



SAF-HOLLAND Group

HOLLAND FW3510 SERIES

ONE OF THE
WORLD'S MOST
VERSATILE FIFTH
WHEELS

FW3510

FW3110 **NoLube**





FW3510 SERIES

SAF-HOLLAND Group

ADVANCED TECHNOLOGY

The FW3510 and FW3110 Series fifth wheels are designed to provide exceptional durability, application flexibility and exemplary reliability with a low total cost of ownership.

INNOVATIVE BENEFITS

The FW 3510 Series fifth wheel is also available with NoLube technology.

CAPACITY:

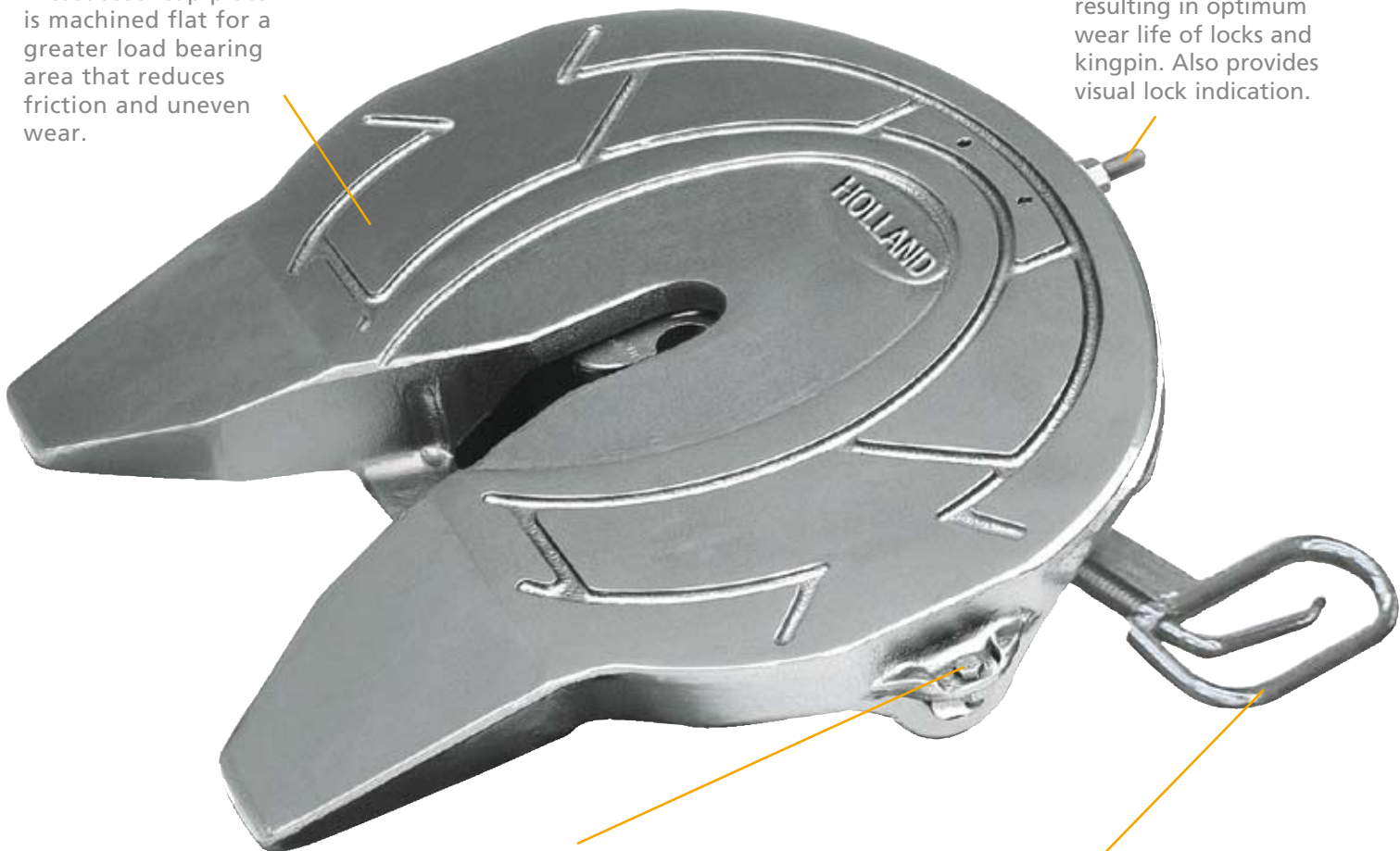
- 20,000 kg Maximum Vertical Load
- 150 kN D-Value
- 108 kg Top Plate Weight
- EC type approval number e1*94/20*0812

WARRANTY

- 6 years or 1,000,000 km Performance Guarantee in accordance with SAF-HOLLAND warranty conditions

A cast steel top plate is machined flat for a greater load bearing area that reduces friction and uneven wear.

