HENDRICKSON USE ONLY

ORDERING GUIDE

VANTRAAX® SLIDER SUSPENSION

LIT NO: L544
DATE: April 2025 **REVISION:** EEE

FORM INSTRUCTIONS

For complete price and model number information on a VANTRAAX® slider suspension system, email this form to the appropriate contact (see page 10). 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:**

SLIDER / SUSPENSION

AXLE ARRANGEMENT:	☐ **SINGLE**		☐ **TANDEM**						☐ **TRIDEM**
RAMP-READY:	No		No	No				Yes	Continue to page 2
MODEL:	☐ HKANT 23K[1]	☐ HKANL 23K[1,2]	☐ HKANT 40K	☐ HKANT 46K		☐ HKAT 50K	☐ HKAL 46K	☐ HKARL 46K	
BOX DUTY:	Standard	Standard	☐ Standard ☐ Heavy-Duty	Standard		Standard	Standard	Standard	
SUSPENSION DAMPING:	☐ Standard ☐ ZMD®	Standard	☐ Standard ☐ ZMD	☐ Standard ☐ ZMD		☐ Standard ☐ ZMD	Standard	Standard	
AXLE SPREAD:	N/A	N/A	49"	☐ 49"	☐ 121"	49"	49"	49"	
RIDE HEIGHT:	☐ 16"[3] ☐ 17"[3]	☐ 17"	☐ 16" ☐ 17.5"[4] ☐ 17"	☐ 16"[3] ☐ 17.5"[4] ☐ 17"[3]	☐ 16"[3] ☐ 17.5"[4] ☐ 17"[3]	☐ 16"[3] ☐ 18"[3] ☐ 17"[3] ☐ 19"	☐ 10" ☐ 11"	☐ 9"[5] ☐ 11" ☐ 10" ☐ 12"	
BOX WIDTH / AXLE TRACK[6]:	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 48" / 77.5"	
SLIDER PIN EXTRACTOR:	☐ QUIK-DRAW®			☐ QUIK-DRAW / No valve			☐ 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. ZMD air spring damping available on select ride heights.
4. Only available with Hendrickson-installed UBL.
5. HKARL 46K models with a 9-inch ride height are not available with air disc brakes.
6. Refer to L846 Wide Base Tire Configuration Bulletin for track / wheel recommendations.

HENDRICKSON

SLIDER / SUSPENSION

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

AXLE ARRANGEMENT:	☐ **TRIDEM**		
RAMP-READY:	No		
MODEL:	☐ HKANT 69K23	☐ HKAT 69K25	☐ HKAT 75K25
BOX DUTY:	Standard	Standard	Standard
AIR SPRING DAMPING:	☐ Standard ☐ ZMD®	☐ Standard ☐ ZMD	☐ Standard ☐ ZMD
AXLE SPREAD:	☐ 49" ☐ 60" ☐ 72"	☐ 60" ☐ 72"	☐ 60" ☐ 72"
RIDE HEIGHT:	☐ 16" [7] ☐ 18" ☐ 17" [7]	☐ 16" [7] ☐ 18" [7] ☐ 17" [7]	☐ 16" [7] ☐ 18" [7] ☐ 17" [7]
BOX WIDTH / AXLE TRACK[8]:	☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"	☐ 42" / 71.5" ☐ 48" / 77.5"
SLIDER PIN EXTRACTOR:	☐ QUIK-DRAW®	☐ QUIK-DRAW / No valve	☐ None / Fixed

SLIDER / SUSPENSION (Continued)

