



SAF-HOLLAND Group

HOLLAND ATLAS™ 55

LANDING GEAR

ATLAS



TM

THE NEW INDUSTRY STANDARD
FOR LIFTING PERFORMANCE
AND RELIABILITY

HOLLAND ATLAS™ 55
LANDING GEAR MERGES
PROVEN AND TRUSTED
TECHNOLOGIES TO CREATE
A BETTER LANDING GEAR.

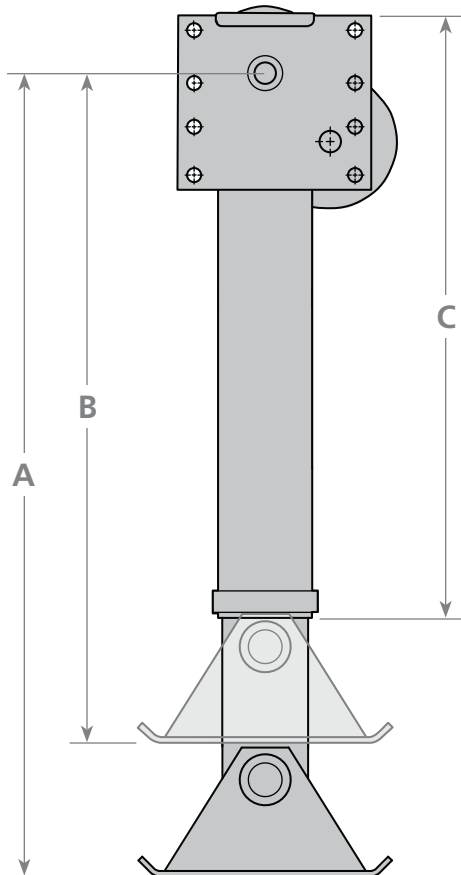


ORDERING INFORMATION

EXAMPLE: **LG4 0 0 1 - 7 0 0 S - XX XXX**

ATLAS 55	MOUNTING	SHAFTS	FOOTWARE	TRAVEL	LEG ASS'Y	RETRACT TUBE	GREASE	LOG NO./ACCY. NO.
LG4	0 UNIVERSAL MT.	0 UNIVERSAL	1 SANDSHOE - STD. 4-1/2" X 10" X 10"	5 15-1/2"	0 SETS	0 STANDARD	0 STANDARD GREASE	CONTACT SAF-HOLLAND FOR SPECIAL OPTIONS AND ACCESSORIES
	1 CONVENTIONAL MT.	1 REVERSE	2 SANDSHOE - STD. 4-1/2" X 10" X 12"	7 17"	1 LH	5 RCF MRL	Q NOLUBE	
	4 I-BEAM MT.	2 I-BEAM 6.5" DIA.	3 SANDSHOE - STD. 2" X 10" X 10"	9 19"	2 RH		S 10 YEAR WARRANTY PLUS NOLUBE (REQUIRES RCF)	
	8 REVERSE MT.	9 CONVENTIONAL	4 SANDSHOE - STD. 2" X 10" X 12"					
			B STANDARD RCF 10" X 10"					
			Z LOW PROFILE RCF 10" X 10"					

DIMENSIONS



	EXTENDED LENGTH (A)	RETRACTED LENGTH (B)	UPPER LEG (C)
REMOVABLE CUSHION FOOT			
15.5" Travel (14.12")	43.75	28.25	26.56
17" MRL Travel (16.87")	46.75	29.75	28.06
17" Travel (16.87")	48.75	31.75	30.06
19" Travel (19.12")	51.38	32.38	30.06
4.5" SANDSHOE			
15.5" Travel (14.12")	45.19	26.69	26.56
17" Travel (16.87")	48.19	31.19	28.06
19" Travel (19.12")	52.69	33.69	30.06
2" SANDSHOE			
15.5" Travel (14.12")	42.69	27.19	26.56
17" Travel (16.87")	45.69	28.69	28.06
19" Travel (19.12")	50.19	31.19	30.06
LOW PROFILE RCF			
15.5" Travel (14.12")	41.00	25.50	26.56
17" MRL Travel (16.87")	44.00	27.00	28.06
17" Travel (16.87")	46.00	29.00	30.06
19" Travel (19.12")	48.75	29.75	30.06



THE NEW BENCHMARK FOR LIFTING PERFORMANCE.

