



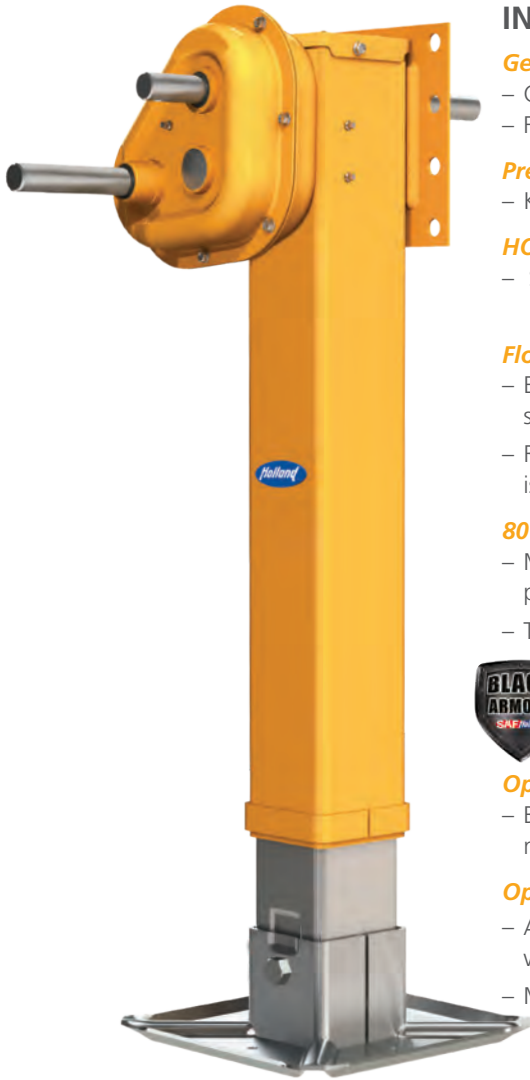
# ATLAS™ SERIES

TWO INDUSTRY SOLUTIONS WITH PROVEN DURABILITY  
AND LIFTING PERFORMANCE

# HOLLAND

## ATLAS SERIES

### LANDING GEAR



#### INDUSTRY-LEADING STANDARD FEATURES

##### **Gearbox Design with enhanced seals**

- Constant mesh gearing design for durability and long life
- Features a rubber gasket seal

##### **Premium Shaft Seals**

- Keeps contaminants out and grease in

##### **HOLLAND True Lube Grease**

- Specifically formulated for HOLLAND landing legs to not prematurely harden or leak

##### **FloatingNut™ with Twin-Bulkhead Design**

- Exclusive FloatingNut feature protects against elevating screw damage, assuring smooth cranking performance
- Reinforced Twin-Bulkhead design for added strength when leg is fully extended

##### **80 ksi Yield High-Strength Steel Leg Tube Material**

- Maximum strength upper and lower tube housing for robust performance
- The industry's strongest and lightest weight tube housing material



##### **Black Armour® Metal Treatment**

- Treatment process, unlike paint or powder coating, means the ultimate in corrosion protection with no rust creep

##### **Optional RCF Removable Cushion Foot**

- Built-in rubber cushion protects the landing gear leg and internal mechanisms from load impact shock

##### **Optional NoLube™ Elevating Screw**

- Automatically keeps the elevating screw lubricated and working smoothly
- Manually greasing the elevating screw is not required for 10 years



## ATLAS 55™ LIFT CAPACITY 55,000 LBS.

## ATLAS 65™ LIFT CAPACITY 65,000 LBS.



#### CAPACITIES

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

#### GEARING

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

#### WEIGHT 150 lbs.

(17" Travel, RCF, MRL, Reverse Shafts)

NOTE: Weight measurements are less hardware.

All specified capacities are tested in accordance with AAR M-931.



