

- Maximise handling
- Maximise stability
- Maximise durability



To learn more about HPAS,
call Hendrickson or visit our global
websites for additional information.

HPAS™ High-Performance Air Suspension - Air Strut Suspension and Intelligent Air System

Hendrickson's HPAS™ is designed for flexibility and performance while increasing vehicle functionality by replacing traditional coil springs, air bags or damper technology with one complete system. Our comprehensive offering includes air struts and a customisable ride height control system including manual or remote control. The HPAS can reduce suspension weight over systems with conventional coil springs and dampers, while providing a packaging reduction over traditional air struts and air bags. Overall design enhances vehicle performance, durability, roll stability and ride quality. The HPAS is your pass to handling, durability and stability in today's challenging environment.

Features and Benefits

Suspension System Benefits / Capabilities

- Programmable ride heights for various terrains
- Packaging and weight reduction over traditional air bags or coil springs
- Debris and environmental resistance
- Easy vehicle retrofit packages
- Adaptable to multiple axle combinations

System Performance

- Patented intelligent ride height control system▲ maintains desired position
- Integrates with existing OEM software interface
- Improves vehicle handling and roll stability
- Adaptable to multiple loads, increasing payload capability while maintaining ride quality

▲ This product is covered by at least one or more U.S. and/or foreign patents and/or pending U.S. and/or foreign patent applications. See Hendrickson for details.



Customizable manifold and ECU that provide high performance ride height control for severe load demanding conditions.

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.

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