

**HENDRICKSON USE ONLY**

# **H** ORDERING GUIDE

## VANTRAX® SLIDER SUSPENSION

LIT NO: L544

DATE: April 2016

REVISION: II

### 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>
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### SLIDER / SUSPENSION

AXLE ARRANGEMENT:	<input type="checkbox"/> SINGLE		<input type="checkbox"/> TANDEM					<input type="checkbox"/> TRIDEM		
<b>RAMP-READY:</b>	No		No	No			Yes	No		
<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	<input type="checkbox"/> HKANT 69K23	<input type="checkbox"/> HKAT 69K25
<b>BOX DUTY:</b>	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty	Standard		Standard	Standard	Standard	Standard	Standard
<b>AIR SPRING DAMPING:</b>	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> ZMD®	Standard		Standard	Standard	Standard	Standard	Standard
<b>AXLE SPREAD:</b>	N/A	N/A	49"	<input type="checkbox"/> 49"	<input type="checkbox"/> 121"	49"	49"	49"	<input type="checkbox"/> 49" <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"/> 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" <input type="checkbox"/> 11" <input type="checkbox"/> 10" <input type="checkbox"/> 12"	<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>4</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"/> 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"/> 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®		<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 SMARTLIFT®.
4. Refer to "L846 - Wide Base Tire Configuration Bulletin" for track / wheel recommendations.



**SLIDER / SUSPENSION**

(Continued)

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<b>CUSTOMER-SUPPLIED BODY RAIL STYLE<sup>5</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:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<b>Integral Dump:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<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>SURELOK AIR KIT:</b>	<input type="checkbox"/> N/A	<input type="checkbox"/> Manual Bypass	<input type="checkbox"/> Manual Bypass with Dump <input type="checkbox"/> No Valve Included (Order Valve Separately)
<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>6</sup>
<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>SMARTLIFT<sup>®</sup> KIT<sup>7</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

**AXLE**

<b>SPINDLE:</b>	<input type="checkbox"/> HN	<input type="checkbox"/> HP		
<b>TIRE INFLATION SYSTEM<sup>8</sup>:</b>	<input type="checkbox"/> TIREMAAX <sup>®</sup> CP (Complete Worksheet on page 7)	<input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on page 7)	<input type="checkbox"/> 3-Hole Prep	<input type="checkbox"/> No



Are you ordering air disc brakes?  No (Continue on page 2)  Yes (Go to page 4)

**DRUM BRAKES \***

\*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 <sup>®</sup>	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 <sup>®</sup> (HXS Only)	<input type="checkbox"/> Standard	<input type="checkbox"/> AAXTREME COAT (HXS Only)	Standard	
<b>BRAKE CHAMBER:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Standard 30/30, 2.5" stroke	<input type="checkbox"/> Standard 30/30, 3.0" stroke	<input type="checkbox"/> Other:		
<b>BRAKE CHAMBER WARRANTY:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Standard	<input type="checkbox"/> Extended-Life			
<b>BRAKE ADJUSTER:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Standard 5.5"	<input type="checkbox"/> Standard 6.0" (Required with 3.0" stroke chambers)	<input type="checkbox"/> Other:		
<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 15.7"	<input type="checkbox"/> Wabco 36.0"	
<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				

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

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

7. SMARTLIFT is not available with ZMD<sup>™</sup> Zero Maintenance Damping<sup>®</sup> air springs. SMARTLIFT can only be spec'ed on HKANT models with 16-inch or 17.5-inch ride heights..

8. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension.

Any consequential damages to the Hendrickson suspension 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.

**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>9</sup> )	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-Year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-Year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL7® Hendrickson Extended-Life System™</b> (7-Year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>ConMet PreSer®</b> (5-Year Limited Warranty <sup>9</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"/> Stemco Guardian <input type="checkbox"/> Federal Mogul	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 <u>or</u> Precision320® Nut System	Precision240 Nut System <u>or</u> Precision320 Nut System	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

**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>10</sup>	<input type="checkbox"/> No

9. Refer to Hendrickson publication "L583 – Comprehensive Warranty Statement" for complete details.

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

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

SUSPENSION / AXLE MODELS	AVAILABILITY
HKANT 23K, 40K, 46K, 69K23	ADB available
HKAT 50K, 69K25, 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>	<input type="checkbox"/> Preapproval: 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"/> Wabco 18/24 Std <input type="checkbox"/> Wabco 18 (Dolly)			
<b>ABS TONE RING / DUST SHIELD:</b>	Required			
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 14.84" <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 Standard Cast Iron	415mm Standard Cast Iron	415mm Standard Cast Iron	415mm Standard Cast Iron
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGES:</b>	<input type="checkbox"/> <b>Standard Service</b> (1-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL7® Hendrickson Extended-Life System™</b> (7-year Limited Warranty <sup>9</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>	Standard Ductile Iron		Standard 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	
<b>SEAL:</b>	Standard		Standard	
<b>BEARINGS:</b>	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		Corrosion Resistant Bolt-On
<b>WHEEL FASTENERS:</b>	<input type="checkbox"/> Yes <sup>10</sup> <input type="checkbox"/> No			

