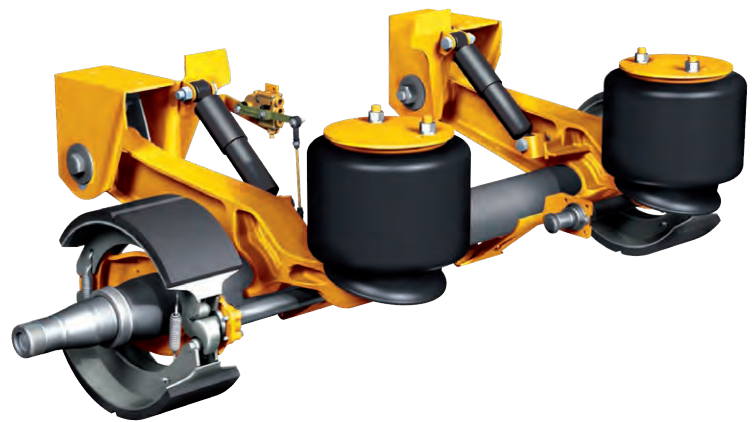




SAF-HOLLAND Group

HOLLAND CB2300 SERIES

ON/OFF ROAD
AIR SUSPENSION/
AXLE SYSTEM FOR
GRAIN, FLAT AND
STANDARD DUTY
APPLICATIONS



CB2300 AIR SUSPENSION/AXLE SYSTEM

23,000 LBS. (10,433 KG) CAPACITY

FORWARD MOUNT SHOCKS

Utilized design saves OEM installation time and increases under trailer space for other amenities.

AIR CONTROLS

Standard air control with or without integral dump. Optional air control kits feature precision response leveling with state-of-the-art ceramic disk technology, efficient 3/8" push-to-connect hose fittings and integral dump.

CAST TRAILING ARM

Integral cast beam design optimizes critical strength-to-weight ratios maximizing durability and strength.

AIR SPRINGS

Multi-ported air inlets provide plumbing flexibility. High volume 3/8" ports are offset for simple installation.

