

## SAF CBX23 & CBX25 SERIES

### AIR SUSPENSION AXLE SYSTEM FOR TANK FLEET OPERATIONS



THE BETTER  
**CHOICE**  
FOR TANK  
FLEETS

THE LIGHTWEIGHT AIR SUSPENSIONS WITH FEATURES  
THAT SAVE FUEL, TIRES, AND MAINTENANCE COSTS

# SAF CBX23 & CBX25 FIXED FRAME AIR SUSPENSION AXLE SYSTEMS



## SWING ALIGN™

The industry's fastest, most convenient and least expensive axle alignment system. Requires no replacement parts or disassembly. Axle alignment is achieved by direct adjustment of the lead screw, requiring less than 250 ft. lbs. of torque.



## MULTI-FUNCTIONAL PIVOT BUSHING

The more robust bushing with its exterior void design limits the twisting movement that could lead to premature bushing and tire wear.



LEARN MORE ABOUT SWING ALIGN™

# 23 & 25k CAPACITY

## OPTIMIZED AXLE SOLUTIONS

The SAF X-Series 5.75" axle with standard 11mm wall, provides the optimal balance of weight and strength. Standard drum brake equipped with 16½" x 7" extended life brake linings.



## OPTIONAL SAF INTEGRAL™ DISC BRAKE

The SAF INTEGRAL™ disc brake option is the lightest-weight design on the market today – provides reduced stopping distances while significantly lowering service costs and downtime with a bi-metallic rotor and maintenance free hub and bearing assembly.



When equipped with optional SAF INTEGRAL™ disc brakes, the CBX23 and CBX25 are the lightest weight 23k and 25k disc brake suspensions available.

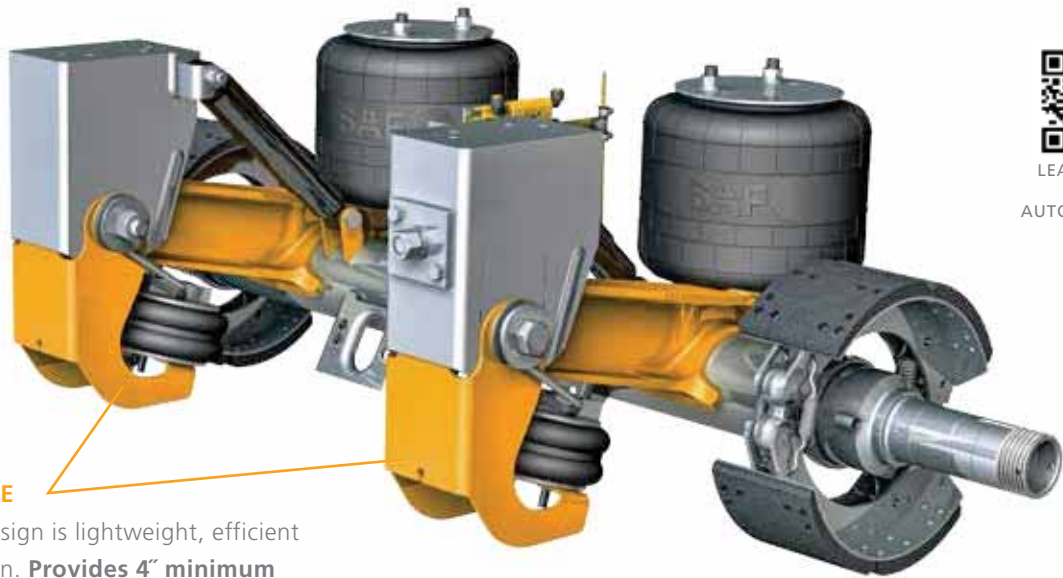
SUSPENSION SYSTEM WEIGHTS	CBX23	CBX25
<b>Undressed Drum Brake Axle</b> (16.5" x 7" braked axle only – no slack adjusters or brake actuators)	529 lbs.	536 lbs.
<b>Dressed Drum Brake Axle</b> (Includes steel hubs/drums, bearings, oil, slack adjusters and brake actuators)	883 lbs.*	890 lbs.*
<b>INTEGRAL™ Disc Brake Axle</b>	883 lbs.	890 lbs.

