothers to the FW70. With maximum vertical loads of 100,000 and 165,000 lbs.; no hauling job is too severe.



Available for 3.5" kingpins ONLY.

HOLLAND NO-TILT MOUNTING BASES

The HOLLAND NO-TILT mounting base provides the industry's leading solution for applications where articulation is provided by the trailer.

Using high-strength steel and an enhanced casting design, the HOLLAND NO-TILT provides reliability in both articulation directions, and both push and pull vertical strains. Specially designed for maximum safety, reliability and durability.

Casting

HOLLAND NO-TILT uses an enhanced FW35 casting design for unrivaled strength when force is applied to the No-Tilt.



Durable No-Tilt Bar

Custom designed bar prevents articulation for superior reliability, durability and safety when compared to alternate methods.



STATIONARY NO-TILT



SLIDING NO-TILT



Allows the fifth wheel top plate to convert to a rigid NO-TILT fifth wheel for applications where articulation is provided by the trailer.

NOTE: Only Available with FW70 top plates.

SEVERE-DUTY SLIDING NO-TILT

Other mounting systems available see HOLLAND Fifth Wheel Catalog XL-FW10066SG-en-US.

HOLLAND KOMPENSATOR®

HOLLAND Kompensator[®] is the world's only mounting system designed to relieve the force created in rigid trailers in uneven terrain. This twisting force places great strain on tractor and trailer frames which can lead to frame cracks, leaky tanks and premature drive tire wear. Kompensator Solution The patented design of the Kompensator cradles the fifth wheel to provide side-to-side compensation in uneven terrain. This allows more flexibility between tractor and trailer and reduces torque and twist transfer through the fifth wheel.

TOP PLATE

KOMPENSATOR

Fifth wheel top plate slides side-to-side in the Kompensator cradle, relieving the high torsional (twisting) forces from rough terrain.

TANKER IN UNEVEN/ROUGH TERRAIN WITHOUT KOMPENSATOR Center of Gravity Shifts Off Vehicle Center



TANKER IN UNEVEN/ROUGH TERRAIN WITH KOMPENSATOR Center of Gravity is Stable at Vehicle Center Center of Gravity Frame Stresses Plate - also available with FW33 and FW70

Shown with FW35 Top



FW35/FW33 🔍

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55,000 lbs. (25,000 kg) Maximum Vertical Load

150,000 lbs. (68,000 kg) Maximum Drawbar Pull

FW7040

70,000 lbs. (32,000 kg) Maximum Vertical Load

200,000 lbs. (91,000 kg) Maximum Drawbar Pull

(Available as Outboard Angle Mount Only)

THE SOLUTION FOR RELIEVING TORSIONAL STRESS EXPERIENCED BY RIGID TRAILERS

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"Up-Shock" Rubber Bushings

STATIONARY BASE WITH MOUNTING PLATE Over the Frame Mount or Outboard Angle Mount available

The HOLLAND Kompensator[®] is trusted in off-highway markets for oil patches, natural gas fracking, and military applications, as well as on-highway markets for tankers, drybulks, bottom dumps and grain haulers.

Compression Springs

Optional lockout

Optional lockout can be engaged when side-to-side compensation is not desired.

Available on all models.



Patented cradle design with urethane cushions

SEVERE-DUTY KOMPENSATOR® WITH SLIDE BASE ALSO AVAILABLE



GLOBAL SALES AND SERVICE

HOLLAND fifth wheels are supported with a first-class global sales and service presence across four continents to keep our customers and our dealers closely attuned to the needs of the local markets that they serve. Beyond development and manufacturing, our ability to design globally and deliver locally translates into cost savings and competitive advantages for our customers.

We know that our success depends on our customers' success so we continually develop solutions which respond to the growing needs of our customer environments. And, it is our priority to provide the highest quality, the best reliability, and the lowest cost of ownership to our customers. Our continued success is dependent on listening to our customers to understand their needs and deliver solutions that enable their success.

We are practical people who speak your language and are able to provide you with qualified advice that is comprehensive and detailed. Our goal: To offer you the solution that best suits your needs.



When it comes to service, customers can count on a high level of commitment. SAF-HOLLAND customer service is staffed with product experts who will help you resolve service and maintenance issues, no matter where you are located, to get you back on the road.



North America 5,902 service partners



South America 457 service partners



Europe/Middle East/Africa 2,959 service partners



Asia/Pacific 206 service partners

AFTERMARKET SALES

HOLLAND fifth wheels are proudly backed by a PERFORMANCE GUARANTEE that provides you with reliable, optimized performance for hundreds of thousands of miles. When the day finally does come to rebuild your HOLLAND fifth wheel, you can count on our Aftermarket components to deliver the same quality and durability as those HOLLAND parts installed at the OEM.

Our Aftermarket supplies original OEM quality service parts including replacement assemblies, mounting brackets, and major rebuild kits for all HOLLAND fifth wheel models. In addition, we supply landing gear, suspension and coupling products.

Served by thousands of worldwide locations, our Aftermarket is experienced and equipped to support you through a powerful network of dealer locations, independent parts distributors and service providers.

We are committed to support you with high fill rates and on-time delivery. We have strategically located warehouses to service your needs throughout the world. We keep our shelves stocked so the parts get there when you need them. Our dedicated Customer Service Representatives are here to serve you with all of your needs. HOLLAND is the right choice for fifth wheels. Why go with anything else!





Visit www.safholland.com or call your SAF-HOLLAND representative:

> USA - 800.876.3929 Canada - 519.537.3494 Mexico - 52.55.5362.8743







COUPLING AND LIFTING SYSTEMS



NEWAY

SUSPENSIONS FOR TRUCKS AND BUSES



TRAILER AXLES/SUSPENSIONS, COUPLING AND LIFTING SYSTEMS

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