



Integrated Front Air Suspension and Steer Axle System

AIRTEK® integrated front air suspension and steer axle system delivers more benefits to owners, drivers and technicians



AIRTEK's superior design and engineering improves roll stability versus standard suspensions. Its exclusive air springs support a majority of the load, greatly increasing driver comfort. Premium rubber bushings are incorporated to aid in the isolation of noise, vibration and harshness, which helps protect valuable cab components and contributes to AIRTEK's exceptional ride quality. AIRTEK assists in protecting drivers from bumps and potholes, providing a premium ride while maintaining constant ride height.

The AIRTEK suspension, combined with Hendrickson's STEERTEK™ NXT fabricated axle, is up to 97 pounds lighter than traditional forged axle and steel springs designed to improve load capacity and help enhance fuel efficiency.



To learn more about AIRTEK,
call 855.743.3733 or visit
www.hendrickson-intl.com

HENDRICKSON
The World Rides On Us®

AIRTEK® Features and Benefits

Stability and Handling

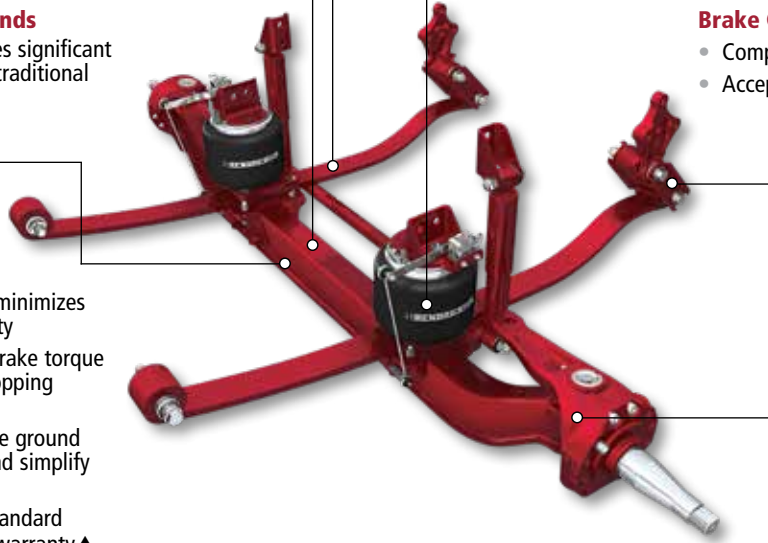
- Leaf spring assembly forms a torsion system with the axle to increase roll stability*

Weight Savings Up To 97 Pounds

- AIRTEK's unique design provides significant weight savings compared to a traditional forged axle and steel springs

STEERTEK™ NXT Axle

- The box-shaped cross section resists horizontal, vertical and twisting forces more effectively than traditional I-beam axles
- Continuous beam architecture minimizes stress points for added durability
- Accommodates the increased brake torque needed to meet FMVSS-121 stopping distance regulations
- Integrated axle seats to improve ground clearance, reduce part count and simplify assembly
- STEERTEK NXT comes with a standard 10-year, 1 million mile limited warranty▲



Improved Ride and Comfort

- Exclusive air springs support a majority of the load to provide a low spring rate and to improve ride*

Brake Compatibility

- Compatible with drum or disc brakes
- Accepts both 5/8" and 3/4" brake hardware

Reduced Maintenance

- Unique two-piece knuckle design eliminates the need to remove the kingpin to service the knuckle
- Durable rubber front and rear bushings require no lubrication
- Premium kingpin bushings and seals provide enhanced protection from the elements to improve bushing life
- Quick "snap" installation feature of air spring and "push-to-connect" air supply design provides efficient installation and removal of air springs and height control valves

▲ 10-year, 1 million mile limited warranty covers certain structural components only. Warranty coverage applies to the axle beam, steering arm, knuckle assembly and kingpin when used in applications approved by Hendrickson and within the proper guidelines of the product. Warranty does not cover components experiencing normal wear. Contact Hendrickson for full warranty details and limitations.

* Compared to two-leaf spring assembly suspensions

AIRTEK® Specifications

MODEL	SUSPENSION RATING (lbs.)	SUSPENSION WEIGHT ¹ (lbs.)	AXLE	AXLE RATING (lbs.)	AXLE BEAM DROP ² (inches)	KINGPIN INTERSECTION (inches)	AXLE WEIGHT ³ (lbs.)
AIRTEK®	12,000 / 12,500	200	STEERTEK™ NXT	12,000 / 12,500	4.25	69.0	319
AIRTEK	12,000 / 12,500	200	STEERTEK NXT	12,000 / 12,500	5.36	69.0	320
AIRTEK	12,000 / 12,500	200	STEERTEK NXT	12,000 / 12,500	5.36	70.9	322
AIRTEK	12,000 / 12,500	200	STEERTEK NXT	12,000 / 12,500	5.36	70.9	323
AIRTEK	13,200	246	STEERTEK NXT	13,200	4.25	70.9	357
AIRTEK	13,200	246	STEERTEK NXT	13,200	5.36	70.9	359
AIRTEK	14,600	246	STEERTEK NXT	14,600	4.25	69.0 / 70.9	354 / 357
AIRTEK	14,600	246	STEERTEK NXT	14,600	5.36	70.9	359

AIRTEK is integral to and available exclusively with the STEERTEK NXT axle. Contact Hendrickson or vehicle manufacturer for availability.

1. Suspension weight includes frame hangers, main springs, bushings, air springs and attachments, height control system, shock absorbers, upper shock brackets and axle clamp group. Weight may vary depending on vehicle. Contact Hendrickson or vehicle manufacturer for final weight.
2. Axle beam drop is measured from the kingpin intersection to the top of the leaf spring seat.
3. Axle weight includes the axle beam, knuckle / steering arm assemblies and tie rod assemblies.

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.

Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson at **630.910.2800** or **855.RIDERED (743.3733)** for additional information.



TRUCK COMMERCIAL VEHICLE SYSTEMS

800 South Frontage Road
Woodridge, IL 60517-4904 USA
855.RIDERED (743.3733)
630.910.2800 • Fax 630.910.2899

www.hendrickson-intl.com

45745-194 Rev N 01-20

© 2008 – 2020 Hendrickson USA, L.L.C. All Rights Reserved. All trademarks shown are owned by Hendrickson USA, L.L.C., or one of its affiliates, in one or more countries.

Information contained in this literature was accurate at the time of publication. Product changes may have been made after the copyright date that are not reflected.

Printed in United States of America