



SAF-HOLLAND Group

## HOLLAND FW35 SERIES FIFTH WHEELS



THE WORLD'S MOST VERSATILE  
AND PROVEN FIFTH WHEEL



# HOLLAND FW35 SERIES



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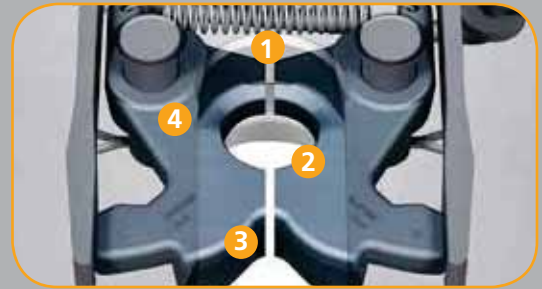
This premium fifth wheel is designed for years of guaranteed performance, and has been the foundation for revolutionary new ideas that expand fifth wheel function and value. Available in a wide variety of models, including the FW31 NoLube™, and the FW33 LowLube, the FW35 meets the needs of the transportation industry for today and tomorrow.

## SAF-HOLLAND TECHNOLOGY SETS US APART FROM THE REST.

Since 1910, HOLLAND couplings have been earning a reputation for exceptional durability, performance and reliability. Our NoLube technology introduced the world’s first completely greaseless fifth wheel, while our Air Release and ELI™ options offer simple, affordable solutions to everyday problems. All of our technology has a simple goal; increase driver productivity while improving your bottom line.

## CAPACITY

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



### SUPERIOR LOCK SYSTEM DESIGN.

- 1 High Coupling Protection.** 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.
- 3 Forged/Cast Steel Locks.** Rear lock is forged, hardened, and machined steel. Front lock is machined and hardened wear-resistant alloy.
- 4 Precision machining of lock mechanism/kingpin interface.**



### INDUSTRY LEADING!

# 6 Years

600,000 Miles

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

WHAT DOES THE PERFORMANCE GUARANTEE MEAN FOR YOU?

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

\* Refer to warranty XL-FW10040WC for full details.

## FW31 NoLube™ and FW33 LowLube SERIES OPTIONS

Reduced or completely grease free operation.



