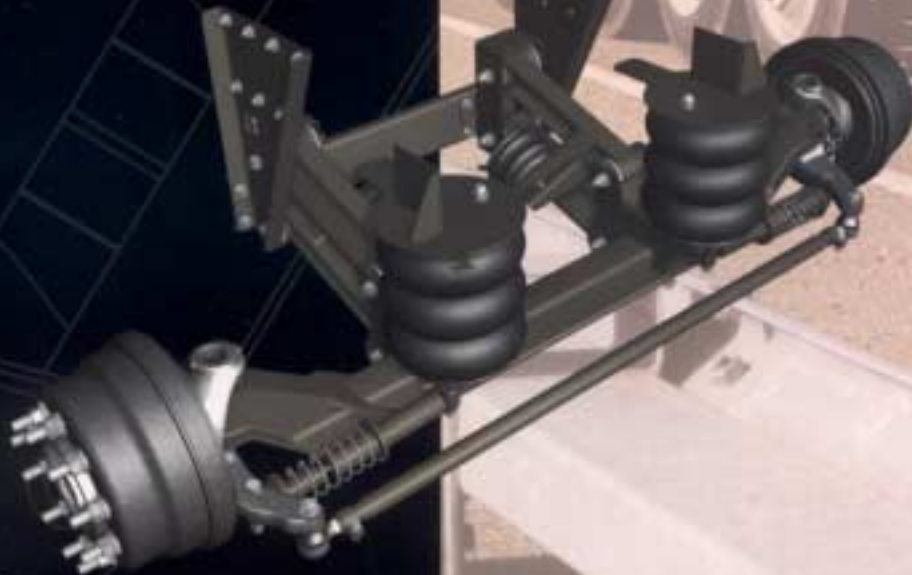


INCREASE
PAYLOAD
PROFITABILITY
WITH OUR
FULL LINE
OF AUXILIARY
LIFT AXLE
SUSPENSIONS.



For The Road Ahead

HHL SERIES
Truck & Trailer Auxiliary
Lift Axle Systems

H HENDRICKSON

HENDRICKSON PARALIFT™ ULTRA SERIES.
THE LIGHTEST LIFT AXLES ARE ALSO THE
TOUGHEST.



More than 70 years experience in making heavy-duty suspension systems has established Hendrickson as the undisputed leader in suspension technology. That's good news for operators who

need to reduce weight—especially in states that enforce the Federal Bridge Formula—without sacrificing durability. Hendrickson's ParaLift™ Ultra systems have earned a reputation as the industry's lightest, most durable line of lift axles. The Ultra axle—the first designed specifically for



the lift axle market—integrates the axle seat into the design to save hundreds of pounds over forged I-beam systems. And ParaLift's true parallelogram design ensures longer tire and air spring life.



Now the lightweight ParaLift Ultra system is available with reverse caster. This reduces stress on the truck's primary

suspension and frame by providing fore and aft movement of the axle. When the truck is in reverse, the auxiliary axle no longer needs to be lifted, increasing productivity and reducing wear and tear on equipment. The Ultra Series also comes in a high lift system for those applications which require a high lift tag axle. Whatever your needs, Hendrickson has an advanced lift axle system to satisfy your requirements.



HENDRICKSON HLUS-2. LIGHTWEIGHT FOR HIGHER PAYLOAD.
COMPACT FOR GREATER VERSATILITY. DESIGNED FOR SIMPLICITY
AND LOW MAINTENANCE.

SIMPLICITY OF DESIGN

Fewer parts allow for easier installation and lower maintenance.

PARALLELOGRAM DESIGN

Parallel lift mechanism ensures proper wheel tracking for longer tire life, and keeps lift plates parallel for longer air spring life. Compact design measures 25.5" from front of hanger bracket to center of axle, allowing more room for other truck components, or mounting with several lift axles.

FRAME HANGERS

Lightweight frame hangers can be installed separately from the rest of the suspension, cutting down on installation time and cost. Frame hangers extend only 2.25" outside of frame rail, making it easier to install other truck components.

LIGHTWEIGHT AXLE

Hendrickson-made Ultra-2 axle, with integral axle seat, saves up to 250 lbs. over conventional forged 1-beam axles. Five-inch axle drop optimizes driveline clearances.

2 PIECE KNUCKLE

New 2 piece construction for improved maintenance.