SwingAlign™

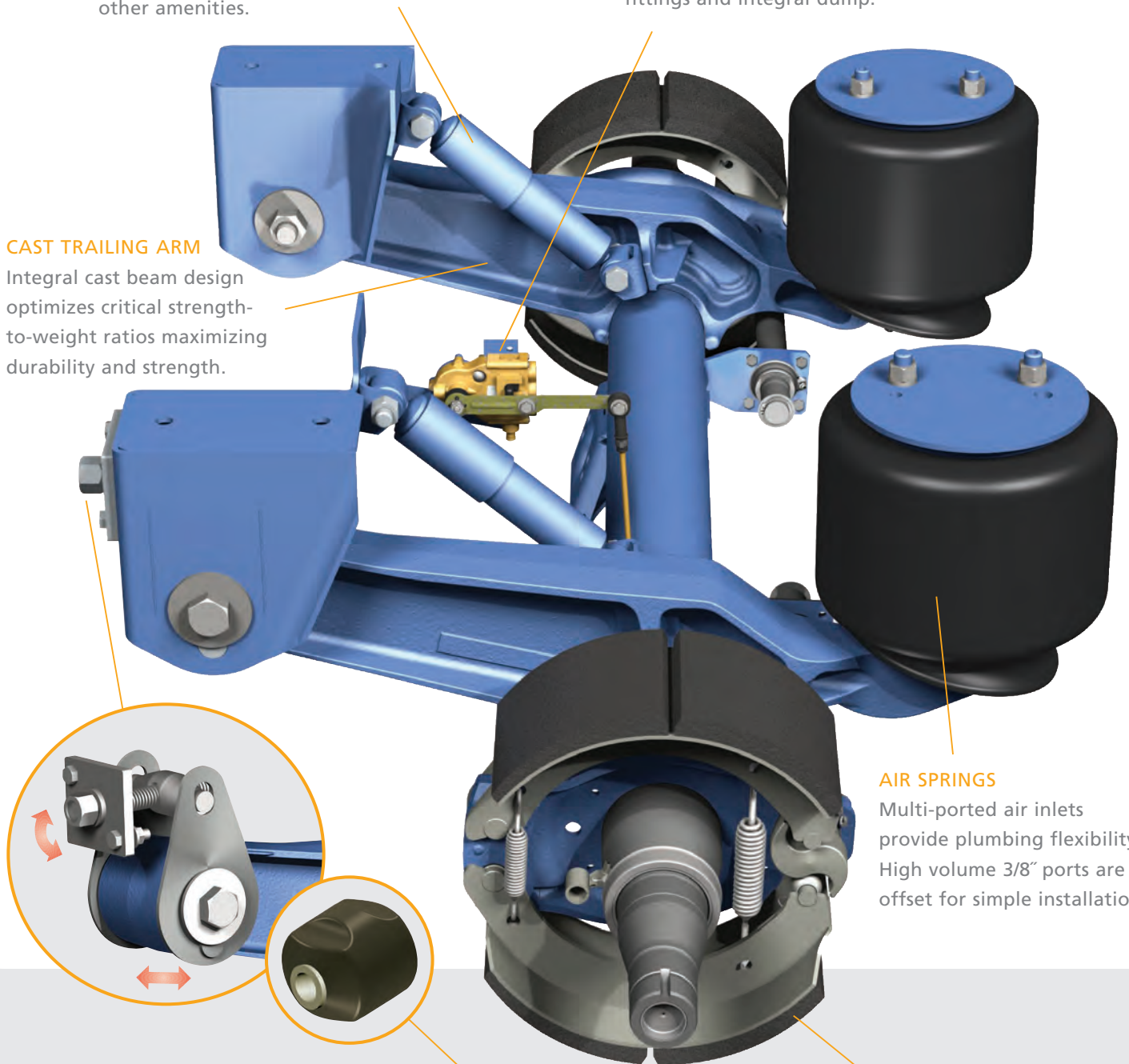
The industry's fastest and most convenient axle alignment system requires no replacement parts or disassembly. Axle alignment is achieved by direct adjustment of the lead screw, requiring less than 250 ft. lbs. of torque.

MULTI-FUNCTIONAL BUSHING

Simple exterior void design prolongs bushing life and optimizes ride quality.

BRAKE LININGS

Extended life brake linings are standard.



STANDARD FEATURES

- SwingAlign – Advanced axle alignment mechanism
- Fully assembled
- Air springs with 3/8" ports

