



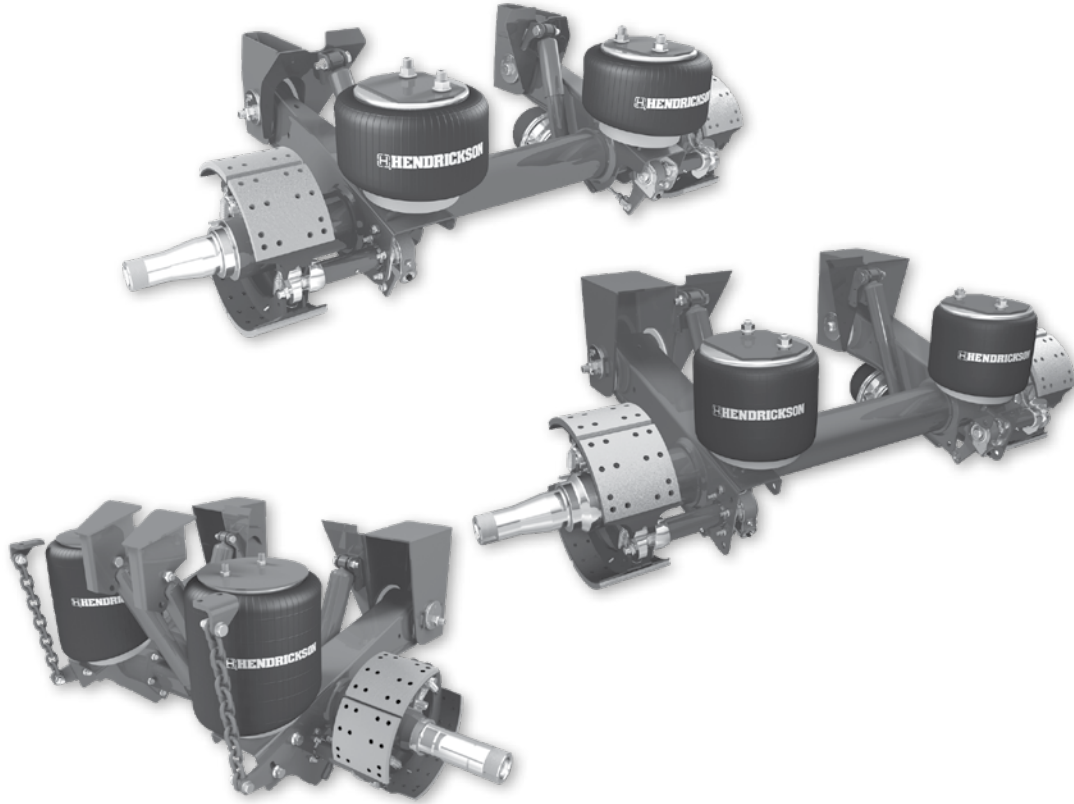
# TOP-MOUNT SPECIFICATIONS

**AANT 23K / AAT 23K / AAT 25K  
AAT 30K / AAEDT 30K**

LIT NO: L600

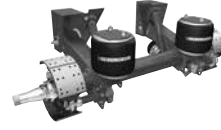
DATE: February 2024

REVISION: M



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**APPLICATIONS****AANT 23K****AAT 23K**

<b>*CAPACITY</b>	23,000 lbs. (10 400 kg)		23,000 lbs. (10 400 kg)	
<b>TRAILER TYPES</b>	<b>UNITED STATES &amp; CANADA</b>	<b>MEXICO, CENTRAL &amp; SOUTH AMERICA</b>	<b>UNITED STATES &amp; CANADA</b>	<b>MEXICO, CENTRAL &amp; SOUTH AMERICA</b>
	Container Chassis	None	Container Chassis	None
	Platform		Platform	
	Dump — Bottom Discharge		Dump — Bottom Discharge	
	Tanker		Tanker	
	Grain		Grain	
	Pup		Pup	
	Dolly		Dolly	
<b>AXLE DATA</b>	5.75-inch LDA™ Large-Diameter Axle			
<b>AXLE ARRANGEMENT</b>	Single; tandem up to 122-inch maximum spacing Tri- or quad-axle up to 144-inch maximum total spacing			
<b>FRAME TYPES</b>	Steel, aluminum or composite; 96- or 102-inch wide trailers			
<b>BASE MODEL DESCRIPTION</b>	INTRAAX® top-mount suspension, 14-inch ride height, weld-on and winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles, standard shock absorbers, 16.5 × 7-inch brakes with H2O brake lining and ABS brackets. Cam Tube System™ standard.			
<b>BASE MODEL WEIGHT</b>	490 lbs.		528 lbs.	
<b>OTHER OPTIONS</b>	Additional options include wingless and bolt-on frame brackets, extended-service / high-damping shock absorbers, shock straps and HIGH CONTROL. Ride heights ranging from 12 to 19 inches, as well as choices for 77.5-inch axle track, HP spindles and dust shields. Contact your Hendrickson representative to discuss these and other options such as a variety of RTR® READY-TO-ROLL® wheel-end packages and brake options including Hendrickson MAXX22T™ optimized trailer air disc brake. ZMD® ZERO MAINTENANCE DAMPING® ride technology available on select models.			