CUSTOMER-SUPPLIED BODY RAIL STYLE[9]:	☐ 1.375" × 6" HC	☐ 1.625" × 4" HC	☐ 1.375" × 4" HC (TTMA)
SLIDER BOX SHIMS:	☐ No	☐ Standard (.18")	☐ Thick (.23")
SHOCK STRAPS:	☐ No	☐ Yes	
HCV PRE-INSTALLED[10]:	☐ Standard	☐ Integral Dump	☐ No
	Fitting Type:	☐ Compression	☐ Push-to-Connect (Std.)
WALK / DROP SOLUTIONS[11]:	☐ No	☐ SURELOK® Installed	☐ SURELOK Capable (HKANT & HKAT Models Only)
SURELOK AIR KIT:	☐ No	☐ Manual Bypass	☐ Manual Bypass with Dump ☐ No Valve Included (Order Valve Separately)
WELD-ON AIR TANK BRACKET:	☐ No	☐ Yes (Standard Location)	☐ Yes (Optional Location) — Contact CSR for Details
HENDRICKSON-INSTALLED UBL™[12]:	☐ Standard Lift (40.2" Maximum Tire Diameter)	☐ Limited Lift (41.3" Maximum Tire Diameter)	☐ No
SURFACE COATING: Slider Box	☐ Standard Black Primer	☐ Finished Black Soft Coat	☐ Galvanized[13]
Suspension	Standard Black Primer	Finished Black Soft Coat	☐ Finished Black Soft Coat ☐ Black Primer

AXLE

SPINDLE:	☐ HN ☐ HP ☐ HX[14]
TIRE INFLATION SYSTEM[15]:	☐ TIREMAAX® CP [16] (Complete Worksheet on page 9) ☐ TIREMAAX PRO (Complete Worksheet on page 9) ☐ 3-Hole Prep ☐ No ☐ TIREMAAX PRO-LB (Complete Worksheet on page 9)

7. ZMD air spring damping available on select ride heights.
8. Refer to Hendrickson publication L846 Wide Base Tire Configuration Bulletin for track / wheel recommendations.
9. Information purposes only; Hendrickson does not supply body rails.
10. Pre-installed height control valves are not available on HKARL 46K models.
11. SURELOK is not available on HKARL 46K models.
12. Hendrickson-Installed UBL™ is a liftable slider for automatic weight-sensing lift system that when paired with controls, raises and lowers one axle on VANTRAAX® integrated slider system without driver interaction.
13. 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.
14. HX Spindle is availble only with Outboard Mounted Rotor.
15. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details related to competitor tire inflation systems.
16. Outboard Mounted Rotor is not available with TIREMAAX CP.

Are you ordering air disc brakes? ❑ No (Continue on page 3) ❑ Yes (Go to page 5)

DRUM BRAKES*

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

BRAKE LINING:	❑ H20		❑ H23		❑ H26	
BRAKE SIZE:	❑ 16.5" x 7"	❑ 16.5" x 8-5/8"	❑ 16.5" x 7"	❑ 16.5" x 8-5/8"	❑ 16.5" x 7"	❑ 16.5" x 8-5/8"
BRAKE MODEL:	❑ Standard ❑ HXS®	HXS	❑ Standard ❑ HXS	HXS	HXS	HXS
BRAKE COATING:	❑ Standard	❑ AAXTREME COAT® (HXS Only)	❑ Standard	❑ AAXTREME COAT (HXS Only)	Standard	
BRAKE CHAMBERS[17]:	❑ None	❑ 2.5" Standard Stroke			❑ 3.0" Long Stroke	
SIZE / WARRANTY:		❑ Type 30/30 Standard Warranty	❑ Type 30/30 Extended Warranty	❑ Type 24/30 Standard Warranty	❑ Type 24/24 Standard Warranty	❑ Type 30/30 Standard Warranty	❑ Type 30/30 Extended Warranty
SLACK ADJUSTER:	❑ None	❑ Standard 5.5"			❑ Standard 6.0"	
S-CAM:	❑ 28 Spline	❑ 10 Spline				
DUST SHIELD:	❑ No	❑ Yes				
ABS SENSOR:	❑ No	❑ Haldex 19.7"	❑ Haldex 78.7"	❑ WABCO 15.7"	❑ Bendix 12.6"	❑ Bendix 78.2"	❑ WABCO 36.0"

DRUM BRAKES

ABS SENSOR LOCATION:	**Single:**	❑ None	❑ 2		
	Tandem:	❑ None	❑ 2 – Front	❑ 2 – Rear	❑ 4 – Both
	Tridem:	❑ None	❑ 2 – Front	❑ 2 – Middle	❑ 2 – Rear
		❑ 4 – Front and Middle	❑ 4 – Front and Rear	❑ 4 – Middle and Rear	❑ 6 – All
SPINDLE NUT:	❑ No	❑ Standard 3-Piece Nut			

17. 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.