See FW31 Brochure:  
XL-FW10023SL-en-US



**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.

**VISIBLE LOCK INDICATOR**

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

OPEN POSITION

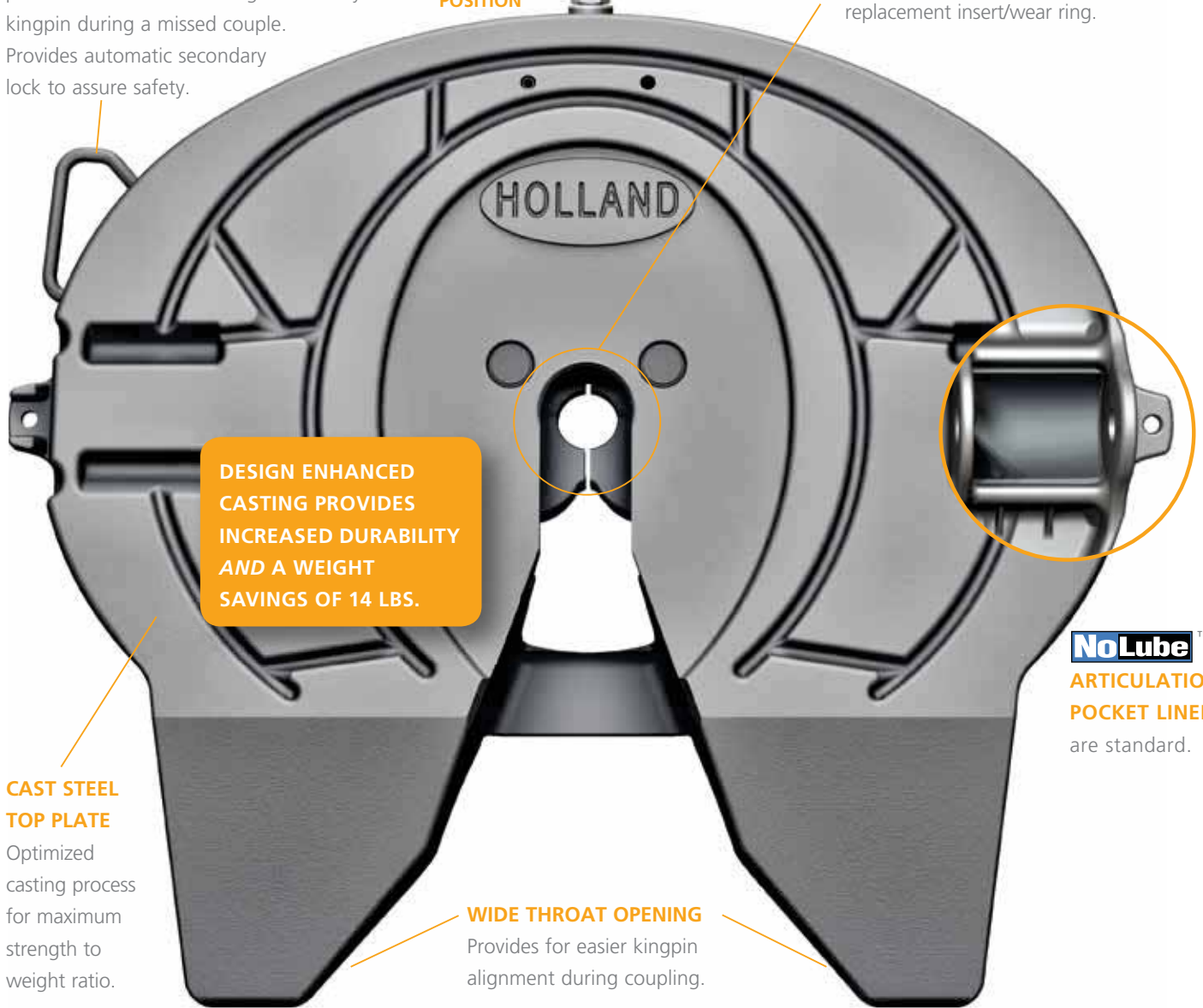
CLOSED POSITION

**EASY LOCK ADJUSTMENT**

with infinite adjustment positions improves lock and kingpin durability.

**PRECISION LOCK MECHANISM IS DESIGNED FOR STRENGTH AND DURABILITY**

Lock jaws are forged steel and machined for precise kingpin engagement. The cast steel top plate's machined kingpin contact surface provides durability and eliminates need for a replacement insert/wear ring.



**DESIGN ENHANCED CASTING PROVIDES INCREASED DURABILITY AND A WEIGHT SAVINGS OF 14 LBS.**

**CAST STEEL TOP PLATE**

Optimized casting process for maximum strength to weight ratio.

**WIDE THROAT OPENING**

Provides for easier kingpin alignment during coupling.

**NoLube™**  
**ARTICULATION**  
**POCKET LINERS**  
are standard.

**AIR RELEASE OPTION**

In-cab fifth wheel lock release system.



**SYSTEM OPTION**

**ELI** Electronic Lock Indicator provides in-cab coupling confirmation security.



# OPTIONAL **ELI** TECHNOLOGY



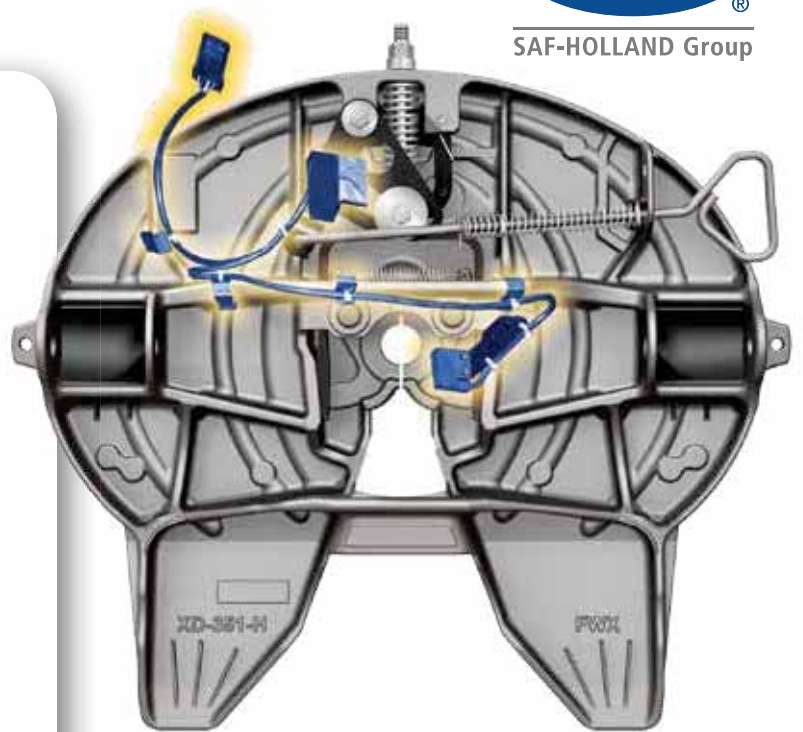
## HOLLAND ELI™ SYSTEM PROTECTS YOUR EQUIPMENT AND CARGO.

