



ZERO MAINTENANCE DAMPING® Exclusive Ride Technology



- Exclusive patented ride technology
- No shocks needed
- Uniform and consistent suspension damping



Exclusive, Patented Ride Technology

With a reputation for innovative ride solutions, Hendrickson once again raises the bar with its patented ZMD® ZERO MAINTENANCE DAMPING® technology. ZMD is only available through Hendrickson and ushers in a superior era of ride quality and enhanced maintenance savings.

No Shocks Needed

Available on select VANTRAAX®, INTRAAX® and INTRAAX® SP systems and standard on ULTRAA-K® systems, ZMD eliminates conventional shock absorbers and integrates the damping function into the air spring. ZMD air springs exchange pressurized air through channels that interconnect the bellows and piston of this patented air spring.

Uniform Damping, Reduced Maintenance

Unlike a shock absorber whose damping capacity is finite and deteriorates with age, ZMD air springs are designed to provide continuous damping over the life of the air spring. Robust down stops provide maximum durability which helps reduce labor, costs and maintenance over the life of the trailer.

* Contact Hendrickson for complete warranty terms, conditions and limitations.

** Contact Hendrickson Technical Services before conducting wheel-end service or repairs.

To learn more about ZMD, call 866.743.3247
or visit www.hendrickson-intl.com

HENDRICKSON
The World Rides On Us®

ZMD® Features and Benefits

Patented Air Spring

- Superior ride quality and driver comfort
- Reduced overall suspension maintenance
- Uniform damping levels over the life of the air spring
- Enhanced cargo protection
- Increased trailer component life

Robust Down Stop

- Reduced labor and costs
- Less maintenance
- Reduced risk of roadside inspections and CSA violations



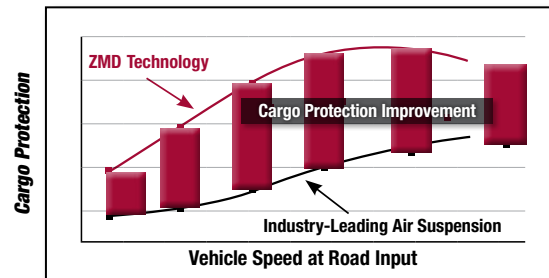
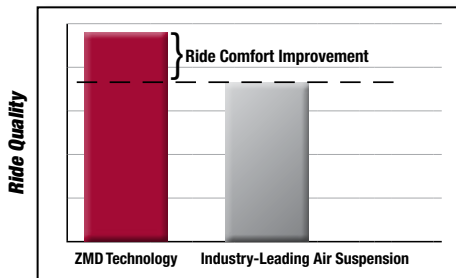
WARRANTY TERMS

ITEM	PARTS	LABOR
ZMD® "Shockless" Ride Technology		
ZMD Air Springs	3 years	3 years
ZMD Down Stops	3 years	3 years
Traditional Air Springs & Shock Absorbers		
Air Springs	2 years	1 year
Shock Absorbers	2 years	2 years

*See L583 Comprehensive Warranty Statement or contact Hendrickson for complete warranty terms, conditions and limitations.

Tested and proven ride technology from Hendrickson

Hendrickson's state of the art research and development, testing and real-world driving evaluations have shown that ZMD® technology provides superior suspension damping, which offers enhanced ride quality, driver comfort and cargo protection.



Specifications

MODEL	SYSTEM CAPACITY	AXLE DIAMETER	RIDE HEIGHTS	NOTES
ULTRA-A-K®				
UTKNT 40K	40,000 lbs.	LDA™ Large-Diameter Axle	16"	Standard
VANTRAAX®				
HKANT 40K	40,000 lbs.	LDA	16"	Optional; Requires QUIK-DRAW
HKANT 46K	46,000 lbs.	LDA	16", 17"	Optional; Requires QUIK-DRAW
HKANT 23K	23,000 lbs.	LDA	16", 17"	Optional; Requires QUIK-DRAW
HKANT 69K23	69,000 lbs.	LDA	16", 17"	Optional; Requires QUIK-DRAW
HKAT 50K	50,000 lbs.	LDA	16", 17", 18"	Optional; Requires QUIK-DRAW
HKAT 69K25	69,000 lbs.	LDA	16", 17", 18"	Optional; Requires QUIK-DRAW
HKAT 75K25	75,000 lbs.	LDA	16", 17", 18"	Optional; Requires QUIK-DRAW
INTRAAX®				
AANT 23K	23,000 lbs.	LDA	14", 15", 16", 17"	Optional; Standard travel only
AAT 23K*	23,000 lbs.	LDA	14", 15", 16", 17"	Optional; Standard travel and limited rebound*
AAT 25K*	25,000 lbs.	LDA	14", 15", 16", 17", 18", 19"	Optional; Standard travel and limited rebound*
INTRAAX® SP				
AAZNT 23K	23,000 lbs.	LDA	13.5", 14", 15", 16", 17"	Optional
AAZNT 46K	46,000 lbs.	LDA	13.5", 14", 15", 16", 17"	Optional
AAZNT 69K23	69,000 lbs.	LDA	13.5", 14", 15", 16", 17"	Optional

*RCA Raised-Center Axle is available on AAT 23K / 25K models equipped with ZMD for both standard and limited rebound travel. Only 14" or 16" ride heights are available with limited rebound travel when specifying RCA.

These products are 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.

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 330.489.0045 or 866.RIDEAIR (743.3247) for additional information.



www.hendrickson-intl.com



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