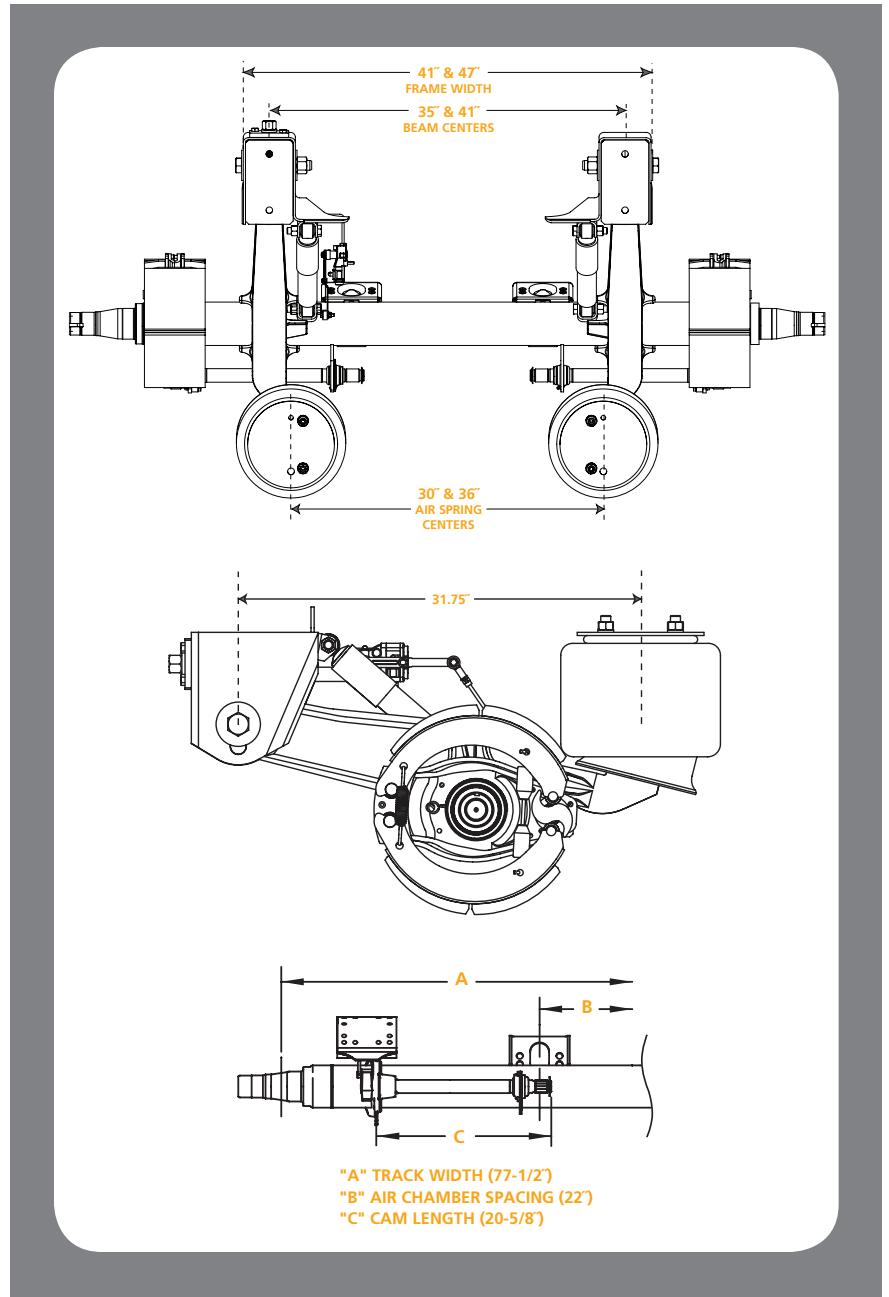
STANDARD SAF AXLE PACKAGE INCLUDES

- SAF 5" Round 5/8" Wall Axle
- 77-1/2" Track with ABS Blocks
- Tapered Spindles
- 16" x 7" Standard Duty Brakes
- 28 Spline Brake Cam, 20-5/8"

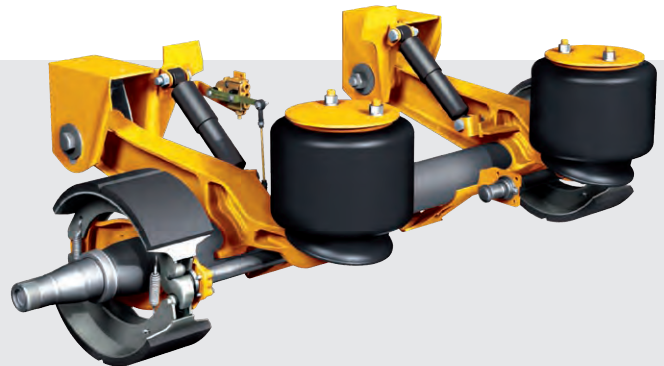
OPTIONS

- Parallel Spindles
- Camber Axle
- Prepped for Tire Inflation
- Cam Boots
- Integral Precision Response Valve (available w/ and w/o integral dump)
- 16" x 8 5/8" Brakes
- Black Armour™ Corrosion Protection

Contact SAF-HOLLAND Trailer Suspension Application Engineering for non-standard configurations and special applications.