### Saves Time and Provides Driver With Additional Reassurance

The Electronic Lock Indicator (ELI) system provides an additional safety check to the coupling process, reducing the potential for improper locking, component damage, and downtime. The ELI system allows the driver to manage the coupling process from inside the cab as a supplement to the visual inspection and pull test procedures.

The ELI system is designed with durable, impact-resistant, and environmentally sealed sensors integrated into the fifth wheel top plate's locking mechanism. The sensors determine the coupling activity of the locking mechanism and relay the information to a control module located in the cab. The control module evaluates the entire sequence of the coupling action and displays the result in the dash (figure a) or remotely at another convenient location within the cab (figure b).

Requiring no driver input, the display lets the driver know when the fifth wheel is ready to couple, is properly coupled, or improperly coupled (figure c).

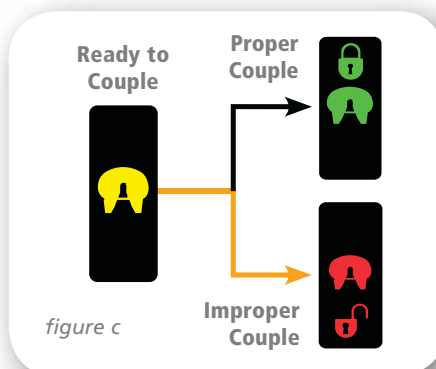


## OPTIONAL ELI SYSTEM DATA DOWNLOAD CAPABILITY.

The ELI system is also designed to work beyond the cab. Using available software and download cable, coupling information for the last 250 coupling attempts can be downloaded to any laptop PC. This valuable information can be analyzed and used for driver training and coaching opportunities.

## ORDERING

The HOLLAND ELI system is compatible with FW35, FW33 and FW31 fifth wheels, including Air Release, and can be ordered with any new top plate (see last page for ordering) or added to any existing top plate.



# OPTIONAL AIR RELEASE



## THE HOLLAND FIFTH WHEEL AIR RELEASE SYSTEM.

A Simple, Easy to Operate, In-Cab Fifth Wheel Lock Release System

### EFFORTLESS

The optional 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.

### SAFE

The three stage Air Release system assures that the fifth wheel lock release can only be operated when the vehicle is standing still. The unique air-assisted interlock design absolutely prevents accidental release of the fifth wheel lock, while still allowing manual release operation if necessary.

### EFFICIENT

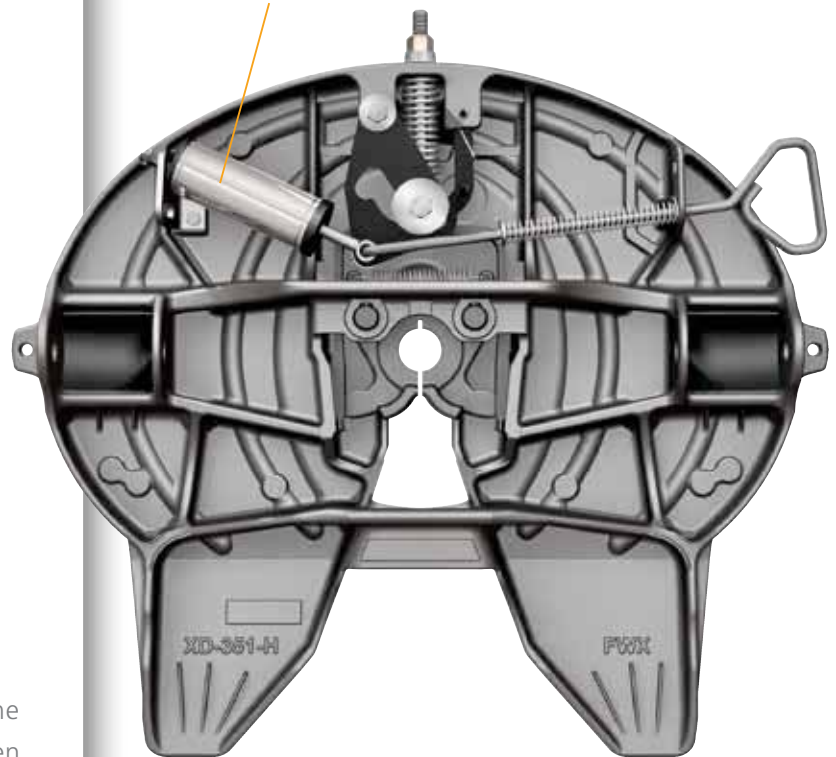
Reduce the time your driver spends manually locking and unlocking the fifth wheel. Less manual interaction with the fifth wheel (and the grease that can come with it) limits potential injuries that can lead to expensive worker's compensation claims.

