

SAF LANDING GEAR SYSTEMS

SAF ATLAS 25
SAF ATLAS 30



SAF-HOLLAND OFFER NEW SOLUTIONS FOR
INCREASED DURABILITY AND LIFTING PERFORMANCE

SAF ATLAS 25

LIFTING CAPACITY
25 TONNE

EASY OPERATION

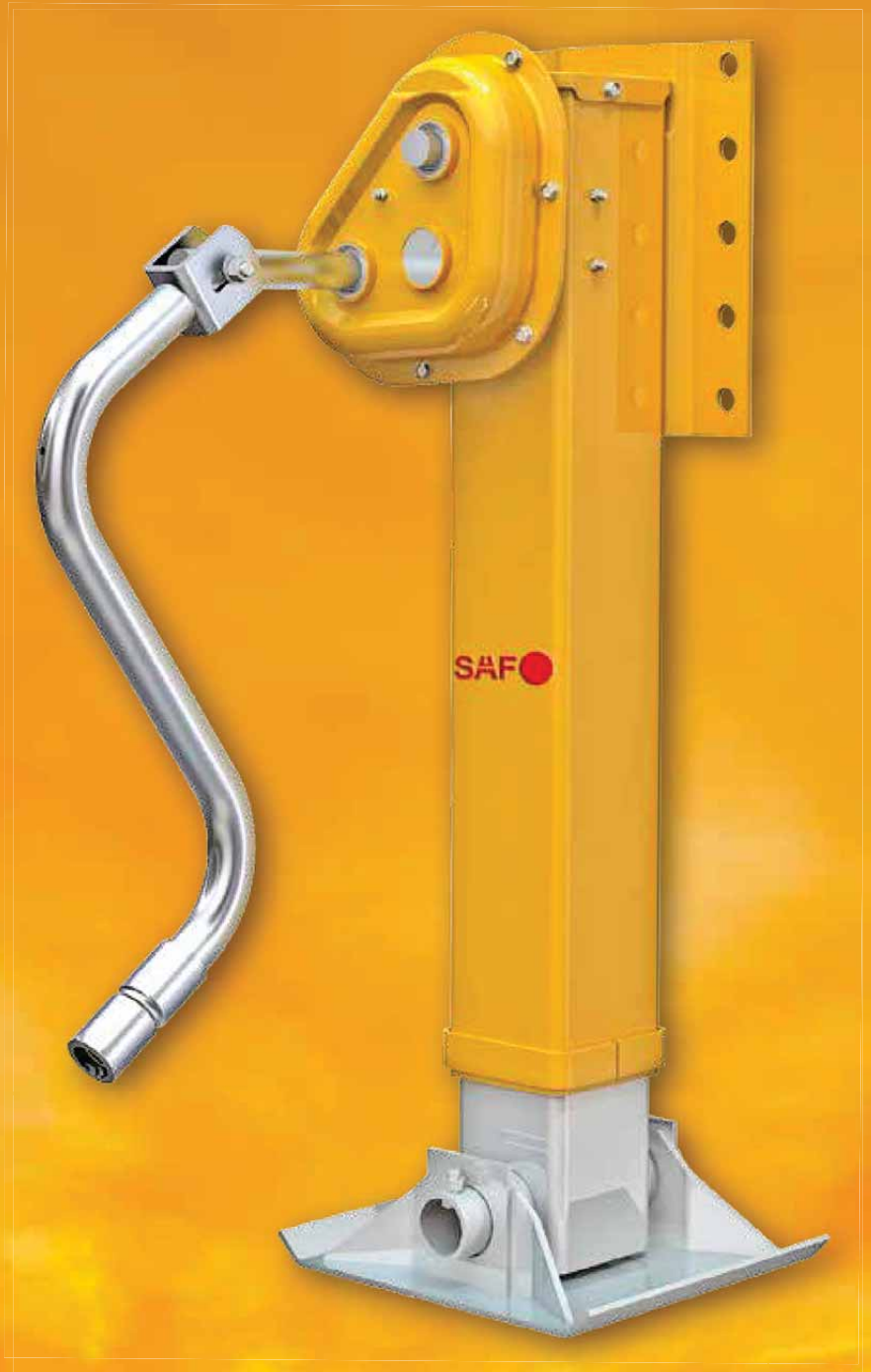
Constant Mesh Gearbox Design
Provides Trouble-Free Shifting

Specially Designed Shaft Seals Within
Gearbox and Upper Housing Keep Water
Out and Grease In

High-Strength Ductile Iron Gears

Ten-Bolt and Twenty-Bolt Mounting
Plate Models Available

Robust Construction Yet Light Weight



SAF-HOLLAND Landing Gear Systems were developed for the most demanding trailer applications in the world. They have proven their rugged durability and their reliable and easy operation over millions of kilometers under the toughest of conditions –



