



**AANLS 20K / AAL 23K / AAL 25K
AAL 30K / AAEDL 30K
SPECIFICATIONS**

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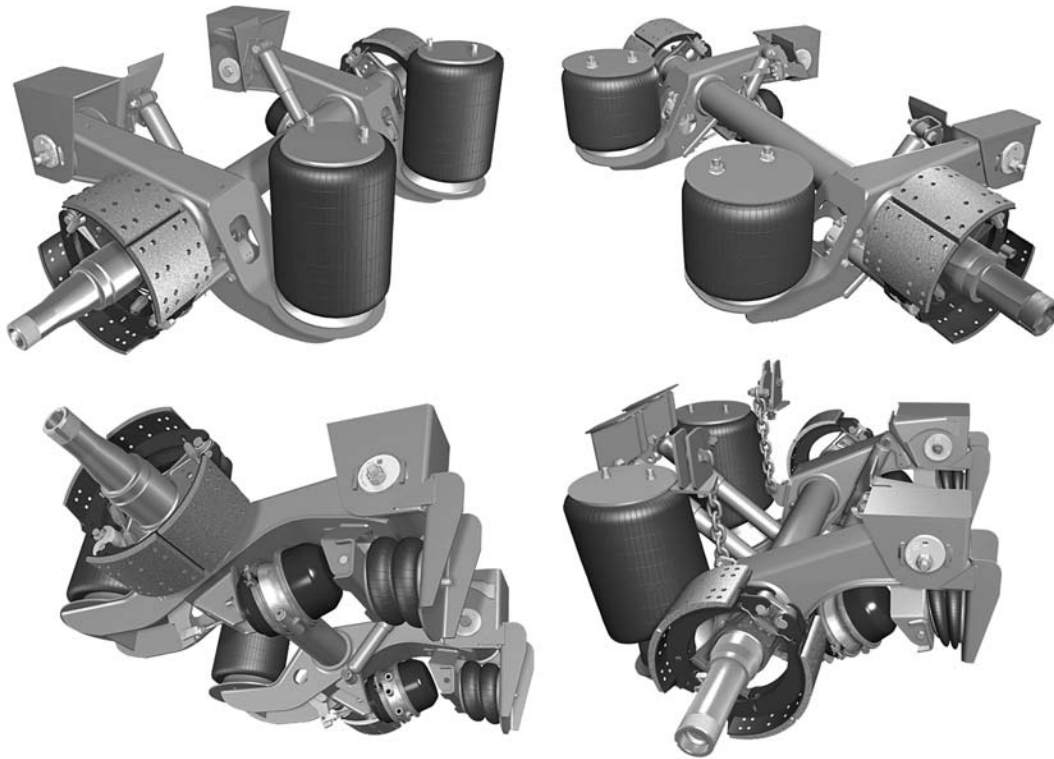


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AANLS 20K



*CAPACITY	20,000 lbs. (9 100 kg)	
TRAILER TYPES	UNITED STATES & CANADA On-highway Autohauler Drop-Frame van High-Cube van Pup van	MEXICO, CENTRAL & SOUTH AMERICA None
AXLE ARRANGEMENT	Single; Tandem up to 60-inch maximum spacing; Tri- or quad-axle up to 144-inch maximum total spacing	
FRAME TYPES	Steel 96- or 102-inch wide trailers	
BASE MODEL DESCRIPTION	INTRAAX® low-ride suspension/axle, 6.25-inch ride height, weld-on winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles, standard shock absorbers, 16.5 x 7-inch brakes with Abex 3030-197 brake lining and ABS brackets. Cam Tube System included as standard.	
BASE MODEL WEIGHT	518 lbs.	
OTHER OPTIONS	Additional options include extended-service/high-damping shock absorbers, shock straps, rear-mounted shock absorbers. Ride heights ranging from 6.25 to 12 inches are available, as well as choices for 73, 75.5, 76.5, 77.5, 83.5 and 85-inch axle track, 16.5 x 8.625-inch or 15 x 8.625-inch brakes, HP or HUS® spindles and dust shields. Contact your Hendrickson representative to discuss these and other options, including a variety of READY-TO-ROLL®, brake and wheel-end packages.	