CB2300 SERIES SPECIFICATIONS				
AXLE TRACK	RIDE HEIGHT			
	14"	15"	16"	17"
71.5"	11081013	11081014	11081015	11081016
77.5"	11081021	11081022	11081023	11081024



SAF QUALITY. EXCEPTIONAL PERFORMANCE.

SAF trailer axles can deliver the reliability and performance needed to survive in today's demanding environment. That's why SAF trailer axles make SAF-HOLLAND suspension systems one of the best in the industry today.

PROVEN DESIGNS. SAF-HOLLAND QUALITY.

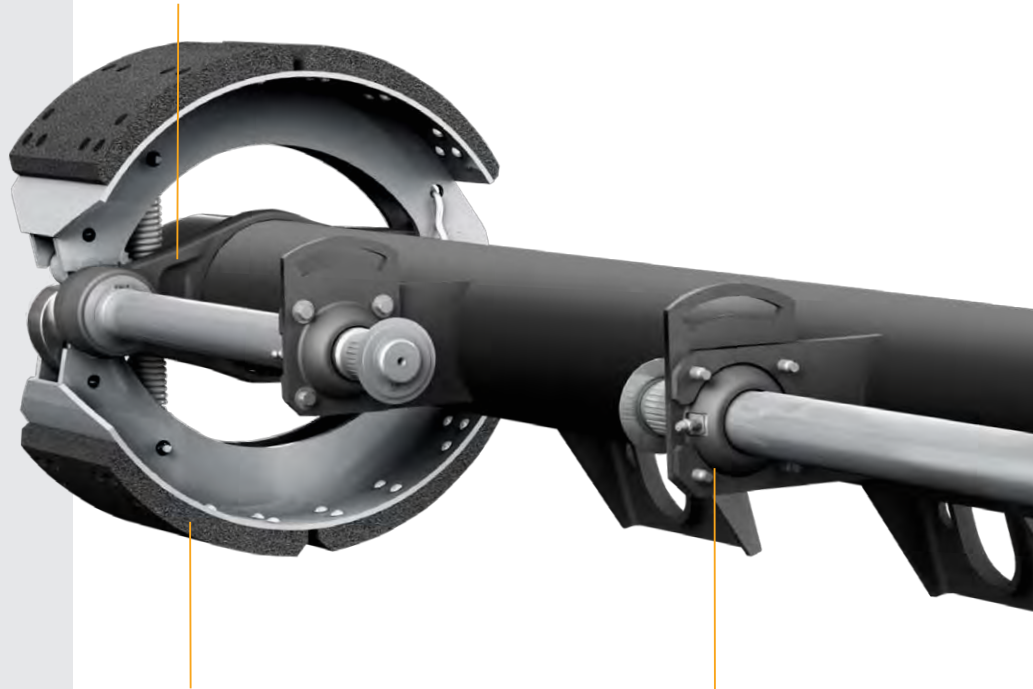
SAF trailer axles are the product of the shared expertise and experience of SAF-HOLLAND's global engineering network. From extensive laboratory to rigorous real-world testing, SAF axle designs have been proven against the most challenging conditions. Using state-of-the-art design practices and technologies, SAF-HOLLAND technicians and engineers build performance, durability and value into every CB2300 Suspension System axle.



CB2300 WITH SAF 1000 SERIES 5" TRAILER AXLE

FORGED SPIDERS

A robust and solid brake foundation maintains even brake wear, improves braking performance and extends brake life.



INDUSTRY STANDARD BRAKES & BRAKE HARDWARE

By incorporating industry standard brake hardware, replacement parts are economical and easy to find. Industry standard linings provide braking performance to meet a wide range of applications and needs.

TWO-PIECE CAM BUSHINGS

SAF design allows for cam change without hub removal to reduce downtime and lower maintenance costs. The SAF cam design also offers the choice of forward or rear cam application.