The Holland Atlas™ 55 Landing Gear merges proven engineering technology with quality and durability to create a new standard in landing gear performance. From the smooth shifting and reliability of the patented Constant Mesh gearbox design, to the durability and toughness of the exclusive FloatingNut™ with Twin-Bulkhead construction; the Atlas™ 55 offers a landing gear that was built to carry on the Holland name and tradition of trouble-free performance and exceptional value for years to come.

RUGGED DURABILITY. EASY OPERATION.

- Constant Mesh Gearbox Design Provides Trouble-Free Shifting
- Exceeds All AAR M-931 and All TTMA RP-4 Performance Specifications
- High-Strength Ductile Iron Gears
- Standard 5-Year and Optional 10-Year Performance Guarantees Available
(See warranty for details)
- Reduced Weight with Increased Structural Integrity



SAF-HOLLAND Group

ATLAS™ 55 L

INDUSTRY STANDARD TTMA MOUNTING PLATE



STANDARD, HIGH QUALITY SHAFT SEALS

Specially designed shaft seals within gearbox and upper housing keep water out and grease in.

DURABLE UPPER & LOWER LEG HOUSINGS

Upper & lower housings manufactured from high strength 80,000 lb. yield steel.

FOOT OPTIONS

Variety of foot options and other accessories available.

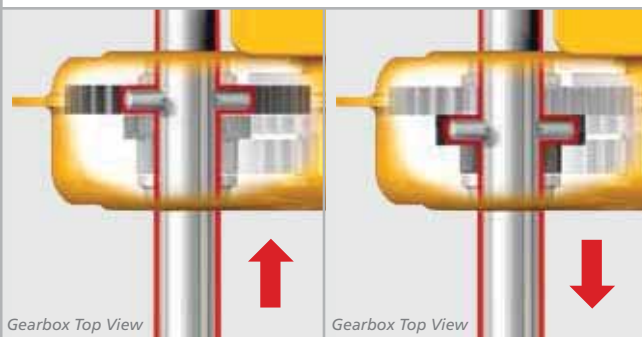


LANDING GEAR

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.



Gearbox Top View

Gearbox Top View

**CRANKSHAFT ENGAGED
IN HIGH DRIVE GEAR**

**CRANKSHAFT ENGAGED
IN LOW DRIVE GEAR**

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.

SPECIFICATIONS

CAPACITIES

170,000 lbs Load Capacity
30,000 lbs. Side Load Capacity
55,000 lbs. Lift Capacity
(100 ft./lbs. Input Torque)

WEIGHT

158 lbs. Cushion Foot Model
(17" Travel Conventional RCF MRL)
170 lbs. Sandshoe Model
(17" Travel Universal Mount
10x10x4-1/2 Sandshoe)

NOTE: Weight Measurements
are less hardware

GEARING

4.5 Turns Per Inch - High Gear
38.7 Turns per Inch - Low Gear

All tests in accordance with AAR and
TTMA recommended practice

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

OPTIONAL FEATURES

NoLube®

The NoLube®, low maintenance technology provides a sealed system resulting in maximum component lubrication with no need for additional grease.

Optional NoLube® technology further protects your investment and lowers maintenance time and costs through the application of high-quality seals and a encased elevating screw to seal in lubricants and provide consistent performance and easy operation for years to come.



SHAFT SEALS (STANDARD)

All driveshaft and crankshaft bushings include shaft seals to prevent water, dirt and other contaminants from entering the gearbox and upper leg.



SEALED GREASE TUBE

Completely surrounding the elevating screw is a sealed grease tube so that when the legs are raised or lowered, the screw receives a new coating of grease.



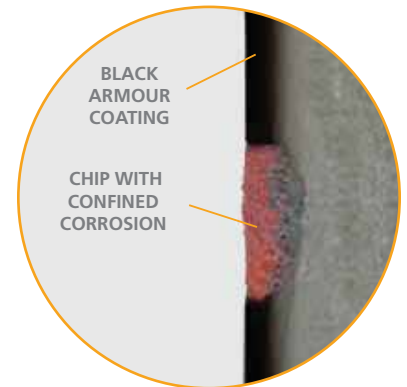
ADVANCED CORROSION PROTECTION

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.

