

 **HENDRICKSON**

*The World Rides On Us®*



# TRAILER COMMERCIAL VEHICLE SYSTEMS

## CONNEX™-ST

### *Trailer self-steer suspension system*

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

Hendrickson Literature reference - L1243



## CONNEX™ CXU 23K / 25K

### *Unitized air suspension and axle system*

- Ideal for low-ride height applications that require 12.25 in. drum brake package
- Available with TIREMAAX® PRO and CP automatic tire inflation systems
- Standard with RTR® READY-TO-ROLL® wheel-end package HXL5®
- Ride heights from 5.5 to 6.5 in.
- Galvanized frame bracket option for bolt-on frame brackets
- Capacities of 23,000 and 25,000 lbs.

Hendrickson Literature reference - L1275



## INTRAAX® AAT 23K / 25K / 30K

### *The first 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.
- Raised-center axle available in 5 in. axle diameter only
- Air disc brakes available including Hendrickson's MAXX22T™ optimized trailer air disc brakes
- Galvanized frame bracket option for bolt-on frame brackets
- Capacities of 23,000, 25,000 and 30,000 lbs.

Hendrickson Literature reference - L1153 and L1065



## INTRAAX® AANT 23K

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

- Lightest 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® Zero Maintenance Damping® shockless ride technology available
- Air disc brakes available including Hendrickson's MAXX22T™ optimized trailer air disc brakes
- Ride heights from 12 to 19 in.
- Galvanized frame bracket option for bolt-on frame brackets
- Capacity of 23,000 lbs.

Hendrickson Literature reference - L764



## INTRAAX® AAL 23K / 25K / 30K

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

- All the advantages of INTRAAX including low weight, high durability and integrated system performance with minimal maintenance
- For drop-decks, lowboys, platforms, tankers, vans and specialty trailers in on- and off-highway applications
- Ride heights from 6.5 to 19 in.
- Raised-center axle available in 5 in. axle diameter only
- Air disc brakes available including Hendrickson's MAXX22T™ optimized trailer air disc brakes
- Galvanized frame bracket option for bolt-on frame brackets
- Capacities of 23,000, 25,000 and 30,000 lbs.

Hendrickson Literature reference - L1066 and L1065



## HT™ Series

### *Reliable, affordable and flexible options for dependable operation*

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

Hendrickson Literature reference - L632





## AUXILIARY AXLE SYSTEMS

### TIREMAAX® PRO

#### Advanced tire pressure control system

- Automatically inflates tires using the trailer air supply
- Prevents over-inflation by relieving air from the tires back through the controller
- Patented controller is designed to recognize normal pressure increase due to operation
- Constantly pressurizes and equalizes tires

Hendrickson Literature reference - L1017 and L1199



### MAXX22T™

#### Optimized trailer air disc brake system

- Hendrickson proprietary MAXX22T brake caliper
- Lightweight rotor and torque plate deliver unparalleled 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's 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



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

### COMPOSILITE® SCW(B)13K

#### Lightweight steerable lift axle platforms for trailer

- Optimized package design using shorter trailing arms to condense frame space required
- V-Rod feature added for increased lateral stiffness needed on tight turns
- Available with light weight wheel ends and Hendrickson's integrated brake / knuckle system with validated brake linings
- Heavy-duty compliant tie rod (HD-CTR) with threaded end, single point adjustment
- Optimized linear damper
- Available with air disc brake feature

Hendrickson Literature reference - H770



SCW(B)13

### COMPOSILITE® FXW(B)13K

#### Lightweight fixed axle suspension for trailer

- 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



FXW(B)13

### TOUGHLIFT™ FMW(B)20K

#### Heavy-duty fixed axle suspension for trailer

- 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



FMW(B)20

# Protect your investment with **HENDRICKSON** Genuine Parts

Fleets and owner operators rely on Hendrickson quality from ride and stability to weight savings and dependability.

Whether it's bushings, torque rods, air springs, shock absorbers, steel springs or bumpers, Hendrickson Genuine Parts are the same quality as Hendrickson original equipment — consisting of the same design, construction, performance and durability.

Hendrickson's website is the single point of entry to our information and educational highway. Part sell sheets, tech tips, parts lists and technical publications are only a key stroke away. With the endless and dynamic changes in our industry, more complex tools are required. Hendrickson's website offers access to lift axle and bumper configurators, **Parts Look Up System (PLUS+)** and on-line educational videos from the **Hendrickson Academy**. With the combination of Hendrickson genuine parts and support tools, fleets and owner-operators can perform with confidence knowing Hendrickson systems and components support their efforts to help achieve maximum uptime.



## SHOCKS

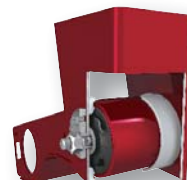
Hendrickson shock absorbers are available worldwide to service Hendrickson truck and tractor suspensions, trailer suspensions and lift axle systems.

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



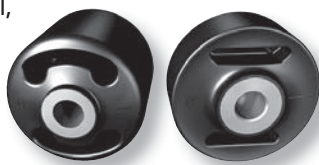
## PIVOT CONNECTIONS

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 of its trailing-arm and beam-assembly bushings to provide peak system performance and maintain integrity with other suspension system components. The unique bushing design and material composition are critical to controlling 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, as well as 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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