"Z" LINKAGE BEAM

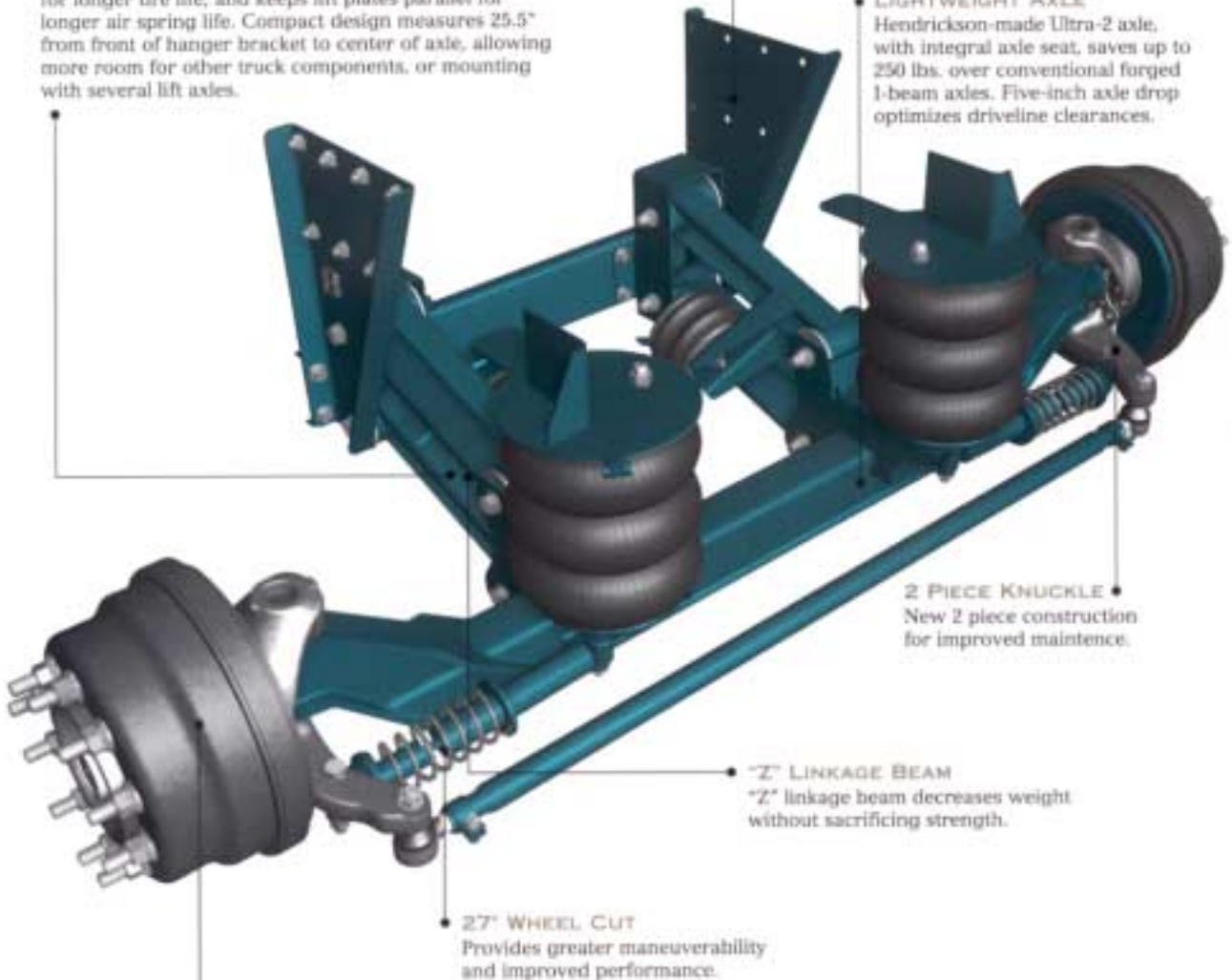
"Z" linkage beam decreases weight without sacrificing strength.

27" WHEEL CUT

Provides greater maneuverability and improved performance.

BRAKES

Industry standard brake components make maintenance quick and easy. Hub-piloted and stud-piloted hubs and drums are standard, with optional lightweight hubs and drums.



THE ULTRA SERIES: A PRODUCT OF HENDRICKSON SYNERGY

Hendrickson's Ultra Series incorporates technology from several Hendrickson divisions. With design expertise from Hendrickson Truck, we reduced the weight of the Ultra Series by hundreds of pounds without sacrificing strength. Robotic welding techniques from Hendrickson Trailer allowed us to build an axle that is as reliable, and lighter, than conventional forged I-beam axles. Advanced machining capabilities allowed us to manufacture the Ultra

Series more cost effectively for our customers.