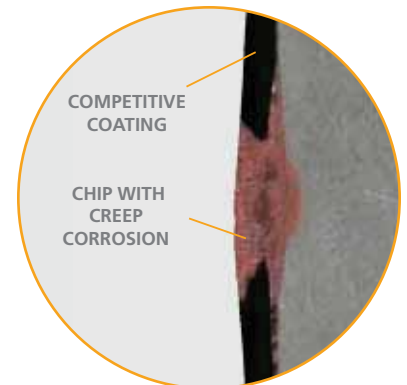
BLACK ARMOUR™

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.



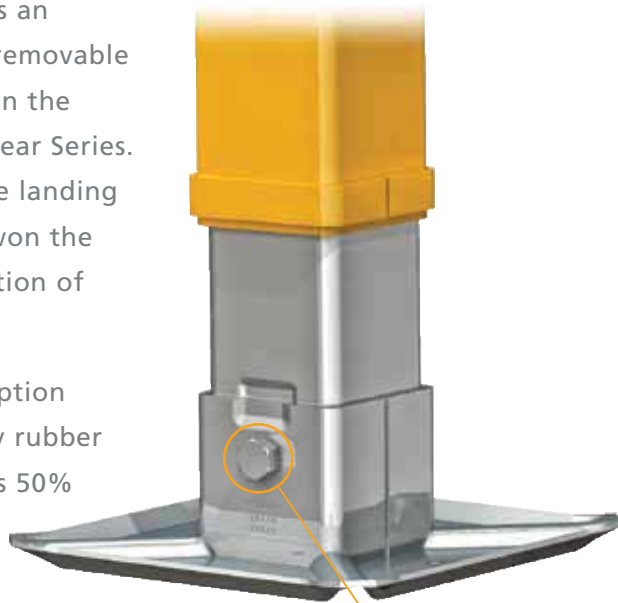
OPTIONAL RCF

REMOVABLE CUSHION FOOT

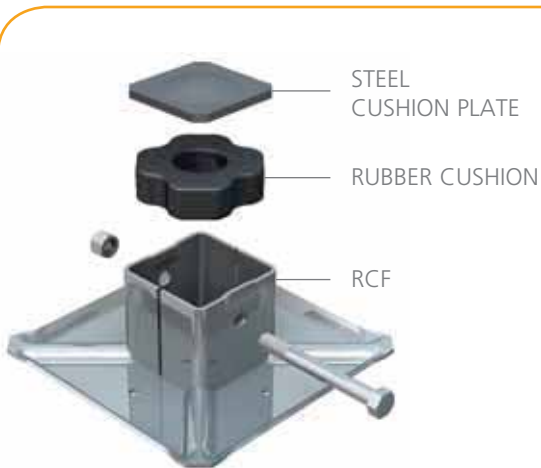
SAF-HOLLAND offers an optional, patented removable cushion foot (RCF) on the Atlas™ 55 Landing Gear Series. A proven, innovative landing gear foot that has won the respect and recognition of our industry.

The RCF footwear option utilizes a heavy duty rubber cushion that absorbs 50% more shock than conventional footwear.

Atlas™ 55 landing gear equipped with RCF footwear meets all AAR and TTMA performance specifications. And even provides a 3 lbs. per landing gear set weight savings over the previous cushion foot design.



The RCF feature allows easy removal of a damaged foot by simply extracting a single bolt. No cutting or welding is required.



RCF technology simply transmits the shock from the entire load in compression from steel-to-rubber-to-steel. That means reduced wear and damage to the cargo, trailer, and landing gear.

LANDING GEAR ACCESSORIES & FOOTWEAR OPTIONS



REMOVABLE CUSHION FOOT



STANDARD SAND SHOE



HEAVY DUTY SAND SHOE



SHAFTS AND BRACES



HAND CRANKS



CRANK HANGERS

All landing gear accessories & footwear options can be found in the Aftermarket Landing Gear Optional Parts and Accessories Guide (XL-AM10013PM)



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



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