Infinite lock adjustment resulting in optimum wear life of locks and kingpin. Also provides visual lock indication.



Bracket pin design permits quick and easy top plate removal – for minimal maintenance cost and downtime.

Precision machined top plate and lock mechanism to ensure perfect fit, maximising surface contact area and extending service life.

The ergonomic release handle fully complies with the interlocking requirements of EC 94/20 and features Holland's easy-to-pull, one-hand operation "trigger lock".



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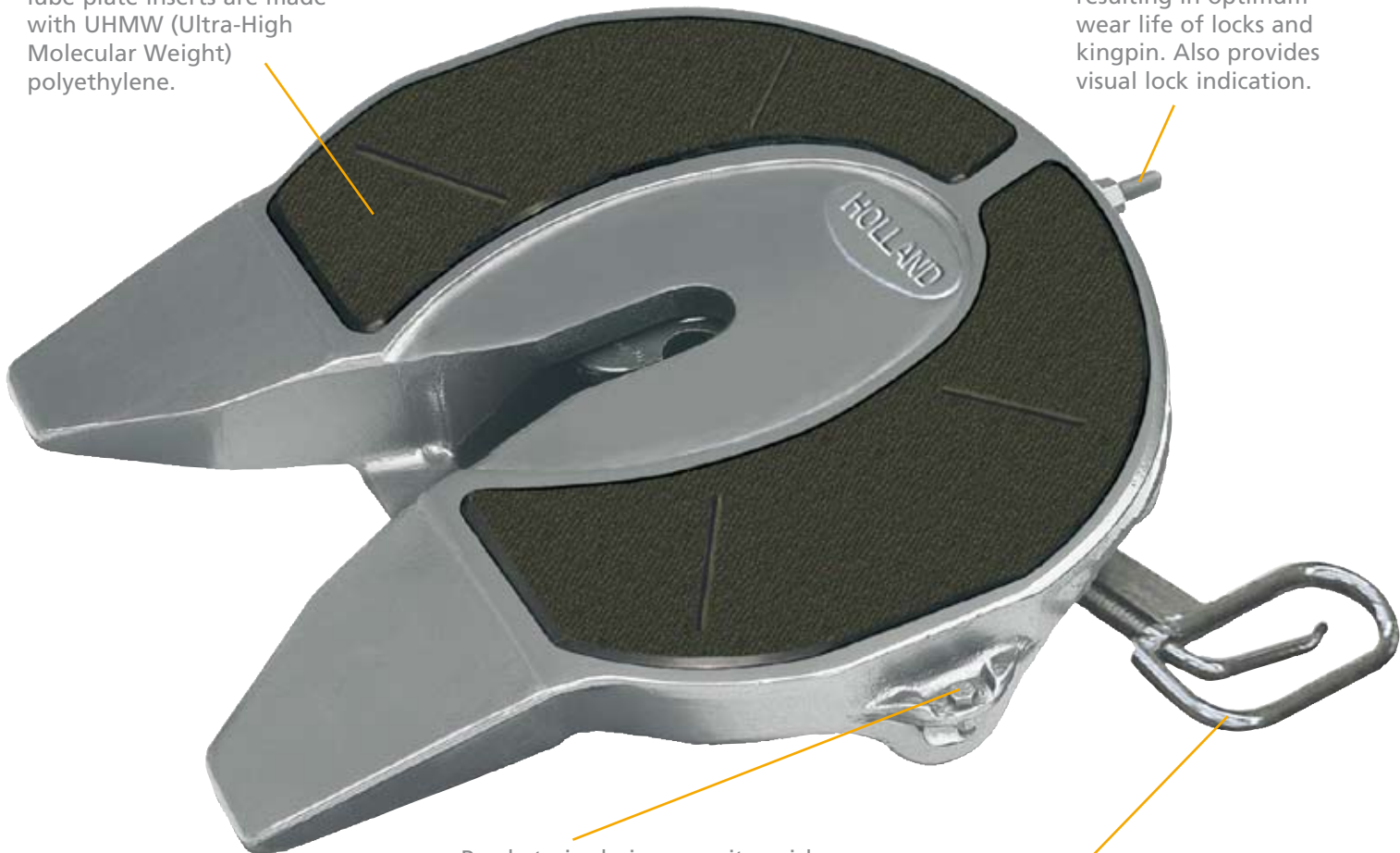
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Low friction, replaceable lube plate inserts are made with UHMW (Ultra-High Molecular Weight) polyethylene.

