

瀚瑞森 **HSDS™**

Hendrickson Severe Duty System HSDS™

SUMMARY

With hundreds of thousands of Hendrickson suspensions on trailers running on- and off-road, these models have been the suspensions of choice throughout the world in virtually every trailer application for decades.

The Hendrickson Severe Duty System HSDS™ delivers rugged dependability and outstanding ride quality and control for curtainsiders, platform trailers, tippers, tankers and container chassis.

Our patented TRI-FUNCTIONAL® Bushing in unison with a rigid beam and rigid axle connection provides the ideal combination of ride softness and roll stability. With only two long-life bushings for each suspension, HSDS provides a straight-forward, functional design with few parts to minimize maintenance.

Available with drum brakes, the HSDS supplies responsive, consistent braking power in a reliable and durable package. In addition, standard QUIK-ALIGN® provides fast, easy, accurate axle alignment using standard tools.



FEATURES AND BENEFITS

Conventional Ride Heights

- Suspension capacities offered up to 13t (metric tonnes)
- Ride heights from 390 to 570mm
- A wide range of track widths and frame centers available
- Available with auxiliary rebound limiter
- Quad shocks available for off-road, severe-duty applications

TRI-FUNCTIONAL® Bushing

- Proven technology provides mile after mile of worry-free service
- Voids positioned to optimally absorb all road forces
- The ideal combination of ride softness and roll stability
- Specially formulated rubber compound stands up to the toughest operating conditions
- Only two long-life bushings in each suspension

Rigid Trailing Arm/Rigid Axle Connection

- Simplicity of design reduces the number of moving parts, bushings and fasteners for minimal maintenance
- Provides superior stability while eliminating torque rods and stabilizer bars
- Eliminates retorquing requirements
- Low spring rate for exceptional ride quality

QUIK-ALIGN® Pivot Connection

- Provides quick, easy axle realignment
- Save time and money should axle realignment become necessary
- TORQ-RITE® shear bolt eliminates guesswork
- Realign using standard tools — no torque wrench or welding required
- Optimize tire life

FEATURES AND BENEFITS *continued*

Hendrickson Trailer Axles

AXLE FEATURES

- Axle capacities available up to 13t (metric tonnes)
- Wide range of axle tracks available
- Patented axle filter protects the wheel-ends from contamination

DRUM BRAKES FEATURES

- Heat treated components for durability
- Forged spiders for rigidity
- Available 420mm drum brake diameters in various widths
- Standard S-cam lengths and numerous other lengths available
- Cam tube (cam cover) options extend cam life
- Dust shields standard



All Hendrickson Severe Duty Systems are backed by an industry-leading warranty and Hendrickson's "world-class" customer and technical support.

SPECIFICATIONS

Base Model	Maximum Suspension System Capacity (metric tonnes)	Maximum Axle Capacity (metric tonnes)	Ride Heights ¹ (mm)
HSDS™	Up to 13.6t	Up to 13t	390 to 570

¹ Suspension ride heights must be set within Hendrickson specifications in order to provide load equalization among axles and to ensure proper suspension performance. Failure to maintain proper ride height settings can lead to suspension, axle or trailer damage.

www.hendrickson-intl.com.cn



Trailer Suspension Systems
2070 Industrial Place SE
Canton, OH 44707-2641 USA

866.RIDEAIR (743.3247)
330.489.0045
Fax 800.696.4416

Hendrickson China
Suite 2111, China Merchants Tower
161 Lu Jia Zui Road(E), Pudong
Shanghai 200120, China

+86 21 5876 2512
+86 21 5876 5710
Fax +86 21 5876 1577