This synergy within the company allowed us to add to a number of "firsts" at Hendrickson Auxiliary Axle Systems. The Ultra axle is the first axle designed specifically for the auxiliary suspension market. This joins the first parallelogram lift axle, ParaLift, which for the first time ensured proper wheel tracking and longer air spring life.

HLUS-2 PARALIFT ULTRA STEERABLE SYSTEM



ParaLift Ultra Series delivers a substantial weight savings over ParaLift, making it the lightest steerable lift axle in the industry. This weight savings is made possible through the integration of a new, lightweight Ultra-2 axle. HLUS-2 is available with a capacity of 13,200 lbs.

Measuring only 25.5" from forward hanger edge to axle center, HLUS-2 has become especially popular among vocational truck operators who require additional axles to comply with the Federal Bridge Formula. HLUS-2 also provides 9" of lift, 12.5" of axle travel and a 27" wheel cut for excellent maneuverability.

Because all Ultra Series suspensions are members of the ParaLift family, their parallelogram design translates into proper wheel tracking, for longer tire and air spring life. ParaLift Ultra features a reverse lockout or lock-straight option.

HLUR-2 PARAREV ULTRA STEERABLE REVERSE CASTER SYSTEM



Vehicle efficiency is improved when drivers don't need to lift axles every time they back up. The HLUR-2, rated at 13,200 lbs. capacity, has a caster changing mechanism that enables the suspension to steer in both forward and reverse. The system minimizes stress on the truck frame and primary suspension. The improved caster changing mechanism now utilizes one industry standard air chamber per side, which means fewer parts and less installation time.

The Ultra-2 axle system of the HLUR-2, with its integral axle seat design, reduces weight considerably over the conventional forged I-beam axle. As a member of the Ultra Series, HLUR-2 provides 13" total axle travel and 27" wheel cut.

HLUH PARALIFT ULTRA HIGH LIFT SYSTEM



With a weight of 1,175 lbs., HLUH is the lightest integrated high lift air suspension, axle, and brake system in the industry. The Hendrickson-made Ultra axle system, with integral axle seat, achieves a weight savings of hundreds of pounds over conventional axles.

Applications include operations in which a high lift tag axle is necessary, yet reduced weight is preferable—such as mixer or block trucks. The self-steer axle of the HLUH improves tire life and fuel economy.

With a 25" wheel cut for excellent maneuverability, HLUH provides 20" of lift with up to 24" of axle travel. Rated up to 10,000 lbs., HLUH is perfect for operators who need a high lift suspension, for maneuverability in construction site terrain.

**HLP PARALIFT
STEERABLE
SYSTEM**



ParaLift delivers a steerable lift axle when capacities over 13,200 lbs. are needed or an existing axle will be utilized. Measuring 27.5" from forward hanger edge to axle center, it permits multiple axle configurations and allows more room for other truck components. The innovative parallelogram design provides substantially longer tire life and the parallel operation of the unique lift plates ensures longer lift air spring life.

Rated from 16,000 lbs. to 20,000 lbs., ParaLift delivers up to 9" of lift and 12" of axle travel for excellent ground clearance and provides a wheel cut of up to 25°. ParaLift features optional reverse lockout, as well.

**HLM-2
NON-STEERABLE
SYSTEM**



The HLM-2 Series provides a high capacity, traditional, non-steer lift axle. With a lightweight beam that allows for more payload capacity, the HLM-2 has achieved significant weight reduction without sacrificing durability. HLM-2 models are rated up to 22,000 lbs., and are available in pusher, tag or full drop axle configurations. The compact design of the HLM-2 allows short axle-to-axle spacing, and accommodates 9.5" of axle travel.

The HLM-2 features Hendrickson's patented Tri-Functional® bushing, which works to control movement generated by braking, acceleration and irregular road surfaces. In addition, Quik-Align® dramatically reduces the effort for axle alignment and realignment by not requiring welding during the alignment process.

**HLK SERIES
AIR CONTROL
SYSTEM**

Hendrickson Air Control Systems use simplified numbering systems for easy ordering. You will never worry that you have ordered the wrong system for your lift axles. Common components have been integrated, making installation easier than ever. Color coded push-to-connect fittings also reduce installation time.