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.				
	WABCO PAN22-1 ADB				
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)				
<b>DISC BRAKE APPROVAL: (Must select one)</b>	<input type="checkbox"/> Preapproval: 20,000 lb or less GAWR <b>or</b>				
	<input type="checkbox"/> Online Approval # _____ <b>or</b>				
	<input type="checkbox"/> Complete ADB Waiver on page 8 <b>or</b>				
	<input type="checkbox"/> Complete ADB Application Form on page 8				
<b>PAD/LINING:</b>	WABCO 230				
<b>BRAKE CHAMBER:</b>	<input type="checkbox"/> Wabco 20/24 Std <input type="checkbox"/> Wabco 20 (Dolly)				
<b>ABS TONE RING / DUST SHIELD:</b>	Required				
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 14.84" <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 Standard Cast Iron	430mm Standard Cast Iron	430mm Standard Cast Iron	430mm Standard 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>9</sup> )	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>HXL7® Hendrickson Extended-Life System™</b> (7-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> <b>ConMet PreSet</b> (5-year Limited Warranty <sup>9</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>	Standard Ductile Iron	Standard Ductile Iron	Standard Ductile Iron	Standard 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"/> Aluminum	<input type="checkbox"/> Aluminum	<input type="checkbox"/> Aluminum	<input type="checkbox"/> Aluminum
	<input type="checkbox"/> Steel	<input type="checkbox"/> Steel	<input type="checkbox"/> Steel	<input type="checkbox"/> Steel	<input type="checkbox"/> Steel
	<input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Steel / Aluminum
<b>DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud</b>	<input type="checkbox"/> Dual	<input type="checkbox"/> Dual	<input type="checkbox"/> Dual	<input type="checkbox"/> Dual	<input type="checkbox"/> Dual
	<input type="checkbox"/> Super Single (SS)	<input type="checkbox"/> Super Single (SS)	<input type="checkbox"/> Super Single (SS)	<input type="checkbox"/> Super Single (SS)	<input type="checkbox"/> Super Single (SS)
	<input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Super Single (LS)
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90	<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
	<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>10</sup> <input type="checkbox"/> No				

DISC BRAKES *		KNORR / BENDIX ADB22X					
<b>CONVERTER DOLLY APPLICATION:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes (STOP. ADB22X is not approved for dollies. Must spec MAXX22T™ or PAN22-1)						
<b>DISC BRAKE APPROVAL: (Must select one)</b>	<input type="checkbox"/> Preapproval: Tandem Trailer – 80,000 lb GCW Max, Tridem Trailer – 98,000 GCW <b>or</b>						
	<input type="checkbox"/> Online Approval # _____ <b>or</b>						
	<input type="checkbox"/> Complete ADB Waiver on page 8 <b>or</b>						
	<input type="checkbox"/> Complete ADB Application Form on page 8						
<b>PAD/LINING:</b>	Jurid 539-29						
<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 14.84" <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>9</sup> )	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty <sup>9</sup> )	<input type="checkbox"/> ConMet PreSet (5-year Limited Warranty <sup>9</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>	Standard Ductile Iron	Standard Ductile Iron	Standard Ductile Iron	Standard 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 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>10</sup> <input type="checkbox"/> No						

**ACCESSORY ITEMS**

Not included in VANTRAAX® Model Number — Sold Separately

L544 Rev II

<b>STINGER:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<b>Length:</b> <input type="checkbox"/> 32" <input type="checkbox"/> 36"
<b>HEIGHT CONTROL VALVE:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<b>Integral Dump:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>SINGLE AXLE SLIDER REPOSITIONING KIT<sup>11</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>UBL™ UNDER BEAM LIFT™:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

**TIREMAAX® KIT WORKSHEET<sup>12,13</sup>**

Not included in VANTRAAX Model Number — Sold Separately

<b>CONTROLLER TYPE:</b>	<input type="checkbox"/> CP	<input type="checkbox"/> PRO
<b>HUBCAP TYPE:</b>	<input type="checkbox"/> Hendrickson Bolt-On	<input type="checkbox"/> Hendrickson Extended Bolt-On <sup>14</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	<input type="checkbox"/> Super Single / Steel (outboard valve stem) <input type="checkbox"/> Super Single / Steel (inboard valve stem)
<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>15</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>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>16</sup> )
	<input type="checkbox"/> Incandescent – 12V	<input type="checkbox"/> No
<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
<b>AIR PLUMBING KIT:</b>	<input type="checkbox"/> Manifold <sup>17</sup> <input type="checkbox"/> None	
<b>CONTROLLER TANK VALVE<sup>18</sup>: (Pressure Check)</b>	<input type="checkbox"/> Yes (CP Models Only) <input type="checkbox"/> No	

11. 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.
12. 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.
13. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.
14. Required for axles with TIREMAAX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements. (Reference T57001)
15. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to Cold Tire Pressure Setting of 85-120 psi.
16. 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.
17. Not available for single-axle systems.
18. Not available with TIREMAAX PRO.



