

**HENDRICKSON USE ONLY**

# **ORDERING GUIDE**

## **VANTRAX® SLIDER SUSPENSION**

LIT NO: L544

DATE: December 2020

REVISION: VV

### FORM INSTRUCTIONS

For complete price and model number information on a VANTRAX® slider suspension system, fax this form to 800.696.4416 in the U.S. or 905.789.1033 in Canada. For additional assistance, please call toll-free 866.RIDEAIR (743.3247) in the U.S. or 800.668.5360 in Canada.

<b>TO:</b>		<b>FROM:</b>		<b>COMPANY NAME:</b>	
<b>DATE:</b>	<b>PHONE:</b>	<b>FAX:</b>	<b>EMAIL:</b>		

<b>SAME AS:</b>	<b>EXCEPT:</b>
-----------------	----------------

### SLIDER / SUSPENSION

AXLE ARRANGEMENT:	<input type="checkbox"/> SINGLE		<input type="checkbox"/> TANDEM						<input type="checkbox"/> TRIDEM
	No		No	No			Yes		
<b>MODEL:</b>	<input type="checkbox"/> HKANT 23K <sup>1</sup>	<input type="checkbox"/> HKANL 23K <sup>1,2</sup>	<input type="checkbox"/> HKANT 40K	<input type="checkbox"/> HKANT 46K		<input type="checkbox"/> HKAT 50K	<input type="checkbox"/> HKAL 46K	<input type="checkbox"/> HKARL 46K	Continue to page 2
<b>BOX DUTY:</b>	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty	Standard		Standard	Standard	Standard	
<b>AIR SPRING DAMPING:</b>	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> ZMD <sup>®</sup>	Standard		Standard	Standard	Standard	
<b>AXLE SPREAD:</b>	N/A	N/A	49"	<input type="checkbox"/> 49"	<input type="checkbox"/> 121"	49"	49"	49"	
<b>RIDE HEIGHT:</b>	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" <sup>3</sup> <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" <sup>3</sup> <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" <sup>3</sup> <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17" <input type="checkbox"/> 19"	<input type="checkbox"/> 10" <input type="checkbox"/> 11"	<input type="checkbox"/> 9" <sup>4</sup> <input type="checkbox"/> 11" <input type="checkbox"/> 10" <input type="checkbox"/> 12"	
<b>BOX WIDTH / AXLE TRACK<sup>5</sup>:</b>	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5"	<input type="checkbox"/> 48" / 77.5"	
<b>SLIDER PIN EXTRACTOR:</b>	<input type="checkbox"/> QUIK-DRAW <sup>®</sup>		<input type="checkbox"/> QUIK-DRAW / No valve			<input type="checkbox"/> None / Fixed			

1. HKANT 23K and HKANL 23K models are not available in "high control" for single-axle, multi-trailer applications.
2. Additional clearance above the tires may be required. Trailer body rails must be able to support the lifted VANTRAX system.
3. Only available with Hendrickson-installed UBL.
4. HKARL 46K models with a 9-inch ride height are not available with air disc brakes.
5. Refer to L846 Wide Base Tire Configuration Bulletin for track / wheel recommendations.



Skip to next section if selected single or tandem axle arrangement on page 1

<b>SLIDER / SUSPENSION</b>						
<b>AXLE ARRANGEMENT:</b>	<input type="checkbox"/> TRIDEM					
<b>RAMP-READY:</b>	No					
<b>MODEL:</b>	<input type="checkbox"/> HKANT 69K23	<input type="checkbox"/> HKAT 69K25				<input type="checkbox"/> HKAT 75K25
<b>BOX DUTY:</b>	Standard	Standard				Standard
<b>AIR SPRING DAMPING:</b>	Standard	Standard				Standard
<b>AXLE SPREAD:</b>	<input type="checkbox"/> 49" <input type="checkbox"/> 60" <input type="checkbox"/> 72"	<input type="checkbox"/> 60" <input type="checkbox"/> 72"			<input type="checkbox"/> 60" <input type="checkbox"/> 72"	
<b>RIDE HEIGHT:</b>	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17"			<input type="checkbox"/> 16" <input type="checkbox"/> 18" <input type="checkbox"/> 17"	
<b>BOX WIDTH / AXLE TRACK<sup>5</sup>:</b>	<input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"			<input type="checkbox"/> 42" / 71.5" <input type="checkbox"/> 48" / 77.5" <input type="checkbox"/> 54" / 83.5"	
<b>SLIDER PIN EXTRACTOR:</b>	<input type="checkbox"/> QUIK-DRAW <sup>®</sup>	<input type="checkbox"/> QUIK-DRAW / No valve				<input type="checkbox"/> None / Fixed

