

SOFTEK®

Lightweight, Integrated Front Steer Axle and Monoleaf Suspension System for Heavy-Duty Vehicles



- Efficiency begins at the front end



Launching in 2026 at Peterbilt, SOFTEK® combines the lightweight STEERTEK™ NXT axle with monoleaf spring technology and a traditional axle clamp group design, offering commercial fleets increased payload capacity and operational efficiency. Integrated Air Disc Brake (IADB) knuckles are available to remove even more weight from commercial vehicles. The SOFTEK system is designed for heavy-duty truck and tractor applications rated for 12,500 and 13,200 pound capacities. SOFTEK is available exclusively on Peterbilt 567 and 579 models in Set Back Axle (SBA) chassis configurations.



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

HENDRICKSON
The World Rides On Us®

SOFTEK® Features and Benefits

STEERTEK™ NXT Axle Warranties

- Standard 10-year, 1-million-mile limited Structural Warranty*
- Standard 5-year, 750,000 mile limited Spindle-to-Spindle Warranty*
 - Covering kingpin bushings, kingpins, thrust bearings, tie rods and tie rod ends

Shackle Redundancy

- Replaces the need for a second leaf, providing weight reduction



Monoleaf Spring Suspension

- Reduces weight compared to standard two-leaf springs
- Eliminates inter-leaf friction for improved ride and comfort
- Provides enhanced handling

Rubber Bushings

- Reduces maintenance and front-end noise
- Requires no lubrication
- Threaded bushing option available

Integrated Air Disc Brake Knuckle (IADB)

- Eliminates the need for separate torque plate and fasteners
- Reduced part count allows for greater weight savings
- Standard knuckle option available



Lightweight STEERTEK NXT Axle and Traditional Clamp Group Design

- The box-shaped cross section resists horizontal, vertical and twisting forces more effectively than traditional I-beam axles which improves handling
- Continuous beam architecture minimizes stress points for added durability
- Traditional U-bolt orientation allows for ease of assembly and service

Steering and Tie Rod Arms

- Integrated for increased strength and reduced weight

DESCRIPTION	CAPACITY	WEIGHT SAVINGS† (VS. COMPARABLE SYSTEM)
SOFTEK®	12,500 lbs.	up to 74 lbs.
SOFTEK®	13,200 lbs.	up to 85 lbs.

Ease of Maintenance

- The unique two-piece knuckle design eliminates the need to remove the kingpin to service the bushings
- Premium kingpin bushings and seals provide enhanced protection from the elements to improve bushing life and extend recommended service intervals up to 100,000 miles**

† Weight savings versus comparable front wide track axles with two-leaf spring suspensions

The SOFTEK system is available exclusively with the STEERTEK NXT axle. Contact Hendrickson or Peterbilt for availability.

* Please refer to the current version of Hendrickson Literature No. 45745-271 for complete terms, conditions and information

** Contact Hendrickson for full service interval details and limitations

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, operation, service and maintenance instructions.

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



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