

HENDRICKSON USE ONLY

ORDERING GUIDE

VANTRAAX® SLIDER SUSPENSION

LIT NO: L544

DATE: April 2017

REVISION: LL

FORM INSTRUCTIONS

For complete price and model number information on a VANTRAAX® 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.

TO:		FROM:		COMPANY NAME:	
DATE:	PHONE:	FAX:	EMAIL:		

SAME AS:	EXCEPT:
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SLIDER / SUSPENSION

AXLE ARRANGEMENT:	<input type="checkbox"/> SINGLE		<input type="checkbox"/> TANDEM					<input type="checkbox"/> TRIDEM		
RAMP-READY:	No		No	No			Yes	No		
MODEL:	<input type="checkbox"/> HKANT 23K ¹	<input type="checkbox"/> HKANL 23K ^{1,2}	<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
BOX DUTY:	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty	Standard		Standard	Standard	Standard	Standard	Standard
AIR SPRING DAMPING:	Standard	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> ZMD®	Standard		Standard	Standard	Standard	Standard	Standard
AXLE SPREAD:	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"
RIDE HEIGHT:	<input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" ³ <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" ³ <input type="checkbox"/> 17"	<input type="checkbox"/> 16" <input type="checkbox"/> 17.5" ³ <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"
BOX WIDTH / AXLE TRACK⁴:	<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"
SLIDER PIN EXTRACTOR:	<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 VANTRAAX system.
3. Only available with SMARTLIFT®.
4. Refer to L846 Wide Base Tire Configuration Bulletin for track / wheel recommendations.

SLIDER / SUSPENSION (Continued)

CUSTOMER-SUPPLIED BODY RAIL STYLE⁵:	<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)
SLIDER BOX SHIMS:	<input type="checkbox"/> No	<input type="checkbox"/> Standard (.18")	<input type="checkbox"/> Thick (.23")
SHOCK STRAPS:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
HCV PRE-INSTALLED:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Integral Dump: <input type="checkbox"/> Yes <input type="checkbox"/> No
WALK / DROP SOLUTIONS:	<input type="checkbox"/> No	<input type="checkbox"/> SURELOK [®] Installed	<input type="checkbox"/> SURELOK Capable (HKANT & HKAT Models Only) <input type="checkbox"/> DST [®]
SURELOK AIR KIT:	<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)
SURFACE COATING:	<input type="checkbox"/> Standard Black Primer	<input type="checkbox"/> Finished Black Soft Coat	<input type="checkbox"/> Finished Gray Soft Coat <input type="checkbox"/> Galvanized ⁶
WELD-ON AIR TANK BRACKET:	<input type="checkbox"/> No	<input type="checkbox"/> Yes (Standard Location)	<input type="checkbox"/> Yes (Optional Location) — Contact CSR for Details
SMARTLIFT[®] KIT⁷:	<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

SPINDLE:	<input type="checkbox"/> HN	<input type="checkbox"/> HP		
TIRE INFLATION SYSTEM⁸:	<input type="checkbox"/> TIREMAAX [®] CP (Complete Worksheet on page 4)	<input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on page 4)	<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 5)

DRUM BRAKES *

*Slack and brake chamber combinations will affect brake ratings. Refer to L809 for Brake Certifications.

BRAKE LINING:	<input type="checkbox"/> H20		<input type="checkbox"/> H23		<input type="checkbox"/> H26	
BRAKE SIZE:	<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"
BRAKE MODEL:	<input type="checkbox"/> Standard <input type="checkbox"/> HXS [®]	HXS	<input type="checkbox"/> Standard <input type="checkbox"/> HXS	HXS	HXS	HXS
BRAKE COATING:	<input type="checkbox"/> Standard	<input type="checkbox"/> AAXTREME COAT [®] (HXS Only)	<input type="checkbox"/> Standard	<input type="checkbox"/> AAXTREME COAT (HXS Only)	Standard	
BRAKE CHAMBERS:	<input type="checkbox"/> None	<input type="checkbox"/> 2.5" Standard Stroke			<input type="checkbox"/> 3.0" Long Stroke	
SIZE, WARRANTY, & BRAND:	<input type="checkbox"/> Type 30/30 Standard Warranty	<input type="checkbox"/> Type 30/30 Extended Warranty	<input type="checkbox"/> Type 24/24 Standard Warranty	<input type="checkbox"/> Other	<input type="checkbox"/> Type 30/30 Standard Warranty	<input type="checkbox"/> Type 30/30 Extended Warranty
	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	Haldex		<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	TSE
SLACK ADJUSTER:	<input type="checkbox"/> None	<input type="checkbox"/> Haldex 5.5"	<input type="checkbox"/> Gunite 5.5"	<input type="checkbox"/> Haldex 6.0" (Long stroke chamber recommended)	<input type="checkbox"/> Gunite 6.0" (Long stroke chamber recommended)	
S-CAM:	<input type="checkbox"/> 28 Spline	<input type="checkbox"/> 10 Spline				
DUST SHIELD:	<input type="checkbox"/> No	<input type="checkbox"/> Yes				
ABS SENSOR:	<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"	

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

6. 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[®]. Galvanized is also available for HKANT 40K HD and HKANT 46K models with a 54" box width.