MANUFACTURED IN NORTH AMERICA

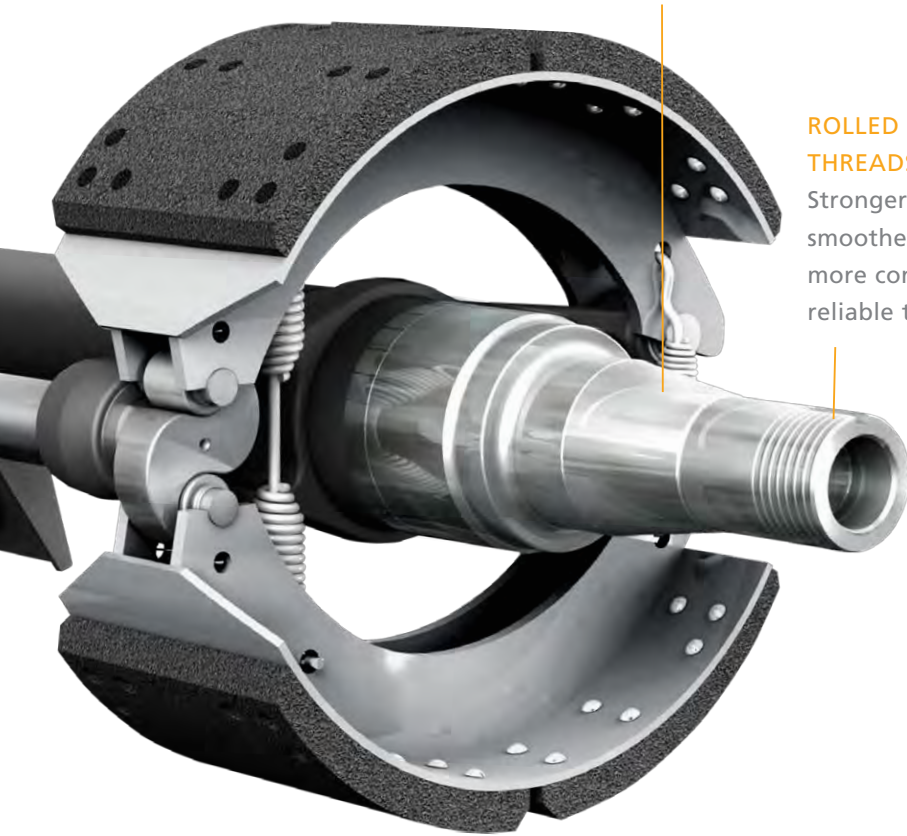
SAF-HOLLAND has invested in new axle manufacturing facilities in North America, featuring the most advanced manufacturing concepts and expertise currently available to the industry. All axle designs are validated by FEA modeling and run through an extensive battery of laboratory tests to ensure that every SAF Trailer Axle meets SAF-HOLLAND's highest standards for quality, performance and durability.

PRECISION ENGINEERING

Axle tube body is precisely aligned with spindle ends to provide easy and efficient installation, extended tire life and lower cost per mile.

TAPERED OR PARALLEL SPINDLE

Choice of tapered or parallel spindle design to match your system and application specifications.



ROLLED SPINDLE THREADS

Stronger threads are smoother and provide more consistent and reliable torquing.