### CONSISTENT

Backed by SAF-HOLLAND's extensive six year parts and labor warranty, the Air Release system will work reliably when you need it to – every time.

### HIGH QUALITY PNEUMATIC CYLINDER

is corrosion resistant ensuring long life and consistent operation.



### ORDERING

The HOLLAND Air Release System is compatible with FW31 NoLube, FW33 LowLube and ELI options, and can be ordered with any new top plate (see last page for ordering) or added to any existing top plate.



# MOUNTING SYSTEMS

## STANDARD CAPACITY FIFTH WHEELS



### STATIONARY MOUNT BRACKETS

#### FOOT MOUNT

Designed for bolt-on applications, utilizing corrugated mounting plates. 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. 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.

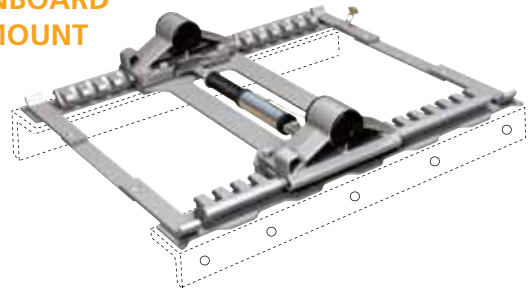


### ILS® SLIDE BRACKET & PLATE ASSEMBLIES

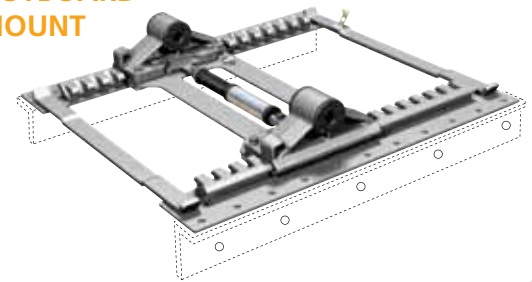
New, low-weight, no welding modular base design, offering significant weight savings with easy height change.

- Single-piece, bolt-on cast bracket (low cost, low weight, and easily replaceable)
- Two-piece side cushioning "upshock" bushings
- Slide-on (no weld), repositionable bulk head fitting bracket.
- Same cylinder location on all heights (includes "quick-connect" fittings)
- 2" slide increments
- Universal "tie plate"

#### INBOARD MOUNT



#### OUTBOARD MOUNT

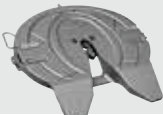


Other mounting systems available - see Holland Fifth Wheel Catalog XL-FW100665G-en-US for further information.

# FW35 FIFTH WHEEL SPECIFICATIONS

## FW35 TOP PLATE ONLY


MODEL NUMBER		APPROX. WEIGHT
XA-351-A-L-P	Left Hand	226 lbs/103 kg
XA-351-A-P	Right Hand	226 lbs/103 kg



NOTE: Top Plate weights listed include 5 lbs/2.25kg for mounting pins.