7. SMARTLIFT[®] is not available with ZMD[®] ZERO MAINTENANCE DAMPING[®] technology or DST[®] Dock Stabilizing Technology[™]. SMARTLIFT can only be spec'ed on HKANT models with 16-inch or 17.5-inch ride heights.

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

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

DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES *					
	<input type="checkbox"/> Standard Service (1-Year Limited Warranty ⁹)	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-Year Limited Warranty ⁹)	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-Year Limited Warranty ⁹)	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-Year Limited Warranty ⁹)	<input type="checkbox"/> ConMet PreSet® (5-Year Limited Warranty ⁹)
SPINDLE:	<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
HUB MATERIAL:	<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
HUB STYLE:	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted
NUMBER OF STUDS:	10	10	10	10	10
BOLT CIRCLE DIAMETER:	11.25"	11.25"	11.25"	11.25"	11.25"
WHEEL MATERIAL:	<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
DUAL / SUPER SINGLE: (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)
LUBE TYPE:	<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
SEAL:	<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)
BEARING:	Standard	Standard	Standard	Standard	No (ConMet Included)
SPINDLE NUT:	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
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On
ABSTONE RING:	Yes	Yes	Yes	Yes	Yes

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

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

DRUM OPTIONS	
DRUM MATERIAL:	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
DRUM DUTY:	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced
WHEEL FASTENERS:	<input type="checkbox"/> Yes ¹⁰ <input type="checkbox"/> No

ACCESSORY ITEMS	
Not included in VANTRAAX® Model Number — Sold Separately	
STINGER:	<input type="checkbox"/> Yes <input type="checkbox"/> No Length: <input type="checkbox"/> 32" <input type="checkbox"/> 36"
HEIGHT CONTROL VALVE:	<input type="checkbox"/> Yes <input type="checkbox"/> No Integral Dump: <input type="checkbox"/> Yes <input type="checkbox"/> No
SINGLE AXLE SLIDER REPOSITIONING KIT¹¹:	<input type="checkbox"/> Yes <input type="checkbox"/> No
MANUAL DUMP VALVE:	<input type="checkbox"/> Yes <input type="checkbox"/> No With Enclosure: <input type="checkbox"/> Yes <input type="checkbox"/> No
MUD FLAP BRACKET:	<input type="checkbox"/> Yes <input type="checkbox"/> No
STOP BAR:	<input type="checkbox"/> Yes <input type="checkbox"/> No
UNIVERSAL LOAD SCALE KIT:	<input type="checkbox"/> Yes <input type="checkbox"/> No
UBL™ UNDER BEAM LIFT™:	<input type="checkbox"/> Yes <input type="checkbox"/> No

TIREMAAX® KIT WORKSHEET ^{12,13}	
Not included in VANTRAAX Model Number — Sold Separately	
CONTROLLER TYPE:	<input type="checkbox"/> CP <input type="checkbox"/> PRO
ELECTRICAL CONNECTION:	<input type="checkbox"/> Delphi Weather Pack (Standard) <input type="checkbox"/> Blade Terminals ¹⁴ (Hendrickson Controls approval required)
HUBCAP TYPE:	<input type="checkbox"/> Hendrickson Bolt-On <input type="checkbox"/> Hendrickson Extended Bolt-On ¹⁵
LUBE TYPE:	<input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Oil
WHEEL STYLE / MATERIAL	<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)
TIRE SIZE:	<input type="checkbox"/> 17.5" <input type="checkbox"/> 19.5" <input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5"
COLD TIRE PRESSURE SETTING (psi)¹⁶:	<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
TRAILER-MOUNTED INDICATOR LIGHT KIT:	<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 ¹⁷) <input type="checkbox"/> Incandescent – 12V <input type="checkbox"/> No ¹⁴
WIRING HARNESS:	<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 ¹⁴ (Hendrickson Controls approval required)
AIR PLUMBING KIT:	<input type="checkbox"/> Manifold ¹⁸ <input type="checkbox"/> No
CONTROLLER TANK VALVE¹⁹: (Pressure Check)	<input type="checkbox"/> Yes (CP Models Only) <input type="checkbox"/> No

10. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.
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. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".
15. Required for axles with TIREMAAX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.
16. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.
17. 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.
18. Not available for single-axle systems.
19. 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, 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 www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.			
HENDRICKSON MAXX22T™ ADB (Hendrickson Standard)				
CONVERTER DOLLY APPLICATION:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)			
DISC BRAKE APPROVAL:	<input type="checkbox"/> Preapproval: 20,000 lb or less GAWR or up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)			
PAD/LINING:	WABCO 233			
BRAKE CHAMBER:	<input type="checkbox"/> WABCO 18/24 Std <input type="checkbox"/> WABCO 18 (Dolly)			
ABS TONE RING / DUST SHIELD:	Required			
ABS SENSORS (Required):	<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"			
ABS SENSOR LOCATION:	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			
ROTOR BRAND/MATERIAL:	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	<input type="checkbox"/> Standard Service (1-year Limited Warranty ⁹)	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁹)	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁹)	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁹)
SPINDLE:	<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
HUB MATERIAL:	<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
HUB STYLE:	Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires			
WHEEL MATERIAL:	<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
DUAL / SUPER SINGLE: (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)
LUBE TYPE:	<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

SEAL:	Standard	Standard	Standard	Standard
BEARINGS:	Standard			
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System or	PRECISION240 Nut System PRECISION320 Nut System or	PRECISION320 Nut System
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On
WHEEL FASTENERS:	<input type="checkbox"/> Yes ¹⁰ <input type="checkbox"/> No			

DISC BRAKES *		WABCO PAN22-1 ADB				
CONVERTER DOLLY APPLICATION:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available)					
DISC BRAKE APPROVAL: (Must select one)	<input type="checkbox"/> Preapproval: 20,000 lb or less GAWR or					
	<input type="checkbox"/> Online Approval # _____ or					
	<input type="checkbox"/> Complete ADB Waiver on page 8 or					
	<input type="checkbox"/> Complete ADB Application Form on page 8					
PAD/LINING:	WABCO 230					
BRAKE CHAMBER:	<input type="checkbox"/> WABCO 20/24 Std <input type="checkbox"/> WABCO 20 (Dolly)					
ABS TONE RING / DUST SHIELD:	Required					
ABS SENSORS (Required):	<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"					
ABS SENSOR LOCATION:	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					
ROTOR BRAND/MATERIAL:	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm ConMet Cast Iron	
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	<input type="checkbox"/> Standard Service (1-year Limited Warranty ⁹)	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁹)	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁹)	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁹)	<input type="checkbox"/> ConMet PreSet (5-year Limited Warranty ⁹)	
SPINDLE:	<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	
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	ConMet Aluminum	
HUB STYLE:	Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires					
WHEEL MATERIAL:	<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	
DUAL / SUPER SINGLE: (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)	
LUBE TYPE:	<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	
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)	
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)	
SPINDLE NUT:	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	
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On	
WHEEL FASTENERS:	<input type="checkbox"/> Yes ¹⁰ <input type="checkbox"/> No					

DISC BRAKES *		KNORR / BENDIX ADB22X					
CONVERTER DOLLY APPLICATION:	<input type="checkbox"/> No <input type="checkbox"/> Yes (STOP. ADB22X is not approved for dollies. Must spec MAXX22T™ or PAN22-1)						
DISC BRAKE APPROVAL: (Must select one)	<input type="checkbox"/> Preapproval: Tandem Trailer – 80,000 lb GCW Max, Tridem Trailer – 98,000 GCW or						
	<input type="checkbox"/> Online Approval # _____ or						
	<input type="checkbox"/> Complete ADB Waiver on page 8 or						
	<input type="checkbox"/> Complete ADB Application Form on page 8						
PAD/LINING:	Jurid 539-29						
BRAKE CHAMBER:	Knorr 18/24 Std						
ABS TONE RING / DUST SHIELD:	Required						
ABS SENSORS (Required):	<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"						
ABS SENSOR LOCATION:	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						
ROTOR BRAND/MATERIAL:	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm ConMet Cast Iron	
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	<input type="checkbox"/> Standard Service (1-year Limited Warranty ⁹)	<input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁹)	<input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁹)	<input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁹)	<input type="checkbox"/> ConMet PreSet (5-year Limited Warranty ⁹)		
SPINDLE:	<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	
HUB MATERIAL:	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	
HUB STYLE:	Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires						
WHEEL MATERIAL:	<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		
DUAL / SUPER SINGLE: (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)		
LUBE TYPE:	<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		
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)		
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)		
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System or PRECISION320® Nut System	PRECISION240 Nut System or PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut		
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On		
WHEEL FASTENERS:	<input type="checkbox"/> Yes ¹⁰ <input type="checkbox"/> No						



Complete the AIR DISC BRAKE WAIVER or APPLICATION FORM if you did not check PRE-APPROVED or ONLINE APPROVAL on page 6 or 7.

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

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