	❒ **Standard Service** (1-Year Limited Warranty[18])	❒ **HXL3® Hendrickson Extended-Life System™** (3-Year Limited Warranty[18])	❒ **HXL5® Hendrickson Extended-Life System™** (5-Year Limited Warranty[18])	❒ **HXL7® Hendrickson Extended-Life System™** (7-Year Limited Warranty[18])	❒ **ConMet PreSet®** (5-Year Limited Warranty[18])
SPINDLE:	❒ HN® ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP
HUB MATERIAL:	❒ Ductile Iron ❒ Dura-Light Hub® ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ 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:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80 / 90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80 / 90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90
SEAL:	❒ Stemco Voyager ❒ Stemco Discover ❒ Hendrickson	Standard	Standard	Standard	No (ConMet Included)
BEARING:	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
ABS TONE RING:	Yes	Yes	Yes	Yes	Yes

DRUM OPTIONS

DRUM MATERIAL:	❒ Cast	❒ Fused
DRUM DUTY:	❒ Standard	❒ Heavy-Duty
DRUM BALANCING:	Balanced	
WHEEL FASTENERS:	❒ Yes[19]	❒ No

18. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.
19. 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, 75K25, **HKARL**	ADB available without SURELOK®
HKANL, HKAL	ADB not available
HKARL	ADB 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:	No				
DISC BRAKE APPROVAL:	Approval: 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 232				
BRAKE CHAMBER:	Type 20 / 24 Std				
ABS TONE RING / DUST SHIELD:	Required				
ABS SENSORS (Required):	☐ Bendix 78.2" ☐ Haldex 19.7" ☐ Haldex 78.7" ☐ WABCO 39.4"				
ABS SENSOR LOCATION:	Tandem: ☐ 2 – Front ☐ 2 – Rear ☐ 4 – Both Tridem: ☐ 2 – Front ☐ 2 – Middle ☐ 2 – Rear ☐ 4 – Front & Middle ☐ 4 – Front & Rear ☐ 4 – Middle & Rear ☐ 6 – All				
ROTOR BRAND / MATERIAL:	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron
ROTOR MOUNTING	Inboard	Inboard	Inboard	Inboard	Outboard
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	☐ **Standard Service** (1-year Limited Warranty[18])	☐ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[18])	☐ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[18])	☐ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[18])	☐ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[18])
SPINDLE:	☐ HN® ☐ HP	☐ HN ☐ HP	☐ HN ☐ HP	HP	HX
HUB MATERIAL:	☐ Dura-Light Hub® ☐ Ductile Iron	☐ Dura-Light Hub ☐ Ductile Iron	☐ Dura-Light Hub ☐ Ductile Iron	☐ Dura-Light Hub ☐ Ductile Iron	Steel
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires				
WHEEL MATERIAL:	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (LS)
LUBE TYPE:	☐ SAE 80 / 90 ☐ Semi-Fluid Grease ☐ Synthetic 75W / 90	☐ SAE 80 / 90 ☐ Synthetic 75W / 90	Semi-Fluid Grease	Semi-Fluid Grease	Semi-Fluid Grease
SEAL:	Standard	Standard	Standard	Standard	Hendrickson Premium
BEARINGS:	Standard	Standard	Standard	Standard	Timken
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	PRECISION320 Nut System
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Corrosion Resistant Bolt-On
WHEEL FASTENERS:	☐ Yes[19]	☐ No			

18. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.
19. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.

DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.				
	WABCO PAN22-1 ADB				
CONVERTER DOLLY APPLICATION:	No				
DISC BRAKE APPROVAL:	Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)				
PAD / LINING:	WABCO 230				
BRAKE CHAMBER:	Type 20 / 24 Std				
ABS TONE RING / DUST SHIELD:	Required				
ABS SENSORS (Required):	☐ Bendix 78.2" ☐ Haldex 19.7" ☐ Haldex 78.7" ☐ WABCO 39.4"				
ABS SENSOR LOCATION:	Tandem: ☐ 2 – Front ☐ 2 – Rear ☐ 4 – Both Tridem: ☐ 2 – Front ☐ 2 – Middle ☐ 2 – Rear ☐ 4 – Front & Middle ☐ 4 – Front & Rear ☐ 4 – Middle & Rear ☐ 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:	☐ **Standard Service** (1-year Limited Warranty[18])	☐ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[18])	☐ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[18])	☐ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[18])	☐ **ConMet PreSet** (5-year Limited Warranty[18])
SPINDLE:	☐ HN® ☐ HP	☐ HN ☐ HP	☐ HN ☐ HP	HP	☐ HN ☐ HP
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	ConMet Aluminum
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires				
WHEEL MATERIAL:	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)
LUBE TYPE:	☐ SAE 80 / 90 ☐ Semi-Fluid Grease ☐ Synthetic 75W / 90	☐ SAE 80 / 90 ☐ Synthetic 75W / 90	Semi-Fluid Grease	Semi-Fluid Grease	☐ Semi-Fluid Grease ☐ 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 **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:	☐ Yes[19]	☐ No			

18. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.
19. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.

DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.					
	KNORR / BENDIX ADB22X-LT					
CONVERTER DOLLY APPLICATION:	No					
DISC BRAKE APPROVAL:	Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)					
PAD / LINING:	BX276					
BRAKE CHAMBER:	Knorr 18/24 Std					
ABS TONE RING / DUST SHIELD:	Required					
ABS SENSORS (Required):	☐ Bendix 78.2" ☐ Haldex 19.7" ☐ Haldex 78.7" ☐ WABCO 39.4"					
ABS SENSOR LOCATION:	Tandem: ☐ 2 – Front ☐ 2 – Rear ☐ 4 – Both Tridem: ☐ 2 – Front ☐ 2 – Middle ☐ 2 – Rear ☐ 4 – Front & Middle ☐ 4 – Front & Rear ☐ 4 – Middle & Rear ☐ 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:	☐ **Standard Service** (1-year Limited Warranty[18])	☐ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[18])	☐ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[18])	☐ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[18])	☐ **ConMet PreSet** (5-year Limited Warranty[18])	
SPINDLE:	☐ HN® ☐ HP	☐ HN ☐ HP	☐ HN ☐ HP	HP	☐ HN ☐ HP	
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	☐ ConMet AL Splined	☐ ConMet Ductile Iron (HP Only) ☐ ConMet Aluminum
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires					
WHEEL MATERIAL:	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	☐ Aluminum ☐ Steel ☐ Steel / Aluminum	
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	☐ Dual ☐ Super Single (SS) ☐ Super Single (LS)	
LUBE TYPE:	☐ SAE 80 / 90 ☐ Semi-Fluid Grease ☐ Synthetic 75W / 90	☐ SAE 80 / 90 ☐ Synthetic 75W / 90	Semi-Fluid Grease	Semi-Fluid Grease	☐ Semi-Fluid Grease ☐ 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 **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:	☐ Yes[19]	☐ No				

18. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.
19. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.

ACCESSORY ITEMS	Not included in VANTRAAX® Model Number — Sold Separately				
STINGER:	☐ Yes	☐ No	**Length:**	☐ 32"	☐ 36"
SINGLE AXLE SLIDER REPOSITIONING KIT[20]:	☐ Yes	☐ No			
MANUAL DUMP VALVE:	☐ Yes	☐ No	**With Enclosure:**	☐ Yes	☐ No
MUD FLAP BRACKET:	☐ Yes	☐ No			
STOP BAR:	☐ Yes	☐ No			
UNIVERSAL LOAD SCALE KIT:	☐ Yes	☐ No			
OEM-INSTALLED UBL™:	☐ Yes	☐ No			

20. 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.