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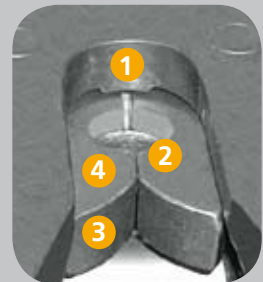
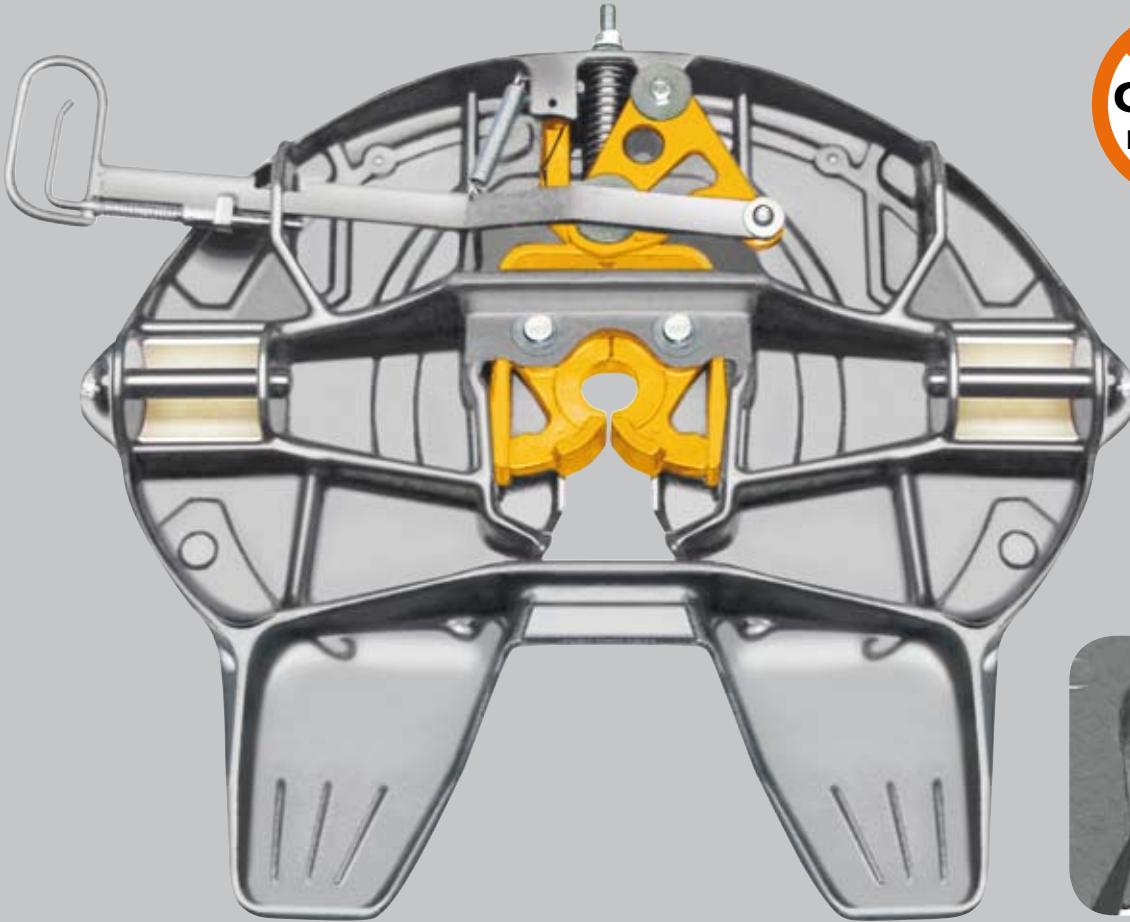
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FW3110 **NoLube** FIFTH WHEEL

Lock system components are protected with a low friction coating which provides long wear life and superior corrosion protection.



An advanced surface alloy treatment on the kingpin contact surfaces of the lock jaws and a wear resistant front lock area eliminate the need for lubrication.

BETTER FOR THE ENVIRONMENT

True NoLube[®] technology reduces maintenance time and costs. True NoLube[®] technology means your drivers and maintenance personnel can work faster and safer in a cleaner environment. More importantly, eliminating the use of grease is an environmentally conscious and responsible choice.