<b>SLIDER / SUSPENSION</b>	(Continued)					
<b>CUSTOMER-SUPPLIED BODY RAIL STYLE<sup>6</sup>:</b>	<input type="checkbox"/> 1.375" x 6" HC	<input type="checkbox"/> 1.625" x 4" HC				<input type="checkbox"/> 1.375" x 4" HC (TTMA)
<b>SLIDER BOX SHIMS:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Standard (.18")			<input type="checkbox"/> Thick (.23")	
<b>SHOCK STRAPS:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Yes				
<b>HCV PRE-INSTALLED<sup>7</sup>:</b>	<input type="checkbox"/> Standard	<input type="checkbox"/> Integral Dump				
	<b>Fitting Type:</b>	<input type="checkbox"/> Compression				<input type="checkbox"/> Push-to-Connect (Std.)
<b>WALK / DROP SOLUTIONS:</b>	<input type="checkbox"/> No	<input type="checkbox"/> SURELOK <sup>®</sup> Installed	<input type="checkbox"/> SURELOK Capable (HKANT & HKAT Models Only)		<input type="checkbox"/> DST <sup>®</sup>	
	<b>DST Fitting Type:</b>	<input type="checkbox"/> Compression (Std.)				<input type="checkbox"/> Push-to-Connect
<b>SURELOK AIR KIT:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Manual Bypass	<input type="checkbox"/> Manual Bypass with Dump	<input type="checkbox"/> No Valve Included (Order Valve Separately)		
<b>WELD-ON AIR TANK BRACKET:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Yes (Standard Location)	<input type="checkbox"/> Yes (Optional Location) — Contact CSR for Details			
<b>HENDRICKSON-INSTALLED UBL<sup>TM8</sup>:</b>	<input type="checkbox"/> Standard Lift (40.2" Maximum Tire Diameter)		<input type="checkbox"/> Limited Lift (41.3" Maximum Tire Diameter)		<input type="checkbox"/> No	
<b>SURFACE COATING:</b>	<input type="checkbox"/> Standard Black Primer	<input type="checkbox"/> Finished Black Soft Coat	<input type="checkbox"/> Finished Gray Soft Coat	<input type="checkbox"/> Galvanized <sup>9</sup>		
Slider Box						
Suspension	Standard Black Primer	Finished Black Soft Coat	Finished Gray Soft Coat	<input type="checkbox"/> Finished Black Soft Coat <input type="checkbox"/> Finished Gray Soft Coat <input type="checkbox"/> Black Primer		

<b>AXLE</b>						
<b>SPINDLE:</b>	<input type="checkbox"/> HN					<input type="checkbox"/> HP
<b>TIRE INFLATION SYSTEM<sup>10</sup>:</b>	<input type="checkbox"/> TIREMAAX <sup>®</sup> CP (Complete Worksheet on page 5)	<input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on page 5)	<input type="checkbox"/> 3-Hole Prep	<input type="checkbox"/> No		

6. Information purposes only; Hendrickson does not supply body rails.

7. Pre-installed height control valves are not available on HKARL 46K models.

8. Hendrickson-Installed UBL<sup>TM</sup> is a liftable slider for automatic weight-sensing lift system that when paired with controls, raises and lowers one axle on VANTRAAAX<sup>®</sup> integrated slider system without driver interaction.

9. Galvanized coating is only available for HKANT 40K HD, HKANT 46K and HKAT 50K models with 16" or 17" ride height, 48" box width, 49" axle spacing and QUIK-DRAW<sup>®</sup>. Galvanized is also available for HKANT 40K HD and HKANT 46K models with a 54" box width.

10. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details related to competitor tire inflation systems.



