

- Trusted name
- Superior axle design
- Application versatility



#### Trusted Name

Worldwide OEMs, fleets and owner-operators put their trust in INTRAAX®. With a well-deserved reputation for low maintenance and durability, AAL models deliver the proven benefits of INTRAAX technology to trailer designs for low-ride height or liftable suspensions.

#### Superior Axle Design

Hendrickson's INTRAAX AAL product line features the 5¾-inch LDA™ Large-Diameter Axle. The road-proven LDA axle reduces weight, improves performance, increases axle stiffness and improves durability.

#### Application Versatility

The sleek, low-profile design of AAL models cover a wide range of ride heights, from low-deck trailers to high-clearance off-highway operations. The exceptional axle travel of this system also makes the AAL an ideal liftable suspension. Teamed with our UBL™ UNDER BEAM LIFT™, this lift axle combo provides excellent ground clearance when raised.



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

# INTRAAX® AAL Features and Benefits

## TRI-FUNCTIONAL® Bushing

- Rigid trailing arm and solid axle connection for optimum ride softness and stability

## Standard Trailer Cam Tube System™

- Enhances S-cam alignment and helps extend life of brake components
- Short 10-inch S-cam reduces windup and bushing wear for responsive, consistent, stopping power

## Brake Component Mounting

- Welded to trailing arms rather than axle; minimizes axle stress

## Neutral-toe Axle

- Helps increase fuel economy and tire life
- Straight tracking

## LDA™ Large-Diameter Axle

- Trims weight compared to 5-inch axle, allowing more cargo per load
- Bending and torsional stiffness increased for rugged durability
- Greater roll stability
- Reduced deflection under load

## QUIK-ALIGN® Pivot Connection

- Fast and easy axle alignment
- Requires no welding or special tools

## Advanced Axle Wrap and Window Weld

- Provides optimal structural integrity



## Value-Added Options

- RTR® READY-TO-ROLL® wheel-end options reduce weight, enhance durability and lower maintenance
    - HXL3® Hendrickson Extended-Life 3-year System™ features a three-year limited on-highway warranty\*
    - HXL5® Hendrickson Extended-Life 5-year System™ features a five-year limited on-highway warranty\*
    - HXL7® Hendrickson Extended-Life 7-year System™ features a seven-year limited on-highway warranty\*
      - Available with Outboard Mounted Rotor technology for enhanced serviceability
  - TIREMAAX® tire inflation system helps maximize tire life and maintain peak fuel mileage
  - HXS® Hendrickson Extended Service™ brakes extend intervals between brake service
  - UBL™ UNDER BEAM LIFT™ is a lightweight mechanism which offers cost savings and operational flexibility
  - Rear shock options available
  - Air disc brakes available (requires rear shock option)
- See RTR READY-TO-ROLL Wheel-End flyer - Literature No. L1200  
 See TIREMAAX PRO Brochure - Literature No. L1199  
 See UBL UNDER BEAM LIFT Flyer - Literature No. L727

See RTR READY-TO-ROLL Wheel-End flyer - Literature No. L1200

\*Contact your local Hendrickson representative for complete warranty terms, conditions and limitations.

## Specifications

MODEL	MAXIMUM CAPACITY (lbs.)	AXLE RATING <sup>1</sup> (lbs.)	AXLE DIAMETER	RIDE HEIGHTS (Inches)	APPLICATION WEIGHT (lbs.)
AAL 23K	23,000	23,000	LDA™	6.5, 7.5, 8, 9, 12, 14, 15, 16, 17, 19	570
AAL 25K	25,000	25,000	LDA	6.5, 7.5, 8, 9, 12, 14, 15, 16, 17, 19	586
AAL 30K	30,000	25,000	LDA	9, 12, 14, 15, 16, 17, 19	612

<sup>1</sup>Axle structure rating only. Brakes rated separately.

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.

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



www.hendrickson-intl.com

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