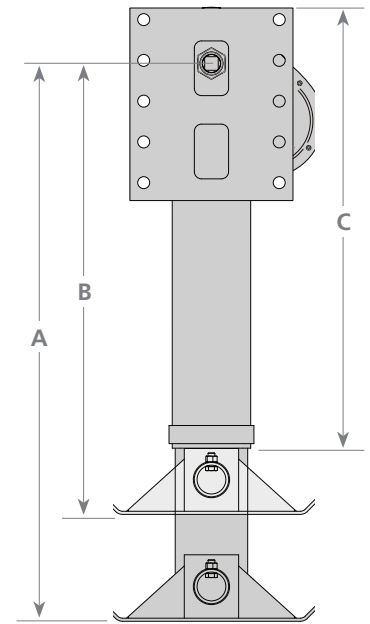
SAF ATLAS 25 SPECIFICATIONS

CAPACITIES

77t Load Capacity
13.6t Side Load Capacity
25t Lift Capacity – 136 Nm Input Torque

GEARING

5.7 mm/turn – High Gear
0.7 mm/turn – Low Gear



DIMENSIONS, WEIGHTS & PART NUMBERS

Configuration	Description	Travel (mm)	Extended Length A (mm)	Retracted Length B (mm)	Upper Leg C (mm)	Weight (kg)
10 Holes Mounting Plate & Low HD Sandshoe 	Leg w/o Gear	343	1010	669	659	31.2
	Leg Gearside					38.7
	Leg w/o Gear	394	1087	694	685	32.3
	Leg Gearside					39.8
	Leg w/o Gear	432	1163	733	722	33.2
	Leg Gearside					40.7
	Leg w/o Gear	483	1288	796	773	35.1
	Leg Gearside					42.6
20 Holes Mounting Plate & Low HD Sandshoe 	Leg w/o Gear	343	1010	669	665	33.2
	Leg Gearside					39.7
	Leg w/o Gear	394	1087	694	691	34.4
	Leg Gearside					40.9
	Leg w/o Gear	432	1163	733	728	35.5
	Leg Gearside					42.0
	Leg w/o Gear	483	1288	796	779	37.3
	Leg Gearside					43.8

*Set includes: Crank, Crank Holder, Brace Ear, and Cross Drive Shaft



SAF ATLAS 30

LIFTING CAPACITY
30 TONNE

RUGGED DURABILITY

Constant Mesh Gearbox Design
Provides Trouble-Free Shifting

Specially Designed Shaft Seals Within
Gearbox and Upper Housing Keep
Water Out and Grease In

Durable Upper and Lower Housings
Manufactured from High-Strength Low
Alloy Steel

High-Strength Ductile Iron Gears
Robust Construction Yet Light Weight



on the desert highways in the western USA and the brutal winters of Canadas north. SAF-HOLLAND Landing Gear Systems are now available in Brazil as the SAF ATLAS 25 and the SAF ATLAS 30, especially efficient, robust and reliable solutions for just about any trailer.

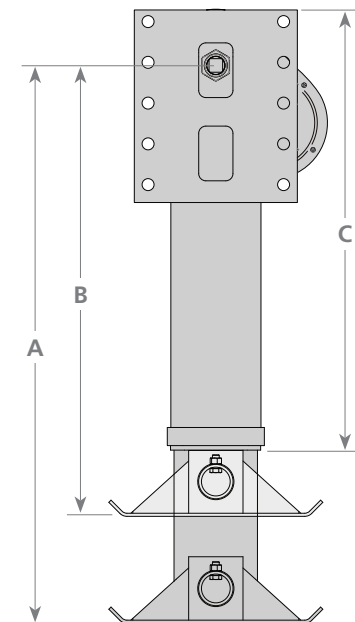
SAF ATLAS 30 SPECIFICATIONS

CAPACITIES

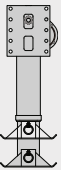
77t Load Capacity
15.4t Side Load Capacity
30t Lift Capacity – 136 Nm Input Torque

GEARING

5.7 mm/turn – High Gear
0.7 mm/turn – Low Gear



DIMENSIONS, WEIGHTS & PART NUMBERS

Configuration	Description	Travel (mm)	Extended Length A (mm)	Retracted Length B (mm)	Upper Leg C (mm)	Weight (kg)
10 Holes Mounting Plate & Low HD Sandshoe 	Leg w/o Gear	343	1010	669	659	34.2
	Leg Gearside					40.7
	Leg w/o Gear	394	1087	694	685	35.2
	Leg Gearside					41.7
	Leg w/o Gear	432	1163	733	722	36.4
	Leg Gearside					42.9
	Leg w/o Gear	483	1288	796	773	38.2
	Leg Gearside					44.7

*Set includes: Crank, Crank Holder, and Cross Drive Shaft

UNIVERSAL ATLAS 25/30 ACCESSORIES & SPARE PARTS

Speed Crank 500 mm (20")	Brace Ear
Crank, Universal	Cross Drive Shaft 1470 mm
Crank Holder	Cross Drive Shaft 1950 mm

