

 **HENDRICKSON**
The World Rides On Us®



TRAILER COMMERCIAL VEHICLE SYSTEMS

CONNEX® ST CXST 25K

Trailer steerable suspension system

- Ideal for multi-axle trailer applications
- Assists in complying with applicable Ontario SPIF regulations
- Helps increase maneuverability
- Standard with RTR® READY-TO-ROLL® wheel-end packages, HXL3® or HXL5®
- Available with TIREMAAX® tire pressure control systems
- Ride heights from 14 to 19 in.
- Capacity of 25,000 lbs.

Hendrickson Literature reference - L1243



CONNEX®

Unitized air suspension and axle system

- Ideal for low-ride height applications that require 12.25 and 16.5 in. drum brake packages
- Available with TIREMAAX® tire pressure control system
- Standard with RTR® READY-TO-ROLL® wheel-end package, HXL5®
- Standard with QUIK-ALIGN® pivot connection
- Capacities of 23,000 and 25,000 lbs.

Hendrickson Literature reference - L1275

CXU 23K / 25K

- Galvanized frame bracket option for bolt-on frame brackets
- Ride heights from 5.5 to 9 in.

CXY 23K / 25K

- Yoke-type suspension; ideal for applications such as lowboys
- Designed to be used in conjunction with CXU suspensions
- Ride heights from 6.5 to 9 in.



INTRAAX® AAT 23K / 25K / 30K

Fully integrated top-mount air suspension / axle / brake system

- Hendrickson's first integrated trailer suspension system — setting the industry standard for weight savings, reduced maintenance and outstanding durability
- Designed for platforms, tankers, dumps, grain, livestock and specialty trailers for on- and off-highway applications
- Ride heights from 13.5 to 19 in.
- ZMD® shockless ride technology available on select AAT 23K and 25K models
- RCA raised-center axle available in 5 in. axle diameter only
- Galvanized frame bracket option for bolt-on frame brackets
- Capacities of 23,000, 25,000 and 30,000 lbs.



INTRAAX® AANT 23K

Narrow-bushing, tapered-beam air suspension / axle / brake system

- Lightweight, integrated trailer suspension solution
- Optimum performance for straight-frame platforms, container chassis, tankers, bottom dumps, grain and livestock trailers
- Installation efficiency — tapered hangers allow installation without additional gussets on trailer frames as narrow as 4 in.
- ZMD® shockless ride technology available
- Ride heights from 12 to 19 in.
- Galvanized frame bracket option for bolt-on frame brackets
- Capacity of 23,000 lbs.



INTRAAX® AAL 23K / 25K / 30K

Low-ride height / liftable air suspension / axle / brake system

- For drop-decks, lowboys, platforms, tankers, vans and specialty trailers
- All the advantages of INTRAAX®, including low weight, high durability and integrated system performance with minimal maintenance
- Ride heights from 6.5 to 19 in.
- RCA raised-center axle available in 5 in. axle diameter only
- Galvanized frame bracket option for bolt-on frame brackets
- Capacities of 23,000, 25,000 and 30,000 lbs.



HT™ Series

Reliable, affordable and flexible air suspensions

- Designed for use with multiple brake sizes, including 12.25 in.
- Multiple brake chamber orientations available
- TRI-FUNCTIONAL® Bushing with up to a 5-year limited warranty*
- QUIK-ALIGN® axle alignment system standard on most models
- 5-year / 500,000-mile structural warranty*
- Individual replacement parts are available



Top-Mount Air Suspensions

(HT190T, HT230T, HT250T and HT300T)

- Ride heights from 12 to 23 in.
- High control optional packages available for certain models and rated capacities
- Some models available for use with steerable axles and air disc brakes
- Capacities of 20,000, 23,000, 25,000 and 30,000 lbs.

AUXILIARY AXLE SYSTEMS

TIREMAAX® PRO / PRO-LB

Tire pressure control systems

- Automatically inflates tires using the trailer air supply
- Prevents overinflation by relieving air from the tires back through the controller
- Patented controller[▲] is designed to recognize normal pressure increase due to operation
- Constantly equalizes tire pressure across all wheel positions
- **TIREMAAX® PRO-LB** automatically adjusts tire pressures based on trailer load



[▲] These products are covered by at least one or more U.S. and/or foreign patents and/or pending U.S. and/or foreign patent applications. See Hendrickson for details.

