

ULX40 Series

The Lightest Weight Suspension System
Available – Featuring the Original Binkley
UltraLite Slider Subframe Design



*Featuring Haldex
Calipers and Actuators*



SAF ULX40

The ULTRALITE™ System

The ULX40 UltraLite™ Slider Suspension Axle System is becoming the suspension of choice for many on-highway fleets. This low maintenance, long life suspension is backed by the industry's first, and only, ten year system warranty, and meets fleet demands for lower total cost of ownership.

One integrated SAF system

The ULX40 is one complete integrated mechanical system with SAF drum or disc brakes. It is delivered as a **completely assembled system for efficient installation** at the OEM and **engineered for optimum performance** for fleets.

Light weight for more payload

The SAF steel spring system delivers less weight for increased payload.

Simple and easy maintenance

Fewer components—no shocks, no air springs, no height control valves, and no dock lock devices required—mean it's **easier to maintain**. And, routine inspections are quick and easy.

10-YEAR DURASYSTEM™ WARRANTY COVERAGE

For the first time fleet operators can receive the extra value of a suspension and axle system that is covered for a full ten years. This full system coverage includes the mechanical slider assembly, SAF X-Series 5.75" axles, welded bracketry, and axle connections.

* See warranty (XL-MS10204WC) for complete details.



Optional Air Release

Is a simple, efficient pin-pull system. The Air Release design is compact, durable, and allows easy manual operation in the event of an air-down situation.

QWIK RELEASE® Pin Pull

This patented system makes slider adjustment safe and efficient. With 20% less pulling effort than competitive models, one person can easily reposition the slider. This design also eliminates bound-up pin problems.

Hardened Steel Wear Pads

Reduce hanger wear and prolong life, preventing hanger failure.



Two Model Choices to Meet your Fleet's Specific Needs

The P89 model at a price point that makes sense for fleets of any size. And, the P89 Plus for premium performance. Disc brakes simply provide better performance than drum brakes. They stop shorter for increased safety and reduced maintenance for lower total cost of ownership.

SAF ULX40 Slider Suspension Axle System



40,000 - Pound Capacity System

Optional Upper Body Rails

Roll formed body rails available with 6" spacing for 1 3/8" diameter pull pins and, 4" spacing for 1 1/2" diameter pull pins. Manufactured from high strength 80,000 lb. psi yield steel.

Open Design

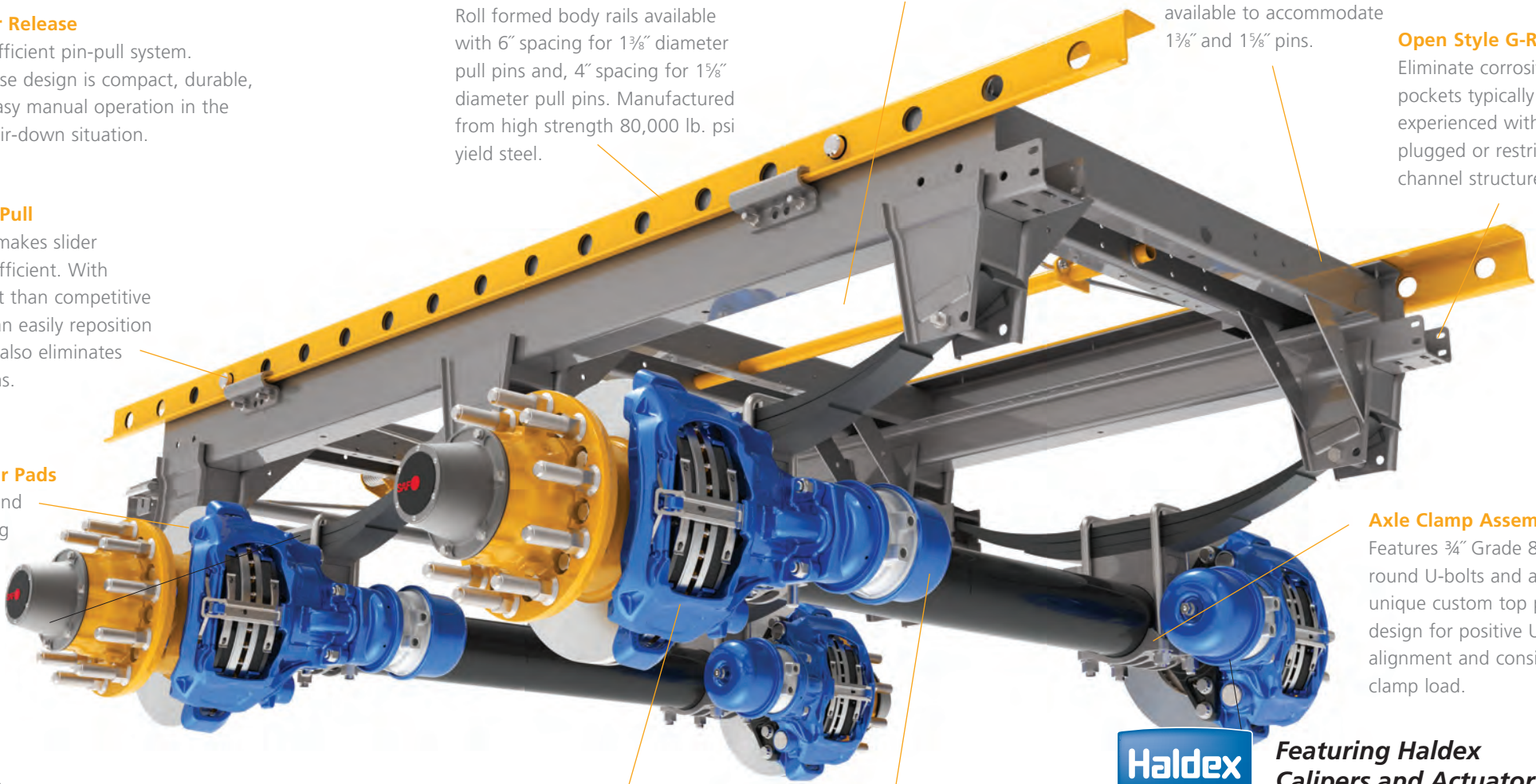
Provides clear access for easy air tank installation and maintenance.

