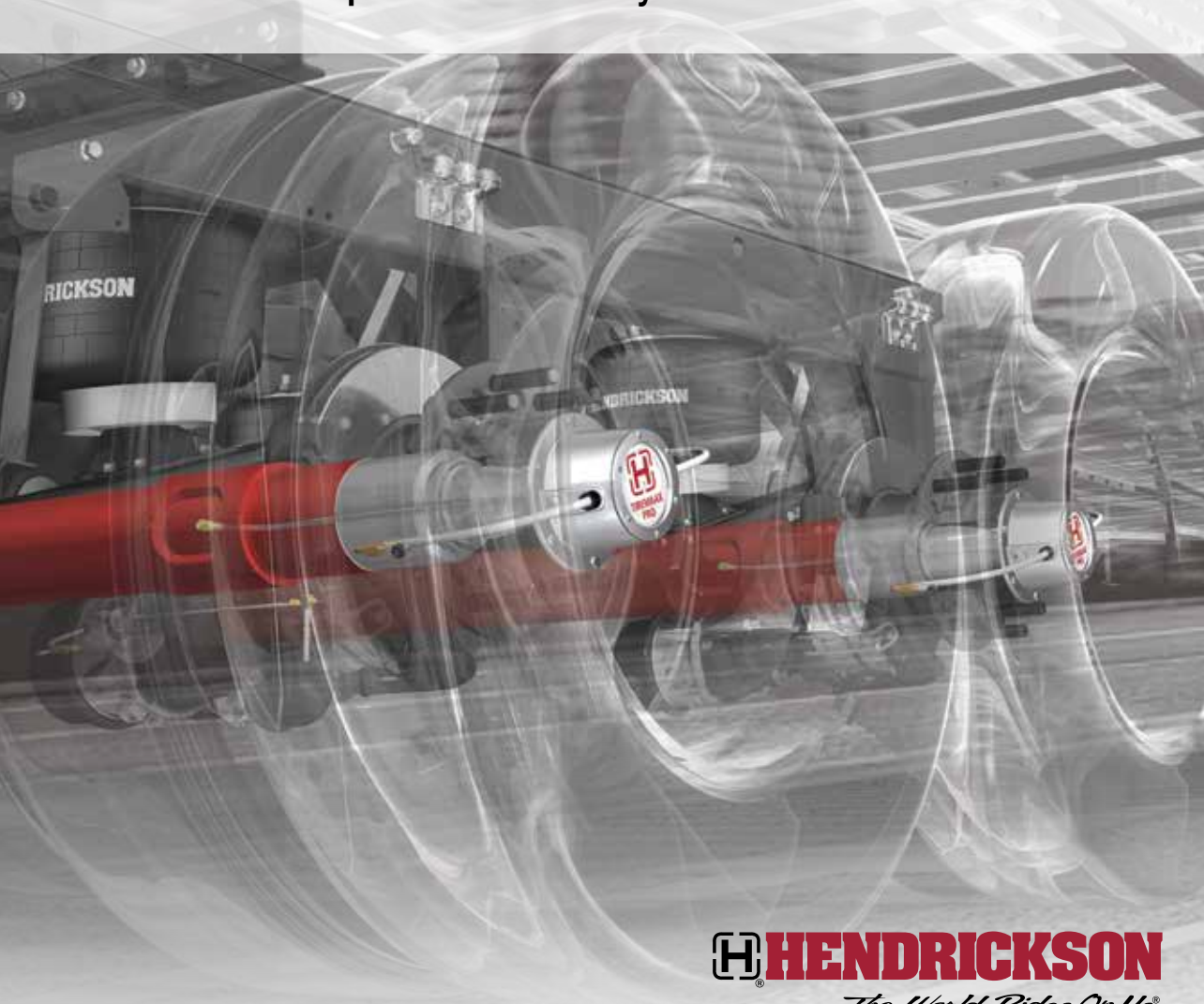


TIREMAAX[®]

[®] Tire pressure control systems



 **HENDRICKSON**

The World Rides On Us[®]

the PROBLEM



UNDERINFLATION



1 in 5 trailers is operating with at least one tire underinflated by 20 psi or more¹



OVERINFLATION

OVERINFLATED

tires can experience accelerated tread wear, reducing tire life by **7 to 15%**²



MISMATCHED DUALS



of trailer duals have mismatched air pressures greater than

5 PSI¹



VARIABLE PAYLOAD

Dry van and reefer trailers drive about

34% 
of their miles empty

Tanker trailers drive about

38% 
of their miles empty³

¹ Federal Motor Carrier Safety Administration (FMCSA) Commercial Vehicle Tire Condition Sensors Report (2003)

² Michelin® Truck Tire Service Manual

³ Convoy Analysis of U.S. Census Bureau, Vehicle Inventory and Use Survey, 2002 Microdata

the SOLUTION

HENDRICKSON
provides the solution to
trailer tire pressure problems
with an industry-leading lineup
of **TIREMAAX**® automatic tire
pressure control systems.



TIREMAAX® LINEUP

Improperly inflated trailer tires can greatly reduce fuel economy and decrease tire life. For a broad range of trailer tire pressure problems, Hendrickson has a TIREMAAX® solution to help yield savings at every turn.