Are you ordering air disc brakes?  No (Continue on page 3)  Yes (Go to page 6)

<b>DRUM BRAKES *</b>		*Slack and brake chamber combinations will affect brake ratings. Refer to L809 for Brake Certifications.					
<b>BRAKE LINING:</b>	<input type="checkbox"/> H20		<input type="checkbox"/> H23		<input type="checkbox"/> H26		
<b>BRAKE SIZE:</b>	<input type="checkbox"/> 16.5" x 7"	<input type="checkbox"/> 16.5" x 8-5/8"	<input type="checkbox"/> 16.5" x 7"	<input type="checkbox"/> 16.5" x 8-5/8"	<input type="checkbox"/> 16.5" x 7"	<input type="checkbox"/> 16.5" x 8-5/8"	
<b>BRAKE MODEL:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> HXS®	HXS	<input type="checkbox"/> Standard <input type="checkbox"/> HXS	HXS	HXS	HXS	
<b>BRAKE COATING:</b>	<input type="checkbox"/> Standard	<input type="checkbox"/> AAXTREME COAT® (HXS Only)	<input type="checkbox"/> Standard	<input type="checkbox"/> AAXTREME COAT (HXS Only)	Standard		
<b>BRAKE CHAMBERS<sup>11</sup>:</b>	<input type="checkbox"/> 2.5" Standard Stroke				<input type="checkbox"/> 3.0" Long Stroke		
<b>SIZE / WARRANTY:</b>	<input type="checkbox"/> None	<input type="checkbox"/> Type 30/30 Standard Warranty	<input type="checkbox"/> Type 30/30 Extended Warranty	<input type="checkbox"/> Type 24/30 Standard Warranty	<input type="checkbox"/> Type 24/24 Standard Warranty	<input type="checkbox"/> Type 30/30 Standard <input type="checkbox"/> Type 30/30 Extended Warranty	
<b>SLACK ADJUSTER:</b>	<input type="checkbox"/> None	<input type="checkbox"/> Standard 5.5"		<input type="checkbox"/> Standard 6.0"			
<b>S-CAM:</b>	<input type="checkbox"/> 28 Spline		<input type="checkbox"/> 10 Spline				
<b>DUST SHIELD:</b>	<input type="checkbox"/> No		<input type="checkbox"/> Yes				
<b>ABS SENSOR:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Haldex 19.7"	<input type="checkbox"/> WABCO 15.7"	<input type="checkbox"/> Bendix 14.8"	<input type="checkbox"/> Bendix 78.7"	<input type="checkbox"/> WABCO 36.0"	

<b>DRUM BRAKES</b>	
<b>ABS SENSOR LOCATION:</b>	<b>Single:</b> <input type="checkbox"/> None <input type="checkbox"/> 2
	<b>Tandem:</b> <input type="checkbox"/> None <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both
	<b>Tridem:</b> <input type="checkbox"/> None <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front and Middle <input type="checkbox"/> 4 – Front and Rear <input type="checkbox"/> 4 – Middle and Rear <input type="checkbox"/> 6 – All
<b>SPINDLE NUT:</b>	<input type="checkbox"/> No <input type="checkbox"/> Standard 3-Piece Nut

11. Unless otherwise indicated, standard brand will be provided.

**DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES \***

\*Consult a customer service representative to ensure compatibility of the wheel-end equipment with the other selected suspension parameters.

	<input type="checkbox"/> <b>Standard Service</b> (1-Year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-Year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-Year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL7® Hendrickson Extended-Life System™</b> (7-Year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>ConMet PreSet®</b> (5-Year Limited Warranty <sup>12</sup> )
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	HP	<input type="checkbox"/> HN <input type="checkbox"/> HP
<b>HUB MATERIAL:</b>	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub® <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum	Aluminum
<b>HUB STYLE:</b>	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted
<b>NUMBER OF STUDS:</b>	10	10	10	10	10
<b>BOLT CIRCLE DIAMETER:</b>	11.25"	11.25"	11.25"	11.25"	11.25"
<b>WHEEL MATERIAL:</b>	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum
<b>DUAL / SUPER SINGLE:</b> (SS) Short Stud (LS) Long Stud	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90
<b>SEAL:</b>	<input type="checkbox"/> Stemco Voyager <input type="checkbox"/> Stemco Discover <input type="checkbox"/> Hendrickson	Standard	Standard	Standard	No (ConMet Included)
<b>BEARING:</b>	Standard	Standard	Standard	Standard	No (ConMet Included)
<b>SPINDLE NUT:</b>	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System <b>or</b>	PRECISION240 Nut System PRECISION320 Nut System <b>or</b>	PRECISION320 Nut System	Standard 3-Piece Nut
<b>HUBCAP TYPE:</b>	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On
<b>ABSTONE RING:</b>	Yes	Yes	Yes	Yes	Yes

12. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.