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

**SPECIFICATIONS****SUSPENSION — AANT 23K<sup>1</sup>**

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND <sup>2</sup> (inches)
12	3.1	4.1
13.5	3.1	5.6
14	3.6	5.1
15	3.6	4.1
16	3.6	4.9
17	3.7	3.9

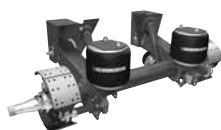
**SUSPENSION — AAT 23K**

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND <sup>2</sup> (inches)
13.5	3.1	5.4
14	3.6	4.9
15	3.7	3.9
16	3.8	4.8
17	3.8	3.8

1. For weld-on frame bracket only
2. Limited rebound is also available



APPLICATIONS



AAT 25K



AAT 30K

<b>*CAPACITY</b>	25,000 lbs. (11 300 kg)		30,000 lbs. (13 600 kg) 25,000 lbs. axle (11 300 kg)	
<b>TRAILER TYPES</b>	<b>UNITED STATES &amp; CANADA</b>	<b>MEXICO, CENTRAL &amp; SOUTH AMERICA</b>	<b>UNITED STATES &amp; CANADA</b>	<b>MEXICO, CENTRAL &amp; SOUTH AMERICA</b>
	Platform	Van / Reefer	Platform	Van / Reefer
	Dump	Container Chassis	Dump	Platform
	Tanker	Platform		Grain
	Grain	Grain		Tanker
		Dump		Dump
		Pup		
	Dolly			
<b>AXLE DATA</b>	5.75-inch LDA™ Large-Diameter Axle			
<b>AXLE ARRANGEMENT</b>	Single; tandem up to 122-inch maximum spacing Tri- or quad-axle up to 144-inch maximum total spacing			
<b>FRAME TYPES</b>	Steel, aluminum or composite; 96- or 102-inch wide trailers			
<b>BASE MODEL DESCRIPTION</b>	INTRAAX® top-mount suspension, 14-inch ride height, weld-on and winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles, standard shock absorbers, 16.5 × 7-inch brakes with H2O brake lining and ABS brackets. Cam Tube System™ standard.			
<b>BASE MODEL WEIGHT</b>	551 lbs.		555 lbs.	
<b>OTHER OPTIONS</b>	Additional options include wingless and bolt-on frame brackets, extended-service/high-damping shock absorbers, shock straps and HIGH CONTROL. Ride heights ranging from 12 to 19 inches, as well as choices for 77.5-inch axle track, HP spindles and dust shields. Contact your Hendrickson representative to discuss these and other options such as a variety of RTR® READY-TO-ROLL® wheel-end packages and brake options including Hendrickson MAXX22T™ optimized trailer air disc brake. ZMD® ZERO MAINTENANCE DAMPING® ride technology available on select AAT 25K models.			

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

SPECIFICATIONS

SUSPENSION — AAT 25K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND <sup>1</sup> (inches)
13.5	2.9	5.4
14	3.4	4.9
15	3.6	3.9
16	3.6	4.8
17	3.6	3.8

SUSPENSION — AAT 30K

RIDE HEIGHT (inches)	JOUNCE (inches)	REBOUND <sup>1</sup> (inches)
13.5	2.9	5.4
14	3.4	4.9
15	3.6	3.9
16	3.6	4.8
17	3.6	3.8

<sup>1</sup>Limited rebound is also available.



APPLICATIONS



**AAEDT 30K**  
(Extreme-Duty)

<b>*CAPACITY</b>	30,000 lbs. (13 600 kg)	
<b>TRAILER TYPES</b>	<b>UNITED STATES &amp; CANADA</b>	<b>MEXICO, CENTRAL &amp; SOUTH AMERICA</b>
	Logger	Platform
	Chip Van	Tanker
	Dump	Grain
		Dump
		Logger
		Sugar Cane
<b>AXLE DATA</b>	5-inch	
<b>AXLE ARRANGEMENT</b>	Single; tandem up to 122-inch maximum spacing Tri- or quad-axle up to 144-inch maximum total spacing	
<b>FRAME TYPES</b>	Steel, aluminum or composite; 96- or 102-inch wide trailers	
<b>BASE MODEL DESCRIPTION</b>	INTRAAX® top-mount suspension, 14-inch ride height, weld-on and winged frame brackets with QUIK-ALIGN®, 71.5-inch axle track, HN spindles, standard shock absorbers, 16.5 × 7-inch brakes with H20 brake lining and ABS brackets. Cam Tube System™ standard.	
<b>BASE MODEL WEIGHT</b>	682 lbs.	
<b>OTHER OPTIONS</b>	Additional options include wingless and bolt-on frame brackets, extended-service / high-damping shock absorbers, shock straps and HIGH CONTROL. Ride heights ranging from 12 to 19 inches, as well as choices for 77.5-inch axle track, HP spindles and dust shields. Contact your Hendrickson representative to discuss these and other options such as a variety of RTR® READY-TO-ROLL® wheel-end packages and brake options including Hendrickson MAXX22T™ optimized trailer air disc brake.	