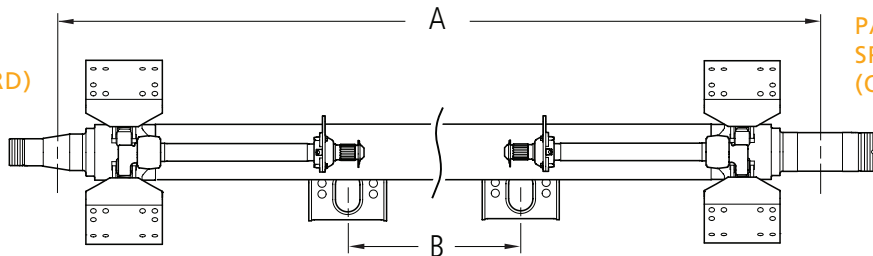


ADVANCED CORROSION & IMPINGEMENT PROTECTION

Optional Black Armour Corrosion Protection available for the CB2300 Suspension/Axle System. Unlike paint or powder coatings, Black Armour chemically bonds with the metal to form a protective skin that is impervious to moisture and anti-icing chemicals. Black Armour will never shrink, yet it remains flexible to resist gravel impingement. If scratched, Black Armour prevents the spread of corrosion (rust creep). Black Armour does not require a top-coat, but if necessary, it can be top-coated without pre-sanding.

TAPERED SPINDLE (STANDARD)

PARALLEL SPINDLE (OPTIONAL)



WALL THICKNESS	BRAKE SHOE	"A" AXLE TRACK	"B" CHAMBER BRACKET	ABEX BRAKE LINING	CAM LENGTH (MEDIUM)	TIRE INFLATION PREP
5/8"	16.5" x 7"	77.5"	21.87"	3030-197	20.38"	YES
5/8"	16.5" x 7"	71.5"	15.87"	3030-197	20.38"	YES
5/8"	16.5" x 8 ^{5/8} "	77.5"	19.97"	3030-197	20.38"	YES
5/8"	16.5" x 8 ^{5/8} "	71.5"	13.97"	3030-197	20.38"	YES