DRUM OPTIONS	
<b>DRUM MATERIAL:</b>	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
<b>DRUM DUTY:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
<b>DRUM BALANCING:</b>	Balanced
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>13</sup> <input type="checkbox"/> No

ACCESSORY ITEMS		Not included in VANTRAAX® Model Number — Sold Separately	
<b>STINGER:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Length:</b>	<input type="checkbox"/> 32" <input type="checkbox"/> 36"
<b>SINGLE AXLE SLIDER REPOSITIONING KIT<sup>14</sup>:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>MANUAL DUMP VALVE:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>With Enclosure:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MUD FLAP BRACKET:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>STOP BAR:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>UNIVERSAL LOAD SCALE KIT:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>OEM-INSTALLED UBL™<sup>15</sup>:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		

TIREMAAX® KIT WORKSHEET <sup>16,17</sup>		Not included in VANTRAAX Model Number — Sold Separately	
<b>CONTROLLER TYPE:</b>	<input type="checkbox"/> CP <input type="checkbox"/> PRO		
<b>ELECTRICAL CONNECTION:</b>	<input type="checkbox"/> Delphi Weather Pack (Standard) <input type="checkbox"/> Blade Terminals <sup>18</sup>		
<b>HUBCAP TYPE:</b>	<input type="checkbox"/> Hendrickson Bolt-On <input type="checkbox"/> Hendrickson Extended Bolt-On <sup>19</sup>		
<b>LUBE TYPE:</b>	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Oil		
<b>WHEEL STYLE / MATERIAL</b>	<input type="checkbox"/> Dual / Aluminum <input type="checkbox"/> Dual / Steel or Combo <input type="checkbox"/> Super Single / Aluminum (straight hose)		
	<input type="checkbox"/> Super Single / Steel (outboard valve stem; 180-degree hose) <input type="checkbox"/> Super Single / Steel (inboard valve stem; straight hose)		
<b>TIRE SIZE:</b>	<input type="checkbox"/> 17.5" <input type="checkbox"/> 19.5" <input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5"		
<b>COLD TIRE PRESSURE SETTING (psi)<sup>20</sup>:</b>	<input type="checkbox"/> 70 <input type="checkbox"/> 75 <input type="checkbox"/> 80 <input type="checkbox"/> 85 <input type="checkbox"/> 90 <input type="checkbox"/> 95 <input type="checkbox"/> 100 <input type="checkbox"/> 105 <input type="checkbox"/> 110 <input type="checkbox"/> 115 <input type="checkbox"/> 120		
<b>TIRE HOSE:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Integral Check Port (22.5" tire size only)		
<b>TRAILER-MOUNTED INDICATOR LIGHT KIT:</b>	<input type="checkbox"/> LED – 12V with 65-foot Cable (Standard) <input type="checkbox"/> LED – 12V with 35-foot Cable <input type="checkbox"/> LED – 24V (Export <sup>21</sup> )		
	<input type="checkbox"/> Incandescent – 12V <input type="checkbox"/> No <sup>18</sup>		
<b>WIRING HARNESS:</b>	<input type="checkbox"/> Premium, 15-Foot, ABS-ready <input type="checkbox"/> Premium, 3-Foot, ABS-ready		
	<input type="checkbox"/> Standard, 18-inch, Wiring Adaptor Plug <input type="checkbox"/> No <sup>18</sup>		
<b>AIR PLUMBING KIT:</b>	<input type="checkbox"/> Manifold <sup>22</sup> <input type="checkbox"/> No		
<b>CONTROLLER TANK VALVE<sup>23</sup>: (Pressure Check)</b>	<input type="checkbox"/> Yes (CP Models Only) <input type="checkbox"/> No		

13. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.

14. Hendrickson recommends the use of a Slider Repositioning Kit for all single-axle sliders used in conjunction with fixed suspensions. The kit locks the brakes and dumps the air on the sliding axle for ease of repositioning.

15. OEM-Installed UBL kits allow fleets and owner-operators to put the advantages of INTRAAX and HT Series to work in liftable applications.

16. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension or trailer axle. Any consequential damages to the Hendrickson suspension or trailer axle resulting from a failure to the competitor brand tire inflation system or components, whether installed by the OEM, repair facility or end-user customer, should be directed to the respective tire inflation system manufacturer for warranty coverage.

17. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.

18. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".