**Capacity refers to suspension and axle ratings. Ratings for brakes and wheel-end components differ depending upon options chosen.*

SPECIFICATIONS

SUSPENSION — AANLS 20K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND (inches)
6.25	1.9	5
7	2.6	4.3
9	2.8	3.8
12	3.3	3.4

AANLS 20K/AAL 23K/AAL 25K/AAL 30K/AAEDL 30K — SPECIFICATIONS



AAL 23K



AAL 25K

*CAPACITY	23,000 lbs. (10 400 kg)		25,000 lbs. (11 300 kg)	
TRAILER TYPES	UNITED STATES & CANADA	MEXICO, CENTRAL & SOUTH AMERICA	UNITED STATES & CANADA	MEXICO, CENTRAL & SOUTH AMERICA
	Drop-Deck Platform Lowboy Dump — Bottom Discharge Tanker Grain Livestock Curtain-Side	None	Platform Lowboy Drop-Deck Dump Tanker Grain Livestock Curtain-Side	Van/Reefer Drop Frame Van Auto Hauler Container Chassis Platform Lowboy Drop-Deck Grain Livestock Curtain-Side
AXLE ARRANGEMENT	Single; Tandem up to 122-inch maximum spacing; Tri- or quad-axle up to 144-inch maximum total spacing			
FRAME TYPES	Steel, aluminum or composite; 96- or 102-inch wide trailers			
BASE MODEL DESCRIPTION	INTRAAX® low-ride/liftable suspension/axle, 6.5-inch ride height, weld-on, winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles, standard shock absorbers, 16.5 x 7-inch brakes with Abex 3030-197 brake lining and ABS brackets. Cam Tube System included as standard.			
BASE MODEL WEIGHT	578 lbs.		601 lbs.	
OTHER OPTIONS	Additional options include wingless and bolt-on frame brackets, extended-service/high-damping shock absorbers, shock straps, rear-mounted shock absorbers, rebound limiters and HIGH CONTROL. Ride heights ranging from 6.5 to 19 inches are available, as well as choices for 73, 76.5, 77.5, 83.5 and 85-inch axle track, 15 x 8.625-inch brakes, HP or HUS® spindles and dust shields. Contact your Hendrickson representative to discuss these and other options, including a variety of READY-TO-ROLL®, brake and wheel-end packages.			

*Capacity refers to suspension and axle ratings. Ratings for brakes and wheel-end components differ depending upon options chosen.

SPECIFICATIONS

SUSPENSION — AAL 23K/AAL 25K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND ¹ (inches)
6.5	2.3	4.5
7.5	3.3	3.5
9	4.8	4.2
12	5.3	4.8
14	5.9	4.4

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND ¹ (inches)
15	5.6	3.4
16	5.7	4.3
17	6.0	3.3
19	5.7	3.5

¹Limited rebound is also available

AANLS 20K/AAL 23K/AAL 25K/AAL 30K/AAEDL 30K — SPECIFICATIONS



AAL 30K



AAEDL 30K (Extreme-Duty)

*CAPACITY	30,000 lbs. suspension (13 600 kg) 25,000 lbs. axle (11 300 kg)		30,000 lbs. (13 600 kg)	
TRAILER TYPES	UNITED STATES & CANADA Platform Drop-Deck Lowboy Dump	MEXICO, CENTRAL & SOUTH AMERICA Van/Reefer Platform Drop-Deck Lowboy Curtain-Side	UNITED STATES & CANADA Logger Chip Van Dump	MEXICO, CENTRAL & SOUTH AMERICA Platform Drop-Deck Tanker Dump Logger Sugar Cane
AXLE ARRANGEMENT	Single; Tandem up to 122-inch maximum tandem spacing; Tri- or quad-axle up to 144-inch maximum total spacing			
FRAME TYPES	Steel, aluminum or composite; 96- or 102-inch wide trailers			
BASE MODEL DESCRIPTION	INTRAAX® low-ride suspension/axle, 9-inch ride height, weld-on, winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles (AAL 30K) HP spindles, (AAEDL 30K), extended service/high damping shock absorbers, 16.5 x 7-inch brakes with Abex 3030-197 brake lining and ABS brackets. Cam Tube System included as standard.			
BASE MODEL WEIGHT	629 lbs.		665 lbs.	
OTHER OPTIONS	Additional options include wingless and bolt-on frame brackets, shock straps, rear-mounted shock absorbers, rebound limiters and HIGH CONTROL. Ride heights ranging from 9 to 19 inches are available, as well as choices for 73, 76.5, 77.5, 83.5 and 85-inch axle track, 15 x 8.625-inch brakes (AAL 30K), HP spindles (AAL 30K) and dust shields. Contact your Hendrickson representative to discuss these and other options available, including a variety of READY-TO-ROLL®, brake and wheel-end packages.			

