

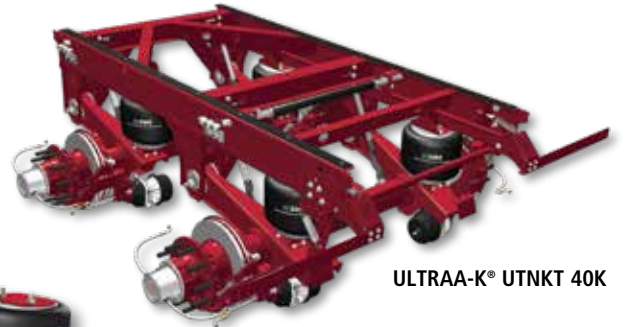
- Exclusive patented ride technology
- No shocks needed
- Uniform & consistent suspension damping



VANTRAAX<sup>®</sup> HKANT 40K



INTRAAX<sup>®</sup> AAT 23K



ULTRAA-K<sup>®</sup> UTNKT 40K



INTRAAX<sup>®</sup> AANT 23K

### Exclusive, Patented Ride Technology

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

### No Shocks Needed

Available on select VANTRAAX<sup>®</sup> and INTRAAX<sup>®</sup> systems and standard on ULTRAA-K<sup>®</sup> 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.

To learn more about ZMD technology, call 866.743.3247 or visit [www.hendrickson-intl.com](http://www.hendrickson-intl.com)

# 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

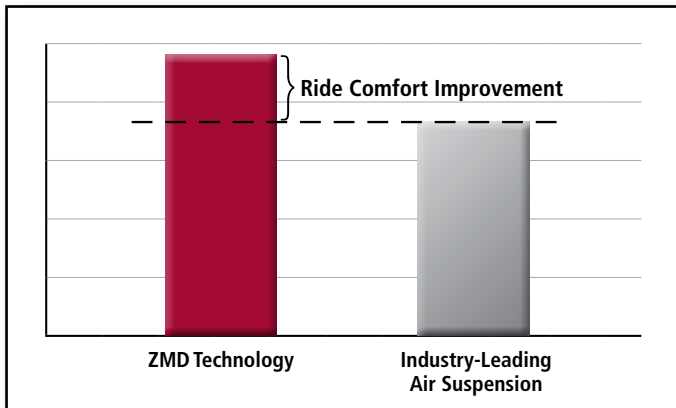


WARRANTY TERMS		
ITEM	PARTS	LABOR
ZMD "Shockless" Ride Technology		
ZMD Air Springs	3 years	3 years
ZMD Down Stops		
Traditional Air Springs & Shock Absorbers		
Air Springs	2 years	1 year
Shock Absorbers	2 years	2 years

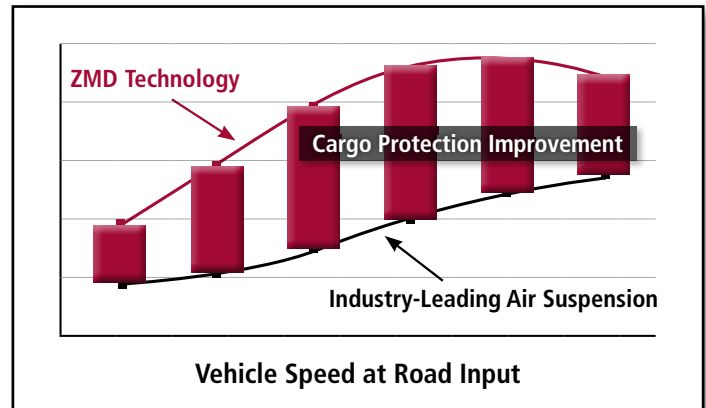
\*See L583 Comprehensive Warranty Statement or contact Hendrickson for complete warranty terms, conditions and limitations.

## 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 translates to unmatched ride quality, driver comfort and cargo protection.



Ride Quality



Cargo Protection

## Specifications

MODEL	SYSTEM CAPACITY (pounds)	AXLE DIAMETER (inches)	RIDE HEIGHTS (inches)	NOTES
<b>ULTRAA-K®</b>				
UTKNT 40K	40,000	LDA™ Large-Diameter Axle	16	Standard
<b>VANTRAAX®</b>				
HKANT 40K	40,000	LDA	16	Optional; Requires QUIK-DRAW®
<b>INTRAAX®</b>				
AANT 23K	23,000	LDA	14, 15, 16, 17	Optional; Standard travel only
AAT 23K*	23,000	LDA	14, 15, 16, 17	Optional; Standard travel and limited rebound*

\*RCA Raised-Center Axle is available on AAT 23K 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.

Call Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.



[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

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