INDUSTRY STANDARD BEARINGS

TAPERED SPINDLE:
HM212049 / HM212011
HM218248 / HM218210

PARALLEL SPINDLE:
HM518445 / HM518410

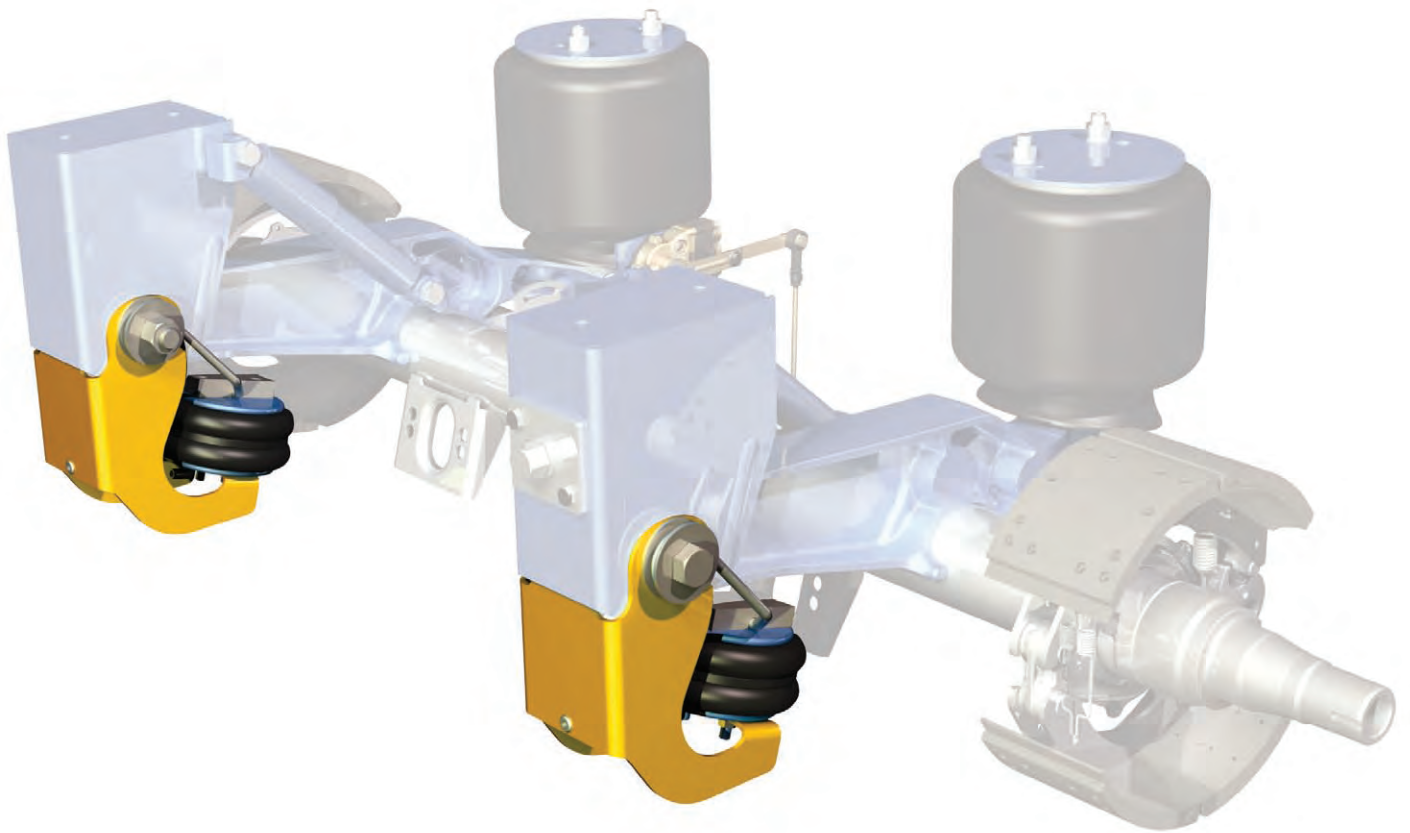
NOTE: Spindle Nuts NOT Included

CB2300 WITH POSILIFT™

POSILIFT™ INCREASES YOUR BOTTOMLINE.

PosiLift™ adds flexibility to the CB2300. This new lightweight lifting system allows the operator to increase payload at the flip of a switch. Lifiable axles provide many benefits, including: increased payload capacity, extended tire life, greater operational versatility, higher fuel efficiencies, and improved trailer maneuverability.

Designed with simplicity and durability in mind, PosiLift™ is the lightest, simplest to install, and easiest to maintain axle lift system in the industry. The CB2300 with PosiLift™ creates one of the lightest weight liftable axle suspension systems available.



CB2300 WITH POSILIFT™ WORKS WITH THESE TRAILER APPLICATIONS

▶ End Dumps
▶ Livestock

▶ Tankers
▶ B-trains

▶ Straight Platforms
▶ Specialty Trailers

▶ Grain and Gravel



POSILIFT™ FEATURES

ONE SIZE FITS ALL

Regardless of ride height, the PosiLift™ fits all CB2300 models.

▶ Lightweight and Compact

Each bracket is under 25 lbs. — little added weight equals maximum pay load.

▶ Simple Design – Under-Axle Lift

require no special brackets, which saves time, resources, and money.