*Capacity refers to suspension and axle ratings, except where noted. Ratings for brakes and wheel-end components differ depending upon options chosen.

SPECIFICATIONS

SUSPENSION — AAL 30K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND ¹ (inches)
9	4.5	4.2
12	5.3	4.8
14	5.9	4.4
15	5.6	3.4
16	5.7	4.3
17	6.0	3.3
19	5.7	3.5

SUSPENSION — AAEDL 30K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND ¹ (inches)
9	4.6	4.0
12	5.3	4.6
14	5.9	4.3
15	5.6	3.3
16	5.7	4.2
17	6.0	3.2
19	5.7	3.4

¹Limited rebound is also available

BRAKE OPTIONS (For S-cam Brakes)

The following table is a listing of S-cam brake packages available with INTRAAX®. For complete details of the wide range of brake options available, including lining choices, brake ratings and FMVSS/CMVSS 121 brake certifications, refer to Publication L809.

BRAKE SIZE (inches)	BRAKE RATING (pounds)	AL FACTOR (chamber area × slack length)	TIRE ROLLING RADIUS ("SLR") (inches)
16.5 × 7 standard service	From 17,000 to 23,000	From 132 to 180 (From 24 x 5.5 to 30 x 6.0)	From 17.0 to 20.8
16.5 × 7 HXS® extended service	From 17,000 to 25,000	From 132 to 180	From 17.0 to 20.8
16.5 × 8.625 HXS extended service	From 17,000 to 25,000	From 132 to 180	From 17.0 to 20.8
15 × 8.625 HXS extended service	From 13,700 to 20,000	From 132 to 180	From 14.9 to 17.3

BRAKE CHAMBERS

CHAMBER TYPE	STROKE (inches)	PUSHROD LENGTH (inches)
24/24	STD 2.5	5.63
24/30	STD 2.5	5.63
30/30	STD 2.5	5.63
30/30	LONG 3.0	5.63
30/30 (6 yr.)	LONG 3.0	5.63
30/36	STD 2.5	5.63

SLACK ADJUSTERS

All industry standard 5.5- and 6-inch slack adjusters are compatible.

READY-TO-ROLL®

Choose from a broad mix of offerings to customize running gear for your specific application. Wheel-end options in aluminum, ductile iron or ADI, in a variety of standard and extended service packages, including our HUS® unitized system with a 7-year/750,000-mile warranty. HTIS™ Tire Inflation System also available.

AANLS 20K/AAL 23K/AAL 25K/AAL 30K/AAEDL 30K — SPECIFICATIONS

AXLE

SPINDLE TYPE	WHEEL BEARINGS			
	Inner Cone	Outer Cone	Inner Cup	Outer Cup
HN*	HM218248	HM212049	HM218210	HM212011
HP	HM518445	HM518445	HM518410	HM518410

* Not available on AAEDL 30K

HEIGHT CONTROL VALVE KITS — AAL

DUMP VALVE	NON-DELAY	
	1/4-inch tube fitting	3/8-inch tube fitting
WITHOUT	AKH-225-3	AKH-235-3
ADD-ON	AKHD-225-3	AKHD-235-3

NOTE: Bolted link shown — air kits with clamped link are also available

HEIGHT CONTROL VALVE KITS — AANLS

DUMP VALVE	NON-DELAY	
	1/4-inch tube fitting	3/8-inch tube fitting
WITHOUT	AKH-0265-3	AKH-0275-3

NOTE: Clamped link

LIFT MECHANISM

UNDER BEAM LIFT (UBL) and air controls sold separately.



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