19. Required for axles with TIREMAAX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.

20. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.

21. Please note, 12V is used in some export countries. If this is a new venture into a foreign country, please validate voltage requirements with Controls Engineering.

22. Not available for single-axle systems.

23. Not available with TIREMAAX PRO.

## HENDRICKSON SUSPENSION AND AXLES AVAILABLE WITH AIR DISC BRAKES (ADB)

SUSPENSION / AXLE MODELS	AVAILABILITY
HKANT 23K, 40K, 46K, 69K23	ADB available
HKAT 50K, 69K25, 75K25, HKARL	ADB available without SURELOK®
HKANL, HKAL	ADB not available



**WARNING:** IMPROPER WHEELS OR VALVE STEMS can interfere with air disc brakes and cause rapid tire deflation, component damage, loss of vehicle control, property damage or severe personal injury. Use only wheels and valve stems that provide proper running clearance with air disc brakes equipped on the suspension. Contact vehicle manufacturer to determine replacement wheels and valve stems approved for the application.

DISC BRAKES *	*Please refer to L1225 at <a href="http://www.hendrickson-intl.com">www.hendrickson-intl.com</a> for more important information to consider when spec'ing air disc brakes.			
HENDRICKSON MAXX22T™ ADB (Hendrickson Standard)				
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)			
<b>DISC BRAKE APPROVAL:</b>	Approval: 20,000 lb or less GAWR <b>or</b> up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)			
<b>PAD/LINING:</b>	WABCO 233			
<b>BRAKE CHAMBER:</b>	<input type="checkbox"/> Type 18/24 Std <input type="checkbox"/> Type 18 (Dolly)			
<b>ABS TONE RING / DUST SHIELD:</b>	Required			
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4"			
<b>ABS SENSOR LOCATION:</b>	Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All			
<b>ROTOR BRAND/MATERIAL:</b>	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGES:</b>	<input type="checkbox"/> Standard Service (1-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty <sup>12</sup> )
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	HP
<b>HUB MATERIAL:</b>	<input type="checkbox"/> Dura-Light Hub® <input type="checkbox"/> Ductile Iron	<input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron	<input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron	<input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron
<b>HUB STYLE:</b>	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires			
<b>WHEEL MATERIAL:</b>	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum
<b>DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud</b>	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease

<b>SEAL:</b>	Standard	Standard	Standard	Standard
<b>BEARINGS:</b>	Standard	Standard	Standard	Standard
<b>SPINDLE NUT:</b>	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System <b>or</b>	PRECISION240 Nut System PRECISION320 Nut System <b>or</b>	PRECISION320 Nut System
<b>HUBCAP TYPE:</b>	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>13</sup>	<input type="checkbox"/> No		

<b>DISC BRAKES *</b>		<b>WABCO PAN22-1 ADB</b>				
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)					
<b>DISC BRAKE APPROVAL:</b>	Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)					
<b>PAD/LINING:</b>	WABCO 230					
<b>BRAKE CHAMBER:</b>	<input type="checkbox"/> Type 20/24 Std <input type="checkbox"/> Type 20 (Dolly)					
<b>ABS TONE RING / DUST SHIELD:</b>	Required					
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4"					
<b>ABS SENSOR LOCATION:</b>	Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All					
<b>ROTOR BRAND/MATERIAL:</b>	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm ConMet Cast Iron	
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGES:</b>	<input type="checkbox"/> <b>Standard Service</b> (1-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>HXL7® Hendrickson Extended-Life System™</b> (7-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> <b>ConMet PreSet</b> (5-year Limited Warranty <sup>12</sup> )	
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	
<b>HUB MATERIAL:</b>	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	ConMet Aluminum	
<b>HUB STYLE:</b>	Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires					
<b>WHEEL MATERIAL:</b>	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	
<b>DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud</b>	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90	
<b>SEAL:</b>	Standard	Standard	Standard	Standard	No (ConMet Included)	
<b>BEARINGS:</b>	Standard	Standard	Standard	Standard	No (ConMet Included)	
<b>SPINDLE NUT:</b>	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System <b>or</b>	PRECISION240 Nut System PRECISION320 Nut System <b>or</b>	PRECISION320 Nut System	Standard 3-Piece Nut	
<b>HUBCAP TYPE:</b>	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On	
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>13</sup> <input type="checkbox"/> No					