Hendrickson MAXX22T™

Optimized trailer air disc brake system

- Proprietary Hendrickson MAXX22T™ system
- Lightweight rotor and torque plate deliver superior weight savings over ductile iron designs
- Enhanced weight savings with the Dura-Light Hub® option
- Bolt-on dust shield for easier installation and maintenance
- The only ADB system offered with Hendrickson comprehensive warranty* coverage



Hendrickson Literature reference - L1239

RTR® READY-TO-ROLL®

Fully integrated wheel-end solutions that help minimize operating costs and improve performance

- **HXL3® Hendrickson Extended-Life 3-year System™** features a three-year limited on-highway warranty*
- **HXL5® Hendrickson Extended-Life 5-year System™** features a five-year limited on-highway warranty*
- **HXL7® Hendrickson Extended-Life 7-year System™** features a seven-year limited on-highway warranty*

Hendrickson Literature reference - L1200



PRECISION320®
Nut System



*Contact your local Hendrickson representative for complete warranty terms, conditions and limitations.

COMPOSILITE® EXS13K

Steerable trailer lift axle suspension system

- Inset lower beams eliminates the need for V-rod
- Adjustable frame width and ride height features
- 31-degree wheel cut provides outstanding maneuverability
- Bolt-on axle seats make for easier serviceability
- Optimized package design
- Available with integrated pre-plumbed air system and air disc or drum brakes

Hendrickson Literature reference - H770



EXS13 Trailer

COMPOSILITE® EXF13K

Non-steerable trailer lift axle suspension system

- Designed for use with single tire setup
- Fabricated axle reduces suspension weight and maintains durability
- Versatile lightweight axle accommodates multiple applications
- Compact package reduces space needed for operation
- Industry standard 15 x 4 inch brakes
- Lift plates remain parallel for longer air spring life
- In-line air springs maximize packaging space and help remove the risk of possible driveline interference

Hendrickson Literature reference - H770



EXF13 Trailer

TOUGHLIFT® FMW20K

Heavy-duty non-steerable trailer lift axle suspension system

- Wide range of ride heights available for both truck and trailer applications
- Provides up to 6.5 inches of lift, with total travel of 9.5 inches
- Equipped with Hendrickson's TRI-FUNCTIONAL® Bushing
- Standard QUIK-ALIGN® eliminates welding in the alignment process
- Available in forward or tag axle configurations

Hendrickson Literature reference - H770



FMW20 Trailer

Protect your investment with **HENDRICKSON** Genuine Parts

Hendrickson views education and knowledge as paramount attributes in an industry where equipment uptime is a primary metric. To facilitate these attributes, Hendrickson offers a vast array of tools to support parts and service personnel, along with do-it-yourselfers.

MAAXUPTIME.com offers access to the bumper configurator, **Parts Look Up System (PLUS+)**, electronic parts catalogs, on-line educational videos from the **Hendrickson Academy** and Hendrickson's website link. MAAXUPTIME.com is a single point of entry to our information and an educational highway where you can find the right part and install it correctly the first time. With the constant and dynamic changes in our industry, more complex tools are required. With the combination of Hendrickson Genuine Parts and MAAXUPTIME.com, fleets and owner-operators can perform with confidence knowing Hendrickson systems and components support their efforts to help achieve maximum uptime.



Original parts. Original fit. Original performance.

SHOCKS

Hendrickson shock absorbers are available worldwide to service Hendrickson truck and tractor suspensions, trailer suspensions and lift axle systems.

Hendrickson shocks provide specific strokes, seal designs, bore diameters and damping characteristics to enhance the performance of the entire system.



PIVOT CONNECTIONS

Hendrickson trailer suspensions and select truck suspensions use pivot connection systems featuring QUIK-ALIGN® axle alignment system, for long-life service and accurate axle alignment.



BUSHINGS

Hendrickson pioneered the use of a simple, large-diameter bushing with the TRI-FUNCTIONAL® Bushing. Hendrickson engineers all its trailing-arm and beam-assembly bushings to help improve peak system performance and maintain integrity with other suspension system components. The unique bushing design and material composition are critical to control horizontal, vertical and roll forces.



AIR SPRINGS

Hendrickson is one of the world's largest consumers and providers of air springs. We maintain our own brand of air springs to service Hendrickson truck, tractor and trailer air suspensions and lift axle systems. Our air springs are designed to optimize the performance of each of our suspension models.



AIR / ELECTRONIC VEHICLE CONTROLS

Hendrickson supplies various air and electric-over-air liftable controls, height control and pressure protection valves. Specially designed and tested for optimum performance with Hendrickson air suspensions, our HCVs help maintain outstanding load stability over the road. Hendrickson also offers many manual and automatic controls to exhaust air suspensions.



BRAKE COMPONENTS

Hendrickson's brake designs feature more efficient brake systems with shorter S-cams and beam-mounted hardware. Our patented Cam Tube System™ extends brake component life, improves brake responsiveness and reduces maintenance costs by locking out contamination. Hendrickson offers a full line of replacement brake shoes, camshafts and cam tube kits to ensure continued superior performance of our suspension systems.



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