TIREMAAX® [21]

MODEL TYPE:	☐ CP ☐ PRO	☐ PRO-LB [22]	
SUSPENSION CATEGORY: (PRO-LB is limited to suspension models shown)	N/A	☐ A **VANTRAAX®** HKANT 40K (≥16" RH)	☐ B **VANTRAAX** HKANT 23K HKANT 40K (15" RH) HKANT / HKAT 46K	☐ C **VANTRAAX** HKAT 50K
ELECTRICAL CONNECTION:	☐ Delphi Weather Pack (Standard) ☐ Blade Terminals[23]			

MODEL TYPE:	**CP / PRO**	**PRO-LB**
TIRE SIZE:	☐ 17.5" ☐ 19.5" ☐ 22.5" ☐ 24.5"	☐ 22.5" ☐ 24.5"
NUMBER OF AXLES:	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2
AXLE STYLE:	Integrated	Integrated
HUBCAP TYPE:	☐ Hendrickson Bolt-On ☐ Hendrickson Extended Bolt-On[24]	
LUBE TYPE:	☐ Semi-Fluid Grease ☐ Oil	
WHEEL STYLE / MATERIAL:	☐ Dual / Aluminum ☐ Dual / Steel or Combo ☐ Super Single / Aluminum[25] (Outward facing stem; straight hose) ☐ Super Single / Steel (Inward facing stem; 180-degree hose) ☐ Super Single / Steel (Outward facing stem; straight hose) ☐ Dual / Alcoa ULT36 All Alum ☐ Dual / Alcoa ULT36 Steel Combo	

MODEL TYPE:	**CP**	**PRO**	**PRO-LB**		
COLD TIRE PRESSURE SETTING (PSI):	☐ 70 ☐ 100 ☐ 75 ☐ 105 ☐ 80 ☐ 110 ☐ 85 ☐ 115 ☐ 90 ☐ 120 ☐ 95	☐ 85 ☐ 105 ☐ 90 ☐ 110 ☐ 95 ☐ 115 ☐ 100 ☐ 120	**COLD TIRE PRESSURE SETTING (PSI) AT 17,000 LB:**	**Dual (Min. PSI = 75)** ☐ 85 ☐ 105 ☐ 90 ☐ 110* ☐ 95 ☐ 115* ☐ 100 ☐ 120* *REQUIRES ENGINEERING APPROVAL	**Super Single (Min. PSI = 90)** ☐ 100 ☐ 115* ☐ 105 ☐ 120* ☐ 110* *REQUIRES ENGINEERING APPROVAL

TIRE HOSE:	☐ Standard	☐ Integral Check Port - 1-Port (22.5" tire size only)	☐ Integral Check Port - 2-Port (22.5" tire size only)
INDICATOR LIGHT KIT:	☐ LED – 12V with 65-Foot Cable (Standard)	☐ LED – 12V with 35-Foot Cable	☐ LED – 24V with 65-Foot Cable (Export[24]) ☐ No[21]
WIRING HARNESS:	☐ Premium, 15-Foot, ABS-Ready	☐ Premium, 3-Foot, ABS-Ready	☐ Standard, 18-Inch, Wiring Adapter Plug ☐ No[21]
AIR PLUMBING KIT:	☐ Manifold[27]	☐ No	
CONTROLLER TANK VALVE:	☐ Yes (CP models only)	☐ No	

21. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.
22. Due to capacity limitations of a typical tractor's compressor, installation of PRO-LB on more than two axles per vehicle combination is not advised.
23. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".
24. Required for axles with TIREMAAX PRO or PRO-LB equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.
25. For aluminum zero-offset wheels with outward facing stem, contact Hendrickson Engineering for applications support.
26. 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.
27. Not available for single-axle systems.

INSTRUCTIONS (cont.)

For complete price and model number information on a VANTRAAX® slider suspension system, email this form to your account specialist or:
for OEM Customer Service send to Canton_Inside_Sales@hendrickson-intl.com
for Aftermarket Customer Service send to hdcs@hendrickson-intl.com
for Canada send to bramptoncustomerservice@hendrickson-intl.com

Notes

Notes

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, operation, service and maintenance instructions.

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

HENDRICKSON

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