<b>DISC BRAKES *</b>		<b>KNORR / BENDIX ADB22X-LT</b>					
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (STOP. ADB22X-LT is not approved for dollies. Must spec MAXX22T™ or PAN22-1)						
<b>DISC BRAKE APPROVAL:</b>	Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)						
<b>PAD/LINING:</b>	BX276						
<b>BRAKE CHAMBER:</b>	Knorr 18/24 Std						
<b>ABS TONE RING / DUST SHIELD:</b>	Required						
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4"						
<b>ABS SENSOR LOCATION:</b>	Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All						
<b>ROTOR BRAND/MATERIAL:</b>	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm ConMet Cast Iron	
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGES:</b>	<input type="checkbox"/> Standard Service (1-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty <sup>12</sup> )	<input type="checkbox"/> ConMet PreSet (5-year Limited Warranty <sup>12</sup> )		
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	HP	<input type="checkbox"/> HN <input type="checkbox"/> HP		
<b>HUB MATERIAL:</b>	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	<input type="checkbox"/> ConMet AL Splined	<input type="checkbox"/> ConMet Ductile Iron (HP Only) <input type="checkbox"/> ConMet Aluminum	
<b>HUB STYLE:</b>	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires						
<b>WHEEL MATERIAL:</b>	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum		
<b>DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud</b>	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)		
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90		
<b>SEAL:</b>	Standard	Standard	Standard	Standard	No (ConMet Included)		
<b>BEARINGS:</b>	Standard	Standard	Standard	Standard	No (ConMet Included)		
<b>SPINDLE NUT:</b>	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System or	PRECISION240 Nut System PRECISION320 Nut System or	PRECISION320 Nut System	Standard 3-Piece Nut		
<b>HUBCAP TYPE:</b>	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On		
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>13</sup> <input type="checkbox"/> No						



\*ConMet PreSet not available on Haldex DBLD (25K)

\*Please refer to L1225 at [www.hendrickson-intl.com](http://www.hendrickson-intl.com) for more important information to consider when spec'ing air disc brakes.

<b>DISC BRAKES *</b>		<b>■ HALDEX DBT22LT (23K)</b>			<b>■ HALDEX DBLD (25K)</b>	
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)			<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)		
<b>DISC BRAKE APPROVAL:</b>	Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)			Approval: Up to 25,000 lb. GAWR with appropriate tire SLR (See L809 for all Brake Certifications.)		
<b>PAD/LINING:</b>	JURID 442			JURID 539-20		
<b>BRAKE CHAMBER:</b>	HALDEX 18/24 Std			HALDEX 20/24 Std		
<b>ABS TONE RING / DUST SHIELD:</b>	Required					
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4"					
<b>ABS SENSOR LOCATION:</b>	Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All					
<b>ROTOR BRAND/MATERIAL:</b>	430mm Cast Iron		430mm Cast Iron		430mm Cast Iron	
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGES:</b>	<input type="checkbox"/> Standard Service (1-year Limited Warranty <sup>12</sup> )		<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty <sup>12</sup> )		<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty <sup>12</sup> )	
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP		<input type="checkbox"/> HN <input type="checkbox"/> HP		<input type="checkbox"/> HN <input type="checkbox"/> HP	
<b>HUB MATERIAL:</b>	Ductile Iron		Ductile Iron		Ductile Iron	
<b>HUB STYLE:</b>	Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires					
<b>WHEEL MATERIAL:</b>	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum		<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum		<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	
<b>DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud</b>	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)		<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)		<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90		<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90		Semi-Fluid Grease	
<b>SEAL:</b>	Standard		Standard		Standard	
<b>BEARINGS:</b>	Standard		Standard		Standard	
<b>SPINDLE NUT:</b>	Standard 3-Piece Nut		PRECISION240® Nut System PRECISION320® Nut System <b>or</b>		PRECISION240 Nut System PRECISION320 Nut System <b>or</b>	
<b>HUBCAP TYPE:</b>	Standard Bolt-On		Standard Aluminum Bolt-On		Corrosion Resistant Bolt-On	
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>13</sup>		<input type="checkbox"/> No			





*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 your trailer dealer or Hendrickson at 330.489.0045 or 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)  
330.489.0045 • Fax 800.696.4416

**Hendrickson Canada**

250 Chrysler Drive, Unit #3  
Brampton, ON Canada L6S 6B6  
800.668.5360  
905.789.1030 • Fax 905.789.1033

**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