Slider Sub-Frame

Manufactured with 80,000 lbs. psi yield steel and strategically located crossmembers to resist racking and buckling. Models available to accommodate 1 3/8" and 1 1/2" pins.

Open Style G-Rails

Eliminate corrosive pockets typically experienced with plugged or restrictive channel structures.



Axle Clamp Assembly

Features 3/4" Grade 8 round U-bolts and an unique custom top plate design for positive U-bolt alignment and consistent clamp load.

Haldex *Featuring Haldex Calipers and Actuators*

Haldex Single Piston Caliper

is the industry's lightest weight single piston design with a T-shaped, wide thrust plate to ensure even force distribution and sufficient support to the pad back plate.

Haldex Spring Brake Actuators

feature the premium LifeSeal+ combination model, the only truly sealed actuator on the market for extended life. Drum brake systems come standard with GoldSeal+ combination actuators which set the industry standard for reliable performance.

SUPERIOR CORROSION PROTECTION



BLACK ARMOUR® IS STANDARD WITH AEROBEAM



Optional P89™ Series Air Disc Brakes

**INDUSTRY LEADING
AIR DISC BRAKE
WARRANTY**

See XL-AS11002WC warranty
statement for complete details.

Premium Performance Maintenance Free Design

Featuring the legendary INTEGRAL® rotor/hub and premium sealed bearings for reduced maintenance.

Featuring:

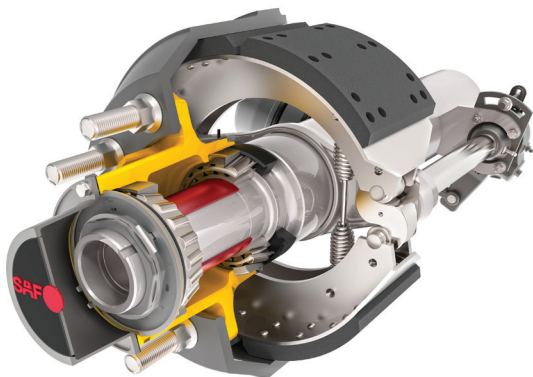
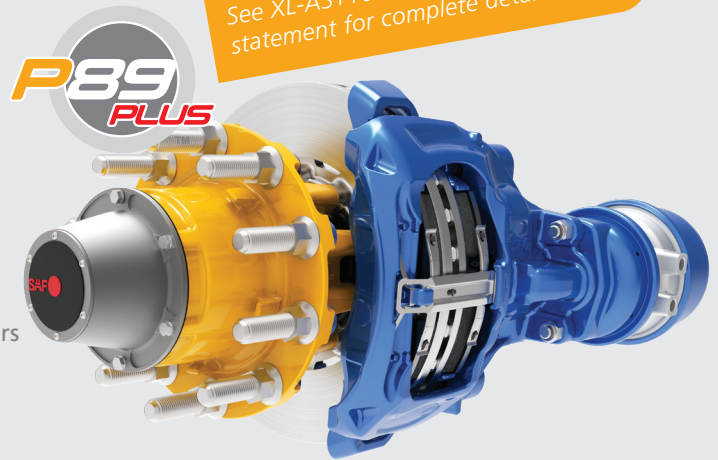
- INTEGRAL rotor
- Premium brake chambers
- Robust parallel spindle
- 7-year warranty (see warranty for complete details)
- Long-life sealed bearings
- Haldex calipers and actuators
- Premium spindle nuts