#### CAPACITIES

65,000 lbs. Lift Capacity  
(100 ft./lbs. Input Torque)  
170,000 lbs. Load Capacity  
34,000 lbs. Side Load Capacity

#### GEARING

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

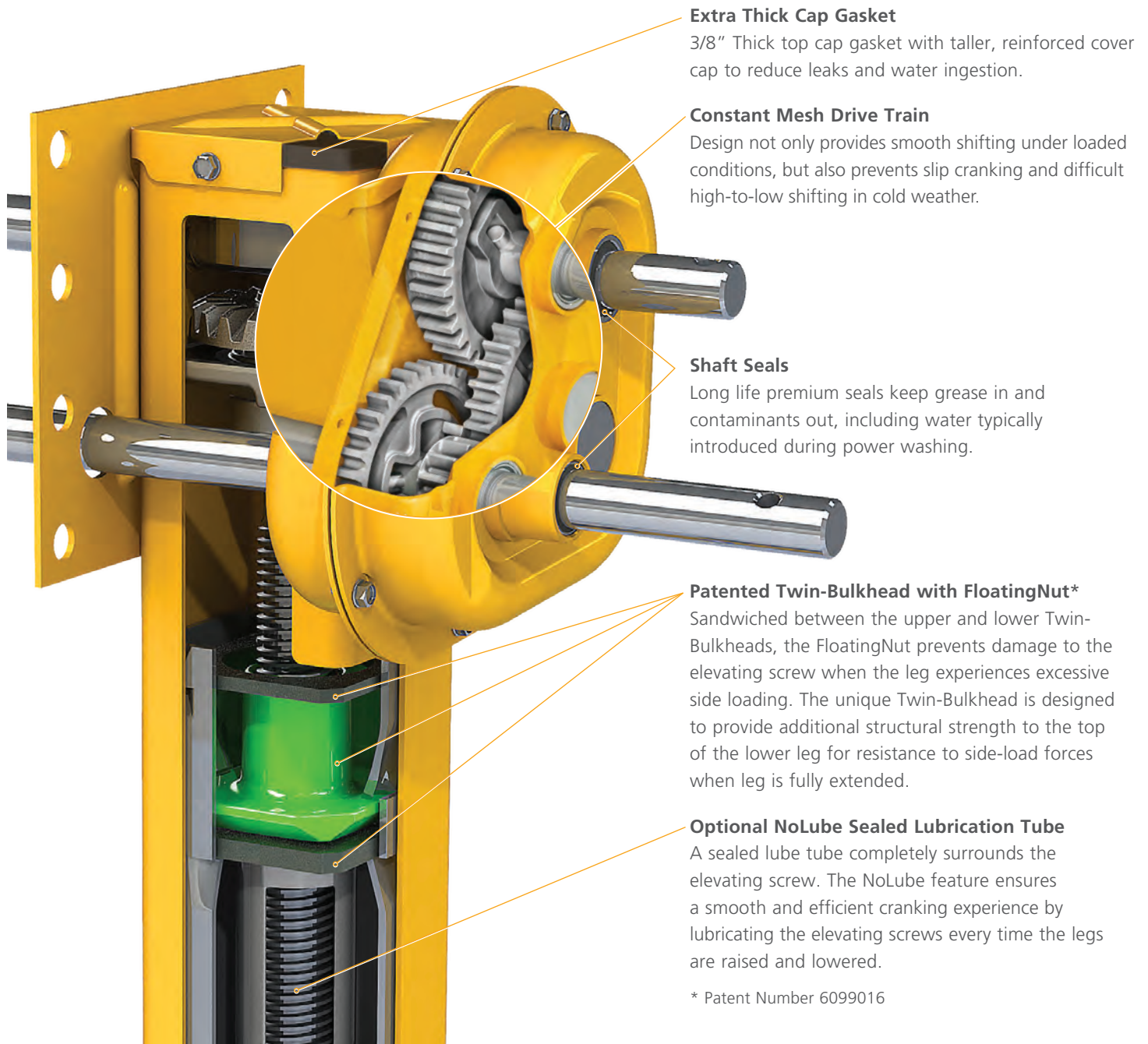
#### WEIGHT 176 lbs.

(17" Travel, RCF, MRL, Reverse Shafts)

NOTE: Weight measurements are less hardware.

All specified capacities are tested in accordance with AAR M-931.

# DESIGN ENHANCED GEARBOX FOR SUPERIOR PERFORMANCE



### Extra Thick Cap Gasket

3/8" Thick top cap gasket with taller, reinforced cover cap to reduce leaks and water ingestion.

### Constant Mesh Drive Train

Design not only provides smooth shifting under loaded conditions, but also prevents slip cranking and difficult high-to-low shifting in cold weather.

### Shaft Seals

Long life premium seals keep grease in and contaminants out, including water typically introduced during power washing.

### Patented Twin-Bulkhead with FloatingNut\*

Sandwiched between the upper and lower Twin-Bulkheads, the FloatingNut prevents damage to the elevating screw when the leg experiences excessive side loading. The unique Twin-Bulkhead is designed to provide additional structural strength to the top of the lower leg for resistance to side-load forces when leg is fully extended.