HLK Systems come in single, dual, and triple air panels for all applications. So whether you have one, two, or three lift axles, and whether they are steerable or non-steerable, all your controls are conveniently located on one simple panel. Inside-the-cab or outside-the-cab models are available. All HLK Systems include gauge, regulator, quick release valve, protector valve and switch.

**HLN PARALIFT
NON-STEERABLE
SYSTEM**



Based on the durable ParaLift design, the HLN non-steer, round axle lift is the lightest system available. It also provides up to 9" of lift, with a total travel of 12" and weighs as little as 360 lbs. With a 13,200-lb. capacity, the HLN is packaged on a standard 5" round axle, and is available in bolt-on or weld-on trailer applications or for truck mount.

Extremely compact, the HLN measures only 27.5" from forward hanger edge to axle center. Four triangular shaped beams with attached inboard air lift springs connect the hanger and axle seats to form a parallelogram, which prolongs the life of the air springs. Heavy-duty, low stress pivot bushings used throughout provide longer wear.

HLUS-2 SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount	Hendrickson Self Steer 5" Drop	12.5"	13,200 lbs.	Susp. with Axle, Hub and Drums 970 lbs.
Trailer Weld-On	Hendrickson Self Steer 5" Drop	12.5"	13,200 lbs.	Susp. with Axle, Hub and Drums 940 lbs.
Air Kits:	HLK-SSI Standard Truck HLK-STI Triple Control Setup	HLK-SSO-01 Standard Trailer with Outside Box HLK-RSI Standard Truck with Reverse Lock-Out		HLK-SDI Dual Control Setup

HLUR-2 SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount	Hendrickson Self Steer 5" Drop	13"	13,200 lbs.	Susp. with Axle, Hub and Drums 1,140 lbs.
Trailer Weld-On <i>Will be available soon</i>	Hendrickson Self Steer 5" Drop	13"	13,200 lbs.	Susp. with Axle, Hub and Drums 1,110 lbs.
Air Kits:	HLK-ASI Standard Truck	HLK-ADI Dual Control Setup		HLK-ATI Triple Control Setup

HLUH SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount	Self Steer 5" Drop	24"	10,000 lbs.	Susp. Kit 1,175 lbs.
Air Kits:	HLK-SSI Standard Truck HLK-STI Triple Control Setup	HLK-SSO-01 Standard Trailer with Outside Box HLK-RSI Standard Truck with Reverse Lock-Out		HLK-SDI Dual Control Setup

HLP SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount	Forged I-Beam Self Steer 3.5/5.6" Drop	12"	8,000-20,000 lbs.	Susp. Kit 405 lbs.
Trailer Weld-On	Forged I-Beam Self Steer 3.5/5.6" Drop	12"	8,000-20,000 lbs.	Susp. Kit 363 lbs.
Trailer Bolt-On	Forged I-Beam Self Steer 3.5/5.6" Drop	12"	8,000-20,000 lbs.	Susp. Kit 375 lbs.
Air Kits:	HLK-SSI Standard Truck HLK-STI Triple Control Setup	HLK-SSO-01 Standard Trailer with Outside Box HLK-RSI Standard Truck with Reverse Lock-Out		HLK-SDI Dual Control Setup

HLN SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount*	5" Round	12"	10,000-13,200 lbs.	Susp. Kit 405 lbs.
Trailer Weld-On	5" Round	12"	13,200 lbs.	Susp. Kit 363 lbs.
Trailer Bolt-On	5" Round	12"	13,200 lbs.	Susp. Kit 375 lbs.
Air Kits:	HLK-NSI Standard Truck	HLK-NSO-01 Standard Trailer with Outside Box		
* Lightweight axle, hub and drums are offered at 10,000-lb. capacity.				

HLM-2 SPECIFICATIONS

MODEL STYLE	AXLE TYPE	TOTAL TRAVEL	CAPACITY	APPROX. WEIGHT
Truck Mount with Quik-Align System	5" Round	9.5"	16,000-22,000 lbs. for Tag 16,000-22,000 lbs. for Tag	Susp. Kit 468 lbs.
Trailer Weld-On with Quik-Align System	5" Round	9.5"	22,000 lbs.	Susp. Kit 448 lbs.
Air Kits:	HLK-NSI Standard Truck	HLK-NSO-01 Standard Trailer with Outside Box		

MONROE TRUCK EQUIPMENT

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Muskegon, WI (715) 387-8445
Joliet, IL (815) 727-3134
Fleet, NH (810) 238-4603

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