Proven Design Quality with Genuine Value

All the benefits you expect from the world's leading trailer axle disc brake supplier, at a price point that makes sense for commercial fleets of all sizes.

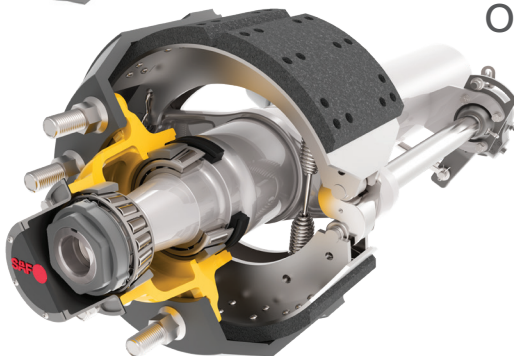
Featuring:

- Heavy-duty vented rotor
- Premium matched set bearings
- Standard 5-year warranty (see warranty for complete details)
- Optional P89 PSP7 wheel end package 7-year warranty (see warranty for complete details)
- Haldex caliper and actuators
- Parallel or taper spindle



Optional SAF SC7 Wheel End Package

Now available with dressed drum brake configuration, complete your CBX AeroBeam Suspension/Axle system with SAF SC7 wheel ends. Featuring 16½" x 7" extended life brake linings, heavy-duty pre-adjusted hub assembly, optimized bearing spacers, advanced long lasting seals and bearings, and an extended peace of mind 7-year warranty.



Optional SAF SC5 Wheel End Package

Now available with dressed drum brake configuration, complete your CBX AeroBeam Suspension/Axle system with SAF SC5 wheel ends. Featuring 16½" x 7" extended life brake linings, industry standard hub, long lasting seals and bearings, and a peace of mind 5-year warranty.

Optional Enhanced Tire Pressure Management System



The Tire Pilot™ Plus system is now electronically controlled for enhanced fuel economy and tire life.

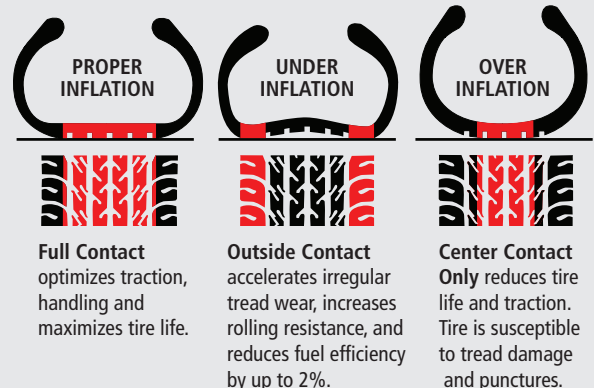
Optional Tire Pilot™ Plus not only controls pressure through inflation, but also maintains equal pressure across all wheels and features high pressure relief for overinflated tires. The robust design sets it apart from competitive designs with durable components.

- Automatically responds to small leaks caused by road hazards like nails and metal debris.
- System warning light alerts the driver ONLY when there is a need to immediately seek service.
- Diamond knurled hose connections at both hubcaps and tire valve ends allow installation and replacement without a wrench.
- The stainless steel air hose connections are ported through the sides of the hubcap and are protected between the integrated fins.
- High Pressure Relief feature maintains equal and proper pressure for all tires.
- Tire Pilot™ Plus can easily be specified on CBX and ULX Series suspensions, or is available as a simple retrofit on existing trailers.
- Can save over \$750 per year per trailer*.

* TMC RP235 reports the following – Tires underinflated by 10% will wear 9% to 16% faster than properly inflated tires. Underinflated tires add roll resistance that can reduce fuel economy by as much 2%. The average fleet loses \$750 USD per trailer each year due to improperly inflated tires.