## FW31 AND FW33 TOP PLATE ONLY


MODEL NUMBER		APPROX. WEIGHT
XA-31-A-L-P	Left Hand	255 lbs/116 kg
XA-31-A-P	Right Hand	255 lbs/116 kg
XA-33-A-L-P	Left Hand	255 lbs/116 kg
XA-33-A-P	Right Hand	255 lbs/116 kg



## FW35 ILS SLIDING MOUNT FIFTH WHEEL MODELS

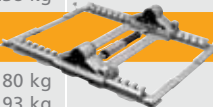
### OUTBOARD MOUNT

MODEL NUMBER	NOMINAL F.W. HEIGHT	SLIDE TRAVEL	APPROX. WEIGHT
FW35A712XL00	6.8"	12"	416 lbs/189 kg
FW35A724XL00	6.8"	24"	449 lbs/204 kg
FW35A736XL00	6.8"	36"	483 lbs/219 kg
FW35A748XL00	6.8"	48"	516 lbs/234 kg
FW35A812XL00	7.8"	12"	421 lbs/191 kg
FW35A824XL00	7.8"	24"	444 lbs/206 kg
FW35A836XL00	7.8"	36"	488 lbs/221 kg
FW35A848XL00	7.8"	48"	521 lbs/236 kg
FW35A912XL00	8.8"	12"	425 lbs/193 kg
FW35A924XL00	8.8"	24"	458 lbs/208 kg
FW35A936XL00	8.8"	36"	492 lbs/223 kg
FW35A948XL00	8.8"	48"	499 lbs/238 kg



### INBOARD MOUNT

MODEL NUMBER	NOMINAL F.W. HEIGHT	SLIDE TRAVEL	APPROX. WEIGHT
FW35B712XL00	6.8"	12"	397 lbs/180 kg
FW35B724XL00	6.8"	24"	425 lbs/193 kg
FW35B736XL00	6.8"	36"	453 lbs/205 kg
FW35B748XL00	6.8"	48"	481 lbs/218 kg
FW35B812XL00	7.8"	12"	380 lbs/182 kg
FW35B824XL00	7.8"	24"	408 lbs/195 kg
FW35B836XL00	7.8"	36"	436 lbs/208 kg
FW35B848XL00	7.8"	48"	464 lbs/220 kg
FW35B912XL00	8.8"	12"	384 lbs/184 kg
FW35B924XL00	8.8"	24"	411 lbs/197 kg
FW35B936XL00	8.8"	36"	440 lbs/210 kg
FW35B948XL00	8.8"	48"	468 lbs/222 kg



For ELI option, add "EL" to end of model number. Example: FW35A712XLEL.

For Air Release option, add "80" to end of model number. Example: FW35A712XL80.

For both ELI and Air Release option, add "EA" to end of model number. Example: FW35A712XLEA.

For right-hand release, replace "L" with "R" in model number.

Other mounting systems and options are available. Please contact Customer Service for details.

## FW35 STATIONARY MOUNT FIFTH WHEEL MODELS

### FOOT MOUNT

MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35Y600XL00	5.6"	296 lbs/134 kg
FW35Y700XL00	6.6"	302 lbs/137 kg
FW35Y800XL00	7.6"	307 lbs/139 kg
FW35Y900XL00	8.6"	312 lbs/142 kg




### FOOT MOUNT

MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35Z600XL00	5.6"	312 lbs/142 kg
FW35Z700XL00	6.6"	320 lbs/145 kg
FW35Z800XL00	7.6"	327 lbs/148 kg
FW35Z900XL00	8.6"	323 lbs/147 kg



### BRACKETS ONLY FOR WELDING TO ANGLES

MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35X600XL00	5.2"	267 lbs/121 kg
FW35X700XL00	6.2"	273 lbs/124 kg
FW35X800XL00	7.2"	278 lbs/126 kg
FW35X900XL00	8.2"	283 lbs/128 kg



### BRACKETS WITH MOUNTING ANGLES

MODEL NUMBER	NOMINAL F.W. HEIGHT	APPROX. WEIGHT
FW35W600GL00*	5.69"	325 lbs/147 kg
FW35W700GL00*	6.69"	331 lbs/150 kg
FW35W800GL00*	7.69"	336 lbs/152 kg
FW35W900GL00*	8.69"	341 lbs/155 kg



\* Standard angle dimensions – 4" x 4" x .38" x 36".

For frame width other than .34", replace "G" with appropriate letter from chart below.

## FIFTH WHEEL FRAME WIDTH CODE CHART

FRAME WIDTH	CODE	FRAME WIDTH	CODE	FRAME WIDTH	CODE
33.25"	A	33.75"	E	34.25"	J
33.38"	B	33.88"	F	34.38"	K
33.50"	C	34.00"	G	34.50"	L
33.62"	D	34.12"	H		





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**SAF-HOLLAND, Inc.**  
888.396.6501 Fax 800.356.3929

**SAF-HOLLAND Canada Limited**  
519.537.3494 Fax 800.565.7753  
Western Canada 604.574.7491 Fax 604.574.0244