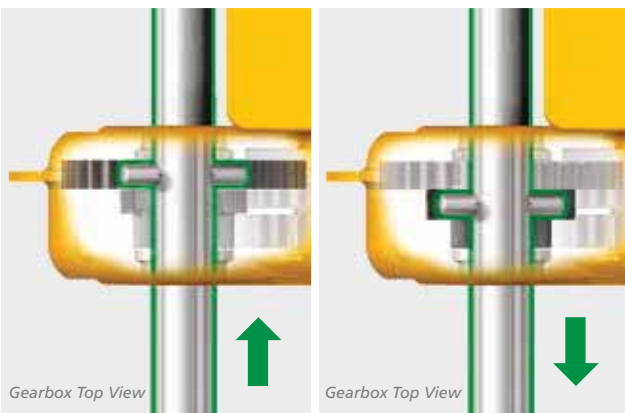


PROFIT FROM UNIQUE FEATURES

PATENTED* CONSTANT MESH GEARBOX DESIGN



Eliminates high-to-low shifting problems common to traditional landing gear. Using a crankshaft with a roll pin, only the crankshaft moves to engage the drive gears. No in-or-out movement of drive gears is required - keeping the gears constantly meshed. This design not only provides smooth shifting under loaded conditions, but also prevents slip cranking and difficult high-to-low shifting in cold weather.



**CRANKSHAFT ENGAGED
IN HIGH DRIVE GEAR**

**CRANKSHAFT ENGAGED
IN LOW DRIVE GEAR**

* Patent Numbers. 4,923,175 & 6,099,016

PATENTED* FLOATINGNUT™ WITH TWIN-BULKHEAD



The FloatingNut™ protects the elevating screw and threads from excessive side loading caused by dock-walk - damage which can cause poor cranking performance or binding. Unique Twin-Bulkheads, above and below the FloatingNut™, further increase structural resistance to side-load forces when landing gear legs are fully extended.

NOTE:
Weight Measurements are less hardware.
All tests in accordance with AAR and TTMA
recommended practice.

SAF ATLAS ACCESSORIES AND FOOTWARE



LOW PROFILE SAND SHOE



STANDARD SAND SHOE



SHAFTS AND BRACES



HAND CRANKS



CRANK HANGERS



COMPENSATOR FOOT

SAF-HOLLAND'S ADVANCED CORROSION PROTECTION

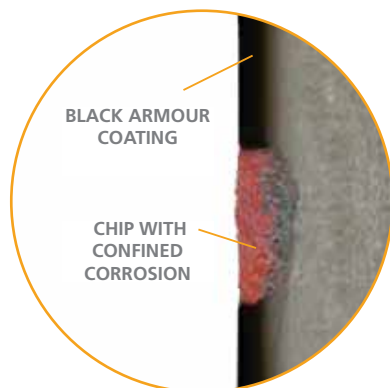


The Black Armour™ metal protection process, unlike a primer, paint or powder coating, chemically bonds with metal to form a protective skin that is impervious to water and anti-icing chemicals. Optional Black Armour™ is paint compatible without pre-sanding.

Black Armour™ will not shrink and remains flexible to resist gravel impingement. If scratched, Black Armour™ prevents the spread of creep corrosion.

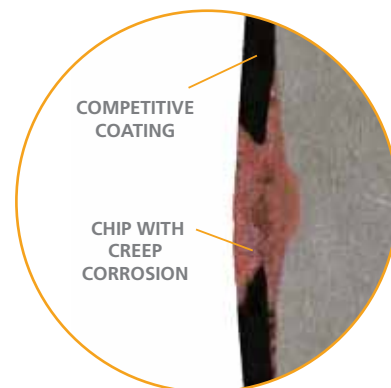
BLACK ARMOUR™

Black Armour™ chemically bonds with metal to form a protective skin that when chipped or gouged will confine any corrosion and prevent it from spreading.



COMPETITIVE STANDARD

Standard competitive coatings simply cover the metal, allowing the metal structure to remain vulnerable to the spread of corrosion when chipped or gouged.



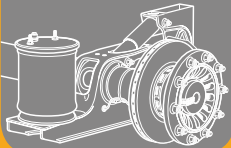


From fifth wheel rebuild kits to suspension bushing repair kits, SAF-HOLLAND Original Parts are the same quality components used in the original component assembly. SAF-HOLLAND Original Parts are tested and designed to provide maximum performance and durability. Will-fits, look-alikes or, worse yet, counterfeit parts will only limit the performance potential and could possibly void SAF-HOLLAND's warranty. Always be sure to spec SAF-HOLLAND Original Parts when servicing your SAF-HOLLAND product.

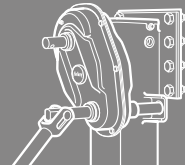
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HIGH QUALITY COMPONENTS FOR THE COMMERCIAL VEHICLE INDUSTRY

AXLES & SUSPENSION



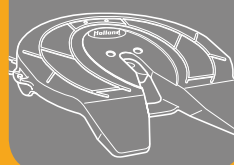
LANDING GEAR



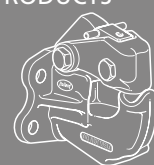
KINGPINS



FIFTH WHEELS



COUPLING PRODUCTS



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

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