\*Optional lightweight dressed drum brake wheel ends available - 78 lbs. lighter

# AUTO-POSILIFT™ OPTION DELIVERS SIGNIFICANT FUEL AND TIRE SAVINGS FOR TANK FLEET OPERATIONS

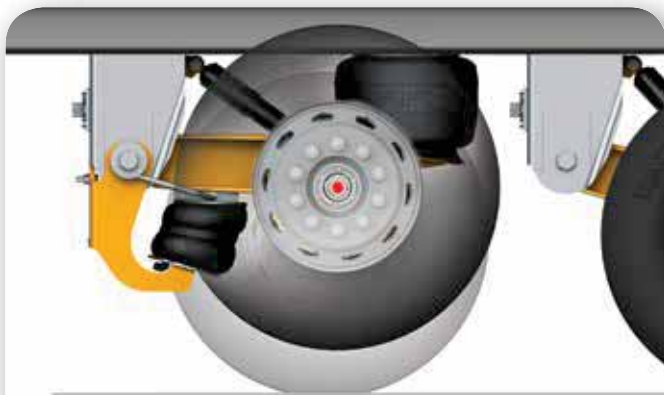


LEARN MORE ABOUT AUTO-POSILIFT™



## POSILIFT™ LIFT AXLE FEATURE

Simple, compact design is lightweight, efficient and easy to maintain. Provides 4" minimum of lift for recommended ground clearance.



The Auto-PosiLift™ feature is programmed to automatically lift the front axle when the system senses that only one axle is necessary to carry the load.

## AUTO-POSILIFT™ BRINGS SIGNIFICANT BENEFITS TO YOUR BOTTOM LINE

- Increased fuel mileage
- Increased tire life and reduced tire scrub
- No driver interaction required
- Reduction in toll fees
- Increased suspension component life
- Longer wheel end service intervals



Auto-PosiLift is ideal for Tank Fleets with multi-stop delivery and running empty return miles.

# HOW THE **AUTO-POSILIFT™** SYSTEM WORKS ON TANK TRAILERS

**TRACTOR POWER OFF AND/OR PARKING BRAKES ENGAGED**



With Power On and Brakes Released, the Auto-PosiLift System Automatically Positions the Front Axle

**TRACTOR POWER ON AND PARKING BRAKES RELEASED**



**FULLY AUTOMATED SYSTEM;  
NO DRIVER INTERACTION REQUIRED**

## **TRACTOR POWER ON**

With the power on and trailer parking brakes released (no vehicle motion required) the system's pressure sensor in the air valving system reads the air spring pressure and determines to automatically raise the front axle or leave the front axle in the down position.

## **TRACTOR POWER OFF**

With the tractor power off, or the trailer parking brakes engaged, the system automatically deploys the front axle to the down position.

## **VEHICLE IN TRANSIT**

When the vehicle is in motion, the position of the front axle will remain constant (either up or down). In the event of a loss of power, the front axle will automatically deploy to the down position.

The Auto-PosiLift™ combines the proven CBX PosiLift™ components and a Meritor WABCO ABS with lift axle control. This arrangement blends the brain and the brawn to increase fleet efficiency.

Patent Pending



# SPECIFY YOUR TANKER WITH THE LIGHTWEIGHT, INDUSTRY STANDING LANDING GEAR



**THE HOLLAND ATLAS 55™ IS 27 LBS. LIGHTER THAN THE CLOSEST COMPARABLE MODEL**

- Constant mesh gearbox design provides trouble-free shifting
- Specially designed shaft seals within gearbox and upper housing keep water out
- The exclusive FloatingNut™ feature protects the elevating screw and threads from excessive side loading damage
- The RCF (Removable Cushion Foot) option utilizes a heavy duty rubber cushion that absorbs 50% more shock than conventional footwear
- Standard 5-Year Performance Guarantee and optional 10-Year available (see warranty for details)



### **NoLube™**

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



## **CORROSION PROTECTION FOR THE LONG HAUL**



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. BLACK ARMOUR™, if scraped or chipped will prevent the spread of rust creep. It provides remarkable protection without the weight of galvanization and this eco-friendly metal treatment does it all without the added weight of galvanization.

**BLACK ARMOUR™ IS STANDARD WITH ALL CBX SERIES SUSPENSION SYSTEMS AND HOLLAND LANDING GEAR**



LEARN MORE ABOUT BLACK ARMOUR™

\*See XL-AS11002WC warranty statement for complete details.



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 AND SYSTEMS FOR THE COMMERCIAL VEHICLE INDUSTRY



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