### Optional NoLube Sealed Lubrication Tube

A sealed lube tube completely surrounds the elevating screw. The NoLube feature ensures a smooth and efficient cranking experience by lubricating the elevating screws every time the legs are raised and lowered.

\* Patent Number 6099016



**True Lube™**  
for Landing Legs

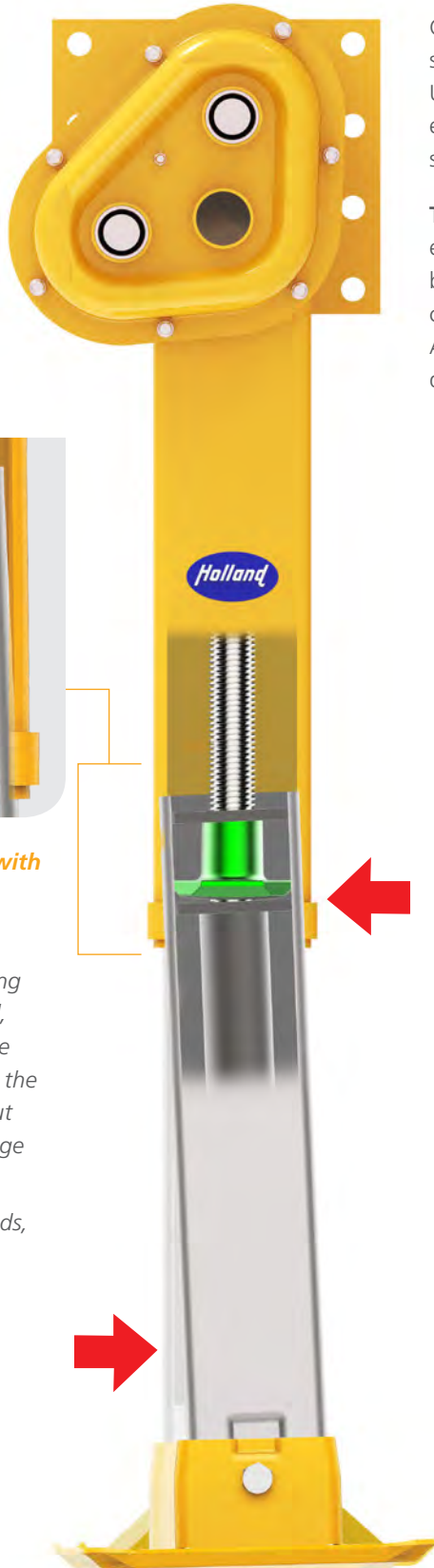
## MAINTAIN THE TRUE PERFORMANCE OF YOUR HOLLAND LANDING GEAR WITH TRUE LUBE™ GREASE.

- Formulated for optimized performance in all climates from -40° F to 150° F
- Excellent formula stability to maintain consistent smooth operation
- Wide operating temperature range to ensure crank operation
- Excellent oil bleed control to reduce oil leaks and prevent grease hardening

Available in 5 Gallon Pails, 14 oz Tubes and 120 lb. Drums



# HOLLAND EXCLUSIVE FLOATINGNUT FEATURE FOR LONGER SERVICE LIFE



## **Twin-Bulkhead design with the FloatingNut feature**

When excessive side-load forces occur on the landing gear when fully extended, the FloatingNut allows the lower leg to move within the upper leg housing without causing permanent damage to the elevating screw.

The unique Twin-Bulkheads, above and below the FloatingNut, provide additional structural strength to the top of the lower leg tube.

Cranking a landing gear with a bent elevating screw can be an extremely unpleasant experience. Unlike competitive landing gear, the ATLAS has an exclusive special feature to prevent a bent elevating screw from happening.

**The FloatingNut** feature works to protect the elevating screw from damage that can be caused by excessive side-load forces experienced during coupling, uncoupling, and container loading. A bent screw leads to poor cranking performance due to binding.

**LIFETIME WARRANTY\***

## **STANDARD 5-YEAR WARRANTY OR LIFETIME WARRANTY**

HOLLAND ATLAS 55 and ATLAS 65 models are available with standard or extended warranty options.

5-Year warranty covers defects in materials and workmanship.

Lifetime warranty covers defects in material and workmanship and comes standard with the 10-Year NoLube feature and removable cushion foot.