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

**SPECIFICATIONS**

**SUSPENSION — AAEDT 30K**

<b>RIDE HEIGHT (inches)</b>	<b>JOUNCE (inches)</b>	<b>REBOUND<sup>1</sup> w/ FRONT SHOCK (inches)</b>	<b>REBOUND<sup>1</sup> w/ REAR SHOCK (inches)</b>
14	3.1	4.3	3.8
15	3.5	3.8	3.5
16	3.9	4.9	4.6
17	4.9	3.9	3.6

<sup>1</sup>Limited rebound is also available.



**BEARINGS**

SPINDLE TYPE	TUBE O.D. (inches)	BEARINGS			
		INNER CONE	OUTER CONE	INNER CUP	OUTER CUP
HN	5.75	HM218248	HM212049	HM218210	HM212011
HP	5.0	HM518445	HM518445	HM518410	HM518410
	5.75				

**HENDRICKSON MAXX22T™**

Featuring WABCO brake technology, Hendrickson’s trailer air disc brake system is specifically designed to optimize performance for North American trailer applications. This premium offering features additional options that include the lightweight Dura-Light Hub®, TIREMAAX®, and RTR® READY-TO-ROLL® wheel-end packages. Refer to *L1239 MAXX22T™ Flyer* for more information.

**RTR® READY-TO-ROLL®**

Choose from a broad mix of offerings to customize running gear for your specific application. Wheel-end options consist of aluminum, ductile iron or Dura-Light Hub® in a variety of standard and extended service wheel-end packages. The Outboard Mounted Rotor is an available option for units that specify HXL7® Extended-Life 7-Year System™ with MAXX22T air disc brakes. Refer to *L1239 MAXX22T flyer* for more information.

**FRAME BRACKET OPTIONS**

INTRAAX® suspensions have a wide array of frame bracket options; weld-on, bolt-on, side-mount bolt-on, etc. Some of these options are available for specific trailer applications and ride heights. When inquiring about specific frame bracket options, please work with your customer service representative.

**ZMD® ZERO MAINTENANCE DAMPING®**

ZMD is an innovative ride solution that is offered exclusively through Hendrickson. ZMD ride technology eliminates the shock absorbers by integrating the damping function into the patented air springs. Refer to *L1209 ZMD Flyer and L1212 ZMD FAQ* for more information.

**BRAKE OPTIONS**

For complete details of the wide range of brake options available including lining choices, brake ratings and FMVSS / CMVSS 121 brake certifications, refer to *L809 Brake Certifications*.

**BRAKE CHAMBERS**

Industry standard brake chambers with pushrod length of 9.75 inches and clamping / port orientation of zero degrees are compatible with all standard-duty (AAT) models. A pushrod length of 5.63-inches and clamping / port orientation of zero degrees is required for the extreme-duty (AAEDT) model.

**BRAKE ADJUSTERS**

Industry standard 5.5- and 6-inch brake adjusters are compatible.

**HEIGHT CONTROL VALVE KITS**

For complete details of available height control valve kits refer to *L1182 Control Parts Catalog*.

**LIFT MECHANISM**

UBL™ UNDER BEAM LIFT and air controls sold separately. Refer to *L727 UBL UNDER BEAM LIFT flyer* for more information.





NOTES: \_\_\_\_\_

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

**TRAILER COMMERCIAL VEHICLE SYSTEMS**

2070 Industrial Place SE  
Canton, OH 44707-2641 USA  
866.RIDEAIR (743.3247)  
Fax 800.696.4416

**Hendrickson Canada ULC**

2825 Argentinia Road, Unit #2 - 4  
Mississauga, ON Canada L5N 8G6  
800.668.5360  
905.789.1030 • Fax 905.812.9423

**Hendrickson Mexicana**

Circuito El Marqués Sur #29  
Parque Industrial El Marqués  
Pob. El Colorado, Municipio El Marqués,  
Querétaro, México C.P. 76246  
+52 (442) 296.3600 • Fax +52 (442) 296.3601

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