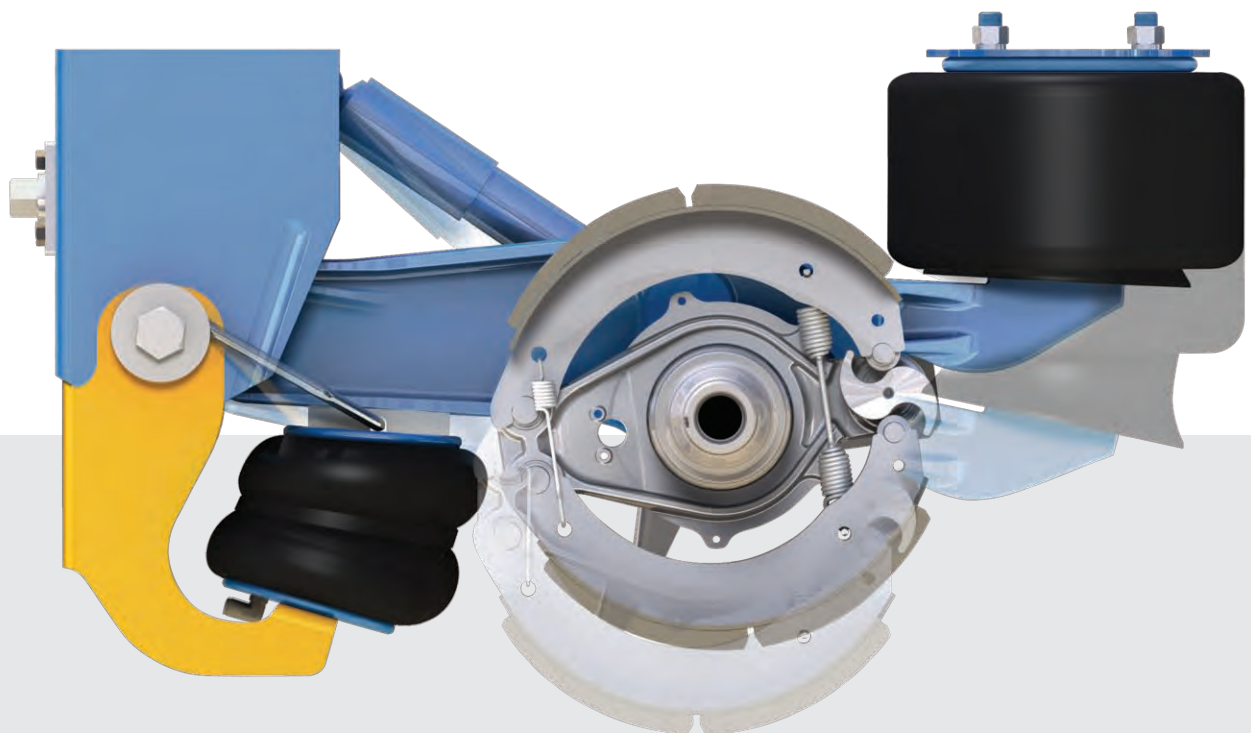
▶ Easy To Install – Pre-assembled Pivot Brackets

with air spring, swing arm, bearing block, push-to-connect air fittings, and air line grommets ensure easy installation.

▶ **Easy To Install – Pre-assembled Pivot Brackets**
with air spring, swing arm, bearing block, push-to-connect air fittings, and air line grommets ensure easy installation.

▶ **Long Life Design Stabilizing Bar**
eliminates drilling or welding on the trailing arm beams, preserves the life of the air lift spring by eliminating the wear that occurs when the suspension is in motion, and further simplifies installation.

▶ **Strong and Capable of Lifting Twice the Weight**
of a fully dressed axle that uses large, dual 11R22.5 tires. Extra strength keeps the axle from bouncing down the road when fully lifted.





SAF's legacy started in 1881 when Paul Zill, a blacksmith from Keilberg, Germany developed the Zill two-way plow for the agricultural industry. Mr. Zill's blacksmith shop expanded into a small family operation as popularity for his plow grew and agricultural axles were added to the product line. Time passed - and the family operation evolved to become Otto Sauer Achsen Fabrik (SAF), a leader in the design and manufacture of integrated axle and suspension systems for commercial trailers.

Similar to SAF, Holland's legacy also started in the agricultural industry in 1910 with the introduction of a safety release hitch for horse drawn plows. Founding father, Gerrit Den Besten, began the "Safety Release Clevis Company" in Corsica, South Dakota. The company found new market opportunities in the automotive industry and moved operations to Holland, Michigan. Renamed The Holland Hitch Company, the family owned business grew into a global supplier in the commercial transportation industry.

Today - these two historical companies are together as SAF-HOLLAND, a global leader in the design, manufacture, and distribution of quality engineered components, systems, and services to the commercial vehicle industry.

SAF-HOLLAND specializes in coupling, lifting, and suspension systems for trucks, buses, tractors, and trailers. SAF-HOLLAND products are sold and serviced under the SAF and Holland brand names from over 4,600 distributor and OEM locations around the world.



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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