TIREMAAX SOLUTIONS

MODEL	INFLATE	RELIEVE	EQUALIZE	LOAD-BASED ADJUSTMENT
TIREMAAX CP	●	—	—	—
TIREMAAX PRO	●	●	●	—
TIREMAAX PRO-LB	●	●	●	●

●	Available
—	Not Available

TIREMAAX CP

Reacts to underinflated conditions

- Automatically inflates tires to factory pre-set target pressure setting
- Continually checks tire pressure without pressurizing the axle or wheel-ends

TIREMAAX PRO

Responds to under and overinflated conditions as well as inconsistent pressures between mismatched duals

- Automatically inflates tires to factory pre-set target pressure setting
- Prevents overinflation by relieving air from tires back through the controller
- Equalizes tire pressure at every wheel position to help reduce scrubbing between dual tires for improved tire life

TIREMAAX PRO-LB

Adjusts for under and overinflated conditions, inconsistent pressures between mismatched duals and changes in trailer load

- Optimizes tire pressure across all loading conditions to help prevent irregular wear and maximize uptime
- Helps improve trailer handling and tread wear when lightly loaded
- Tailored for carriers that seldom gross-out and/or travel many empty miles



Long-Life Rotary Union

Provides mile after mile of efficient operation

Ventless Hubcap

Reduces the number of potential contaminant pathways

Integral Tire Hose Port

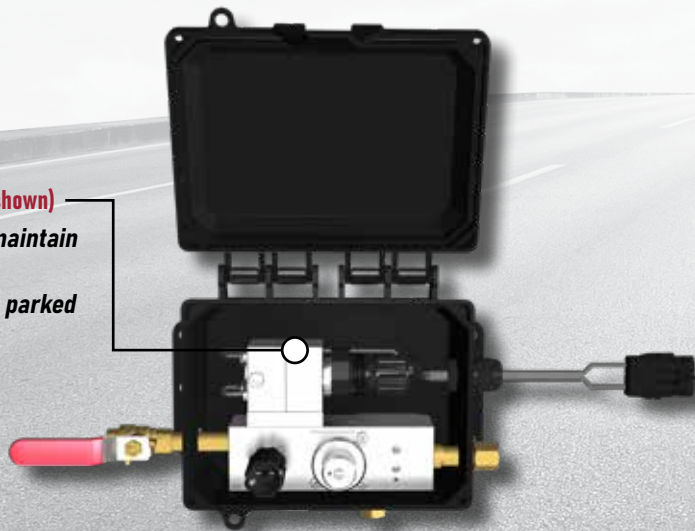
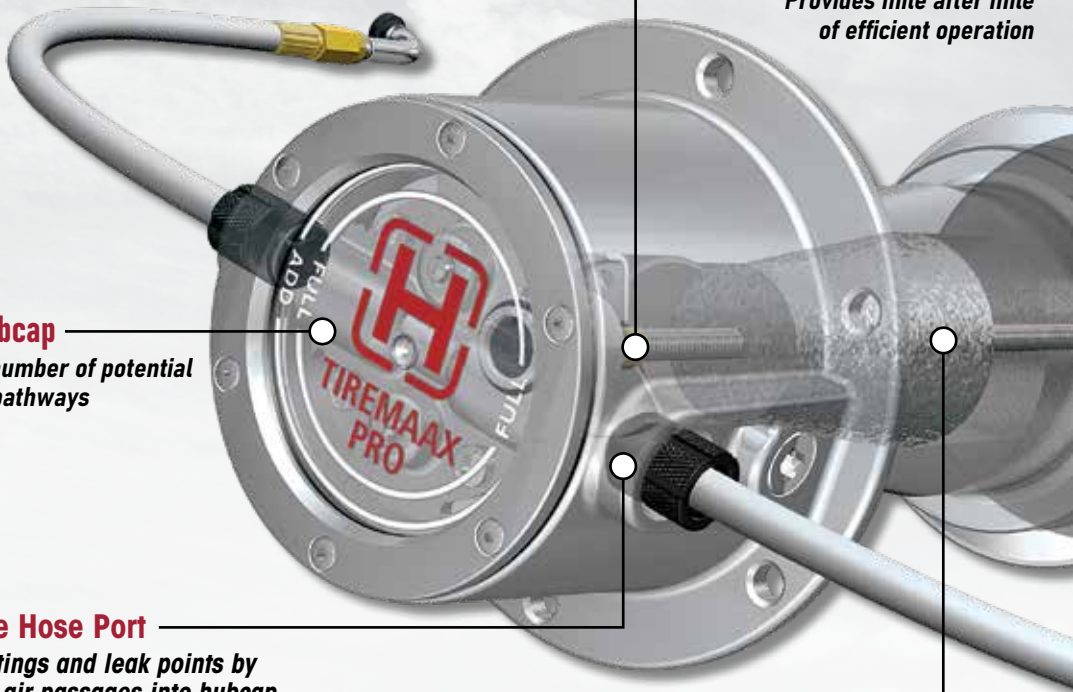
Eliminates fittings and leak points by incorporating air passages into hubcap

Patented Axle Filter

Protects wheel-end from contaminants

Patented Controller (PRO shown)

- Controls tire pressures to maintain desired pressure level
- Isolates tires when trailer is parked





Axle Hose

*Eliminates the need for a
pressurized axle*

Axle Vent

*Defends against contamination from
reaching wheel-end due to remote
mounting location*

Tire Hose

*Provides durable air passageway
to and from tires*