Proper Air Pressure is Critical to Tire Life



SAF DLX Fixed Frame Spring Suspension Axle System

Also Available for specialty trailers

DURALITE® suspensions deliver more strength where it's needed, and eliminate weight where it's not.

- Significantly reduced weight and maintenance costs
- An industry-leading warranty program
- High-strength, 80,000 lb. yield steel construction
- Oversized hangers with wider attachment areas to reduce sub-frame stress
- More durable equalizer bushings with twice the life of typical thinner bushings

UP TO 25,000 lbs.
(11,340 kg) PER AXLE
CAPACITY**

***With properly specified leaf springs*



**Now Featuring Haldex
Calipers and Actuators**

OPTIONAL
P89 Series
AIR DISC BRAKES

The P89 spindle design provides fleets the flexibility to choose the desired wheel end offsets.

The P89 is designed with the North American fleet owner in mind – a durable, long life system that is easily maintained. The more robust spindle is optimized for specialty trailer applications. The P89 is engineered to accept industry standard single wide-based wheels with up to 2" offsets and dual wheel configurations.

NOTE: Axle is derated to 20,000 lbs. with 1.13" and 2.0" offset wheels.

ULX40 Specifications

ULX40

FEATURES	STANDARD	OPTIONS
Ride Heights	13¼" to 18"	NA
Slider Width	48"	42", 54"
Patented QWIK RELEASE® Pull Arm	•	
Air Release		•
Assembled System	•	
Slider Configured to Accommodate 6" Center 1⅝" Body Rails	•	
Slider Configured to Accommodate 4" Center 1⅝" Body Rails		•
Air Tank, Mud Flap & Stinger Brackets		•
HOLLAND Upper Slider Rails		•

STANDARD DRUM BRAKE AXLE PACKAGE

FEATURES	STANDARD	OPTIONS
Axle Track	77½"	71½", 81½", 83½"*
Spindle	Taper	Parallel
Drum Brake	16½" x 7"	16½" x 8⅝"
Extended Life Linings	SAF Standard 20kk	SAF Standard 23k
Tire Inflation Prep:	Drilled & Tapped Only	•
	Tire Pilot™ Plus	•
Cam Enclosures		•
Dust Shields		•
SAF SC5 Wheel End Package (5-Year System)		•
SAF SC7 Wheel End Package (7-Year System)		•

OPTIONAL P89 SERIES AIR DISC BRAKE AXLE PACKAGE

FEATURES	STANDARD	OPTIONS
Axle Track	77½"	71½", 81½", 83½" *
P89 (5-Year System)	•	
P89 PSP7 (7-Year System)		•
P89 Plus (7-Year System)	•	
Spindle – P89	Parallel	Taper
Spindle – P89 PSP7	Parallel	Taper
Spindle – P89 Plus	Parallel	NA
Calipers – Haldex Single Piston	•	NA
Tire Inflation Prep:	Drilled & Tapped Only	•
	Tire Pilot™ Plus •	•

SUSPENSION SYSTEM WEIGHTS	ULX40**
Undressed Drum Brake Axle (16.5" x 7" braked axle only – no slack adjusters or brake actuators)	1,286 lbs.
Dressed Drum Brake Axle (Includes steel hubs/drums, bearings, oil, slack adjusters and brake actuators)	2,056 lbs.*
P89 Plus Air Disc Brake Axle	1,986 lbs.***

* Optional Lightweight dressed drum brake wheel ends available - 130 lbs. lighter.

** The ULX40 suspension slider is the lowest weight system in its class when configured as closed spaced tandem, 48" wide, 77.5" track axles.

*** Optional lightweight ADI disc brake hubs available – 132 lbs. lighter.

Engineering Your Road to Success

The SAF-HOLLAND® Group is one of the leading international manufacturers of suspension-related assemblies and components for trailers, trucks and buses. Our innovative products increase the efficiency, safety and environmental friendliness of commercial vehicles, contribute to the success of our customers. With around 5,500 employees worldwide, we are at the forefront of shaping the future of the transportation industry.



Trailer Axles and
Suspension Systems



Coupling and Lifting
Technologies



Brake Solutions and
Air Valve Technologies



Suspensions and Components
for Commercial Vehicles



Suspensions for
Trucks and Buses



Trailer
Telematics



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Trailer Axles and
Suspensions Systems

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