The 10-Year NoLube feature also reduces your maintenance bottom line and covers unexpected repairs and associated costs, unless the product is altered or damaged.

Recommended protection practices for your HOLLAND landing gear include routine greasing at 6 month intervals. After 10 years of operation, HOLLAND legs with the 10-Year NoLube feature, require routine greasing every 6 months.

**ONLY use True Lube™ grease in your HOLLAND landing gear for optimal performance.**

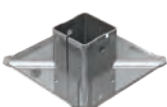
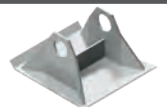


*Note: See warranties for details*

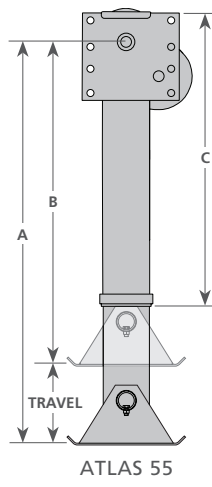
*For 5-year warranty see XL-LG20045WC*

*For Lifetime warranty see XL-LG20044WC*

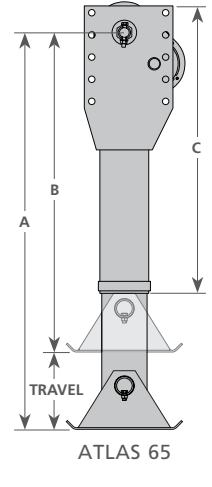
*\*Warranty provides lifetime coverage for defects in materials and workmanship. Requires Removeable Cushion Foot and 10-year NoLube option (See warranty XL-LG11395WC-en-US for details)*

# ATLAS SPECIFICATIONS

ATLAS 55				ATLAS 65			
DIMENSIONS	EXTENDED LENGTH (A)	RETRACTED LENGTH (B)	UPPER LEG (C)	EXTENDED LENGTH (A)	RETRACTED LENGTH (B)	UPPER LEG (C)	
<b>REMOVABLE CUSHION FOOT</b>							
	15.5" Travel	43.75	28.25	26.56	43.91	28.41	26.56
	17" MRL Travel	46.75	29.75	28.06	46.91	29.91	28.06
	17" Travel	48.75	31.75	30.06	48.91	31.91	30.06
	19" Travel	51.38	32.38	30.06	51.54	32.54	30.06
<b>4.5" SANDSHOE</b>							
	15.5" Travel	45.19	29.69	26.56	45.35	29.85	26.56
	17" Travel	48.19	31.19	28.06	48.35	31.35	28.06
	19" Travel	52.69	33.69	30.06	52.85	33.85	30.06
<b>2" SANDSHOE</b>							
	15.5" Travel	42.69	27.19	26.56	42.85	27.35	26.56
	17" Travel	45.69	28.69	28.06	45.85	28.85	28.06
	19" Travel	50.19	31.19	30.06	50.35	31.35	30.06
<b>LOW PROFILE RCF</b>							
	15.5" Travel	43.74	28.24	26.56	43.90	28.40	26.56
	17" MRL Travel	45.74	28.74	28.06	45.90	28.90	28.06
	17" Travel	48.74	31.74	30.06	48.90	31.90	30.06
	19" Travel	51.34	32.34	30.06	51.50	32.50	30.06



ATLAS 55



ATLAS 65

**NOTE:** All landing gear accessories and footwear options can be found in the Aftermarket Landing Gear Optional Parts and Accessories Guide (XL-AM10013PM).  
 ATLAS 55 & 65 technical dimensions and ordering code can be found in the HOLLAND Landing Gear Parts Manual (XL-LG11389PM).

## Optional RCF (Removable Cushion Foot) For Atlas 55 and Atlas 65 Models

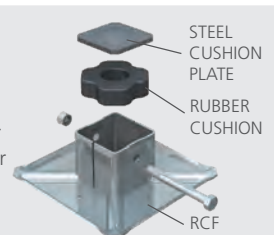
HOLLAND landing gear are available with an optional, patented removable cushion foot (RCF) for the ATLAS 55 and 65 landing gear models. A proven, innovative landing gear foot that has won the respect and recognition of our industry.

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



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.



# SAF Holland Group



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COUPLING AND  
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SYSTEMS



TRAILER AXLES/SUSPENSIONS,  
COUPLING AND LIFTING  
SYSTEMS

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