

H HAS™ SERIES Single-axle Air Suspensions

- Superior driver comfort
- Cargo and equipment protection
- Extended vehicle life



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

H HENDRICKSON
The World Rides On Us®

HAS™ SERIES Suspension Specifications

HAS provides the advantage of air to deliver increased driver comfort, superior cargo protection, longer equipment life, less downtime and lower life cycle costs. Designed for multiple applications including beverage, fire rescue, sweepers, recycling vehicles, sweepers, tanker tractors, RVs, on-highway vans, school buses and commercial bus applications.

Main Support Members

- Designed and manufactured by Hendrickson with advanced materials and process technology
- Substantial reductions in spring weight and increased strength

Frame Hangers

- Designed for lightweight and maximum durability

Compatible with disc brakes

Axle Connection

- Wide seats provide a secure axle connection and axle integrity

Air Springs

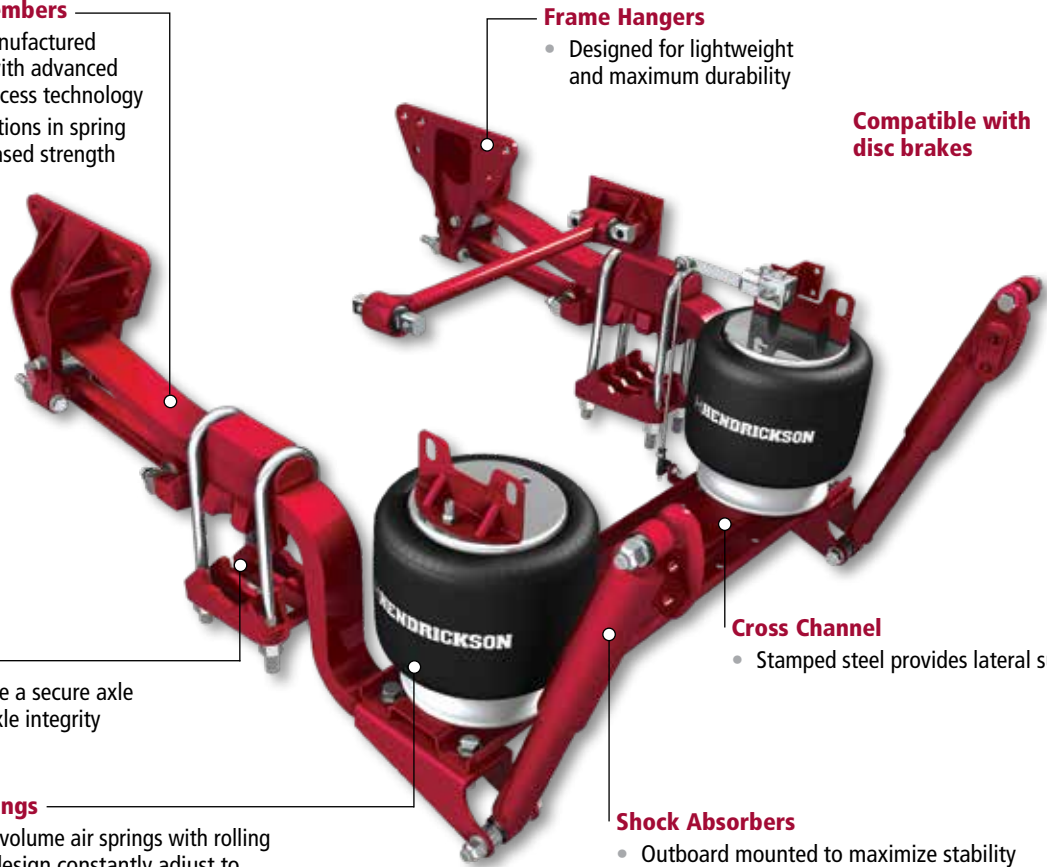
- Large volume air springs with rolling lobe design constantly adjust to changing road conditions to deliver superior ride quality

Cross Channel

- Stamped steel provides lateral support

Shock Absorbers

- Outboard mounted to maximize stability
- Inboard mounted shock configuration available



Specifications	HAS 120	HAS 150	HAS 190	HAS 210	HAS 230
Suspension Capacity	12,000 lbs.	15,000 lbs.	19,000 lbs.	21,000 lbs.	23,000 lbs.
Suspension Weight ¹	396 lbs.	396 lbs.	423 lbs.	454 lbs.	470 lbs.

Typical Applications: Beverage trucks, buses, emergency vehicles, recycling vehicles, sweepers, tanker tractors, RVs and on-highway vans. Contact Hendrickson if you have any questions regarding an air suspension application not listed.

1. Installed weight includes complete suspension, torque rods, axle and frame brackets and all hardware.

All listed applications must comply with applicable Hendrickson specifications and must also be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson and the respective vehicle manufacturer for approval of additional applications.

For additional details regarding specifications, applications, capacities, and operating, service and maintenance instructions contact Hendrickson or respective vehicle manufacturer directly.

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

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



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45745-080 Rev G 02-20

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Printed in United States of America