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

2 Greater King pin-to-Lock Contact Area. Lock contact area is 48 cm² – up to 87% greater contact area, compared to competitive models, for longer kingpin and lock life.

3 Forged/Cast Steel Locks. The split locks are forged, hardened and machined steel, with wear resistant front lock area.

4 NoLube[®] Technology. Components are protected with a low-friction coating which provides long wear life and corrosion protection eliminating the need for lubrication.

FW3510 AND FW3110 MOUNTING OPTIONS

ISO BRACKET MOUNTING



Part Number*	Height	Weight
FW3510-150	150 mm	130 kg
FW3510-180	180 mm	136 kg
FW3510-200	200 mm	139 kg

*add suffix -XL for version with long handle

International Standard ISO/DIN 6 hole bracket offering full interchangeability with fifth wheel worldwide, strong cast construction for maximum durability. Type approved to EC 94/20 regulations.

Part Number*	Height	Weight
FW3110-150	159 mm	133 kg
FW3110-180	189 mm	139 kg
FW3110-200	209 mm	142 kg

*add suffix -XL for version with long handle

WEIGHTSAVER MOUNTING



Part Number*	Height	Weight
FW3510-140	140 mm	153 kg
FW3510-160	160 mm	156 kg
FW3510-190	190 mm	159 kg
FW3510-230	228 mm	163 kg

*add suffix -XL for version with long handle

Combined mounting brackets and mounting plate resulting in weight reduction with easier and time-saving installation through direct mounting on the chassis. Manufactured in accordance with EC 94/20 and having full EC type approval. Available in 2 different widths and available with hole patterns to suit all OEM chassis mounting angles.

Contact SAF-HOLLAND for full part number information.

Part Number*	Height	Weight
FW3110-140	149 mm	156 kg
FW3110-160	169 mm	159 kg
FW3110-190	199 mm	162 kg
FW3110-230	237 mm	166 kg

*add suffix -XL for version with long handle

ILS SLIDER MOUNTING



Part number guide for complete sliding fifth wheel assemblies:

FW 3510 - 22U

Fifth Wheel Type	
FW3510	3510
FW3110	3110

Height Code	Actual Height for	
	FW3510	FW3110
1	173 mm	182 mm
2	198 mm	207 mm
3	223 mm	232 mm

Drilling Patterns	
U	Undrilled
*	Another letter indicates OEM specific hole pattern. Contact SAF-HOLLAND for details.

Length Code	Travel Length*	Slide Plate Length
2	610 mm	1135 mm
3	915 mm	1440 mm
4	1220 mm	1745 mm
5	1525 mm	2050 mm

Integrated Lightweight Sliding fifth wheel assembly, saving up to 22 kg on competitors products. Air release standard on all models.

Fifth wheel position adjustable in 50 mm increments Available pre-drilled for bolting directly to tractor unit mounting angles. Contact SAF-HOLLAND for full part number information.

Weight from 223 kg complete with top plate (FW3510-12D).

KOMPENSATOR MOUNTING



Patented design providing torsional relief between tractor and trailer with considerable stress reduction. Particularly beneficial in tanker and rigid trailer applications.

Manufactured in accordance with EC94/20 with full EC type approval – e1*94/20*0200

Part Number*	Height	Weight
FW3540-B	245 mm	210 kg

Available with FW3510 top plate only



SAF's history begins in 1881 in a village forge in Germany with the invention of a new plough. The family business soon starts building steel axles for agricultural vehicles, and under the name Otto Sauer Achsenfabrik (SAF) develops into one of the leading manufacturers of trailer axles and suspension systems in Europe.

A safety coupling between plough and horse team can be found at the beginning of Holland's history. The Safety Release Clevis Company was founded in South Dakota, USA, in 1910. After its move to Holland, Michigan, the company emerges as one of the largest supplier companies to the commercial vehicles industry under the name The Holland Hitch Company.

The merger of the two companies to form SAF-HOLLAND in 2006 creates one of the leading global suppliers of high-quality components and services for the commercial vehicle industry. Alongside axle and suspension systems for trailers and semi-trailers, the product range also includes kingpins and landing gear as well as fifth wheels for tractors, air suspensions, coupling products and numerous other components for buses and trucks.

Today SAF-HOLLAND is represented on all continents and distributes its products and services worldwide under the brand names SAF and HOLLAND. It can boast of an extensive distribution network with global service and dealer locations.

HIGH QUALITY COMPONENTS FOR THE COMMERCIAL VEHICLE INDUSTRY



EUROPE · NORTH AMERICA · SOUTH AMERICA · AFRICA · ASIA · AUSTRALIA

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