**Complete the AIR DISC BRAKE WAIVER or APPLICATION FORM if you did not check PRE-APPROVED or ONLINE APPROVAL on page 5 or 6.**

**CAUTION:** DUE to design and performance differences of various air disc brake models, and between drum and disc brake systems, it is important to ensure compatibility of the brake systems between the tractor and trailer. Changes to the tractor brake linings may be required to produce a balanced tractor/trailer braking system. Vehicle owners / operators should review any such required changes with the tractor manufacturer. Failure to follow any such required changes or applicable operating, service and maintenance instructions can cause tractor/trailer brake components to wear out prematurely and will void any applicable Hendrickson warranty coverage.

**AIR DISC BRAKE WAIVER**

**ADDITIONAL TERMS AND CONDITIONS**

This Ordering Guide / Application Form is subject to, at minimum, the following terms and conditions:

- Any application approval from Hendrickson Trailer Suspension Systems ("Hendrickson") and/or the respective air disc brake manufacturer is (i) general in nature, (ii) based upon the above-referenced information as provided by the REQUESTER and without Hendrickson's first-hand knowledge of such information, and (iii) does not account for any additional information regarding the subject vehicle's operating condition and configuration, or any unauthorized modifications or repairs that may have been conducted.
- The subject application(s) and the installation, operation, service and maintenance of Hendrickson suspension or axle systems and related components must comply with all applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer. Contact Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer for any additional copies of their applicable written materials.
- Any application approval does not account for, nor shall Hendrickson in any way be responsible for, any adverse effect on the form, fit or function of or any damages sustained to the Hendrickson suspension or axle systems and related components due to improper installation, operation, service or maintenance, unauthorized modification, neglect, accident, misuse, or operation beyond the written capacity ratings and specifications of the suspension or axle systems and related components or the vehicle to which such equipment and components are attached.
- Any application approval is null and void if (i) any of the information provided by the REQUESTER is incorrect or incomplete, or (ii) there is any deviation from the applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson and the respective air disc brake manufacturer regarding the installation, operation, service and maintenance of the Hendrickson suspension or axle systems and related components.
- Any application approval does not constitute an expressed or implied warranty, including any warranty of merchantability or fitness for a particular purpose.
- Hendrickson reserves the right to modify any application approval, and any recommendations and/or prices if the above-referenced information provided by the REQUESTER changes in any way. The REQUESTER shall immediately notify Hendrickson's Application Engineering Department in writing of any / all changes in such information that may affect the operation, performance, service and/or maintenance of the vehicle, brakes.

I understand the above, and by signing and not supplying information on the application form on page 8, I am:

- Requesting an air disc brake suspension or axle model number, price and availability, and
- Taking responsibility for the application of the brake system if I order a suspension or axle model without supplying the information on the application form on page 8.

**REQUESTER:**  
**Authorized Contact Person:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Title:** \_\_\_\_\_  
**Signature:** \_\_\_\_\_

**AIR DISC BRAKE APPLICATION FORM**

**FLEET / END USER INFORMATION**

Fleet Name / Dealer: \_\_\_\_\_ Location: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contact Person: \_\_\_\_\_  
 Email: \_\_\_\_\_

Trailer Manufacturer: \_\_\_\_\_

Trailer Type:  Dry Van  Reefer  Pup Trailers  
 Tanker / Bulk  Platform  Specialty  
 Dump  Dolly  Other

Number of Axles:  1  2  3  Other \_\_\_\_\_

Tagged Axle Weight: \_\_\_\_\_ GCW: \_\_\_\_\_

Wheel Make: \_\_\_\_\_ Wheel Model #: \_\_\_\_\_  
 Tire Make: \_\_\_\_\_ Tire Model: \_\_\_\_\_

**TRAILER USAGE**

**Duty Cycle: (check all that apply)**

- Line Haul Truck Load  Line Haul LTL
- Line Haul Contract Carrier  On-highway
- On-highway, Heavy-haul / Specialty  Other \_\_\_\_\_
- On- / Off-highway Construction / Heavy-haul
- Off-highway Logging / Mining / Construction

**The above-reference trailer(s) will be used with:**

- Disc brake tractors only  Drum brake tractors only
- Both disc and brake tractors

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



www.hendrickson-intl.com

**TRAILER COMMERCIAL VEHICLE SYSTEMS**

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 Canton, OH 44707-2641 USA  
 866.RIDEAIR (743.3247)  
 330.489.0045 • Fax 800.696.4416

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 800.668.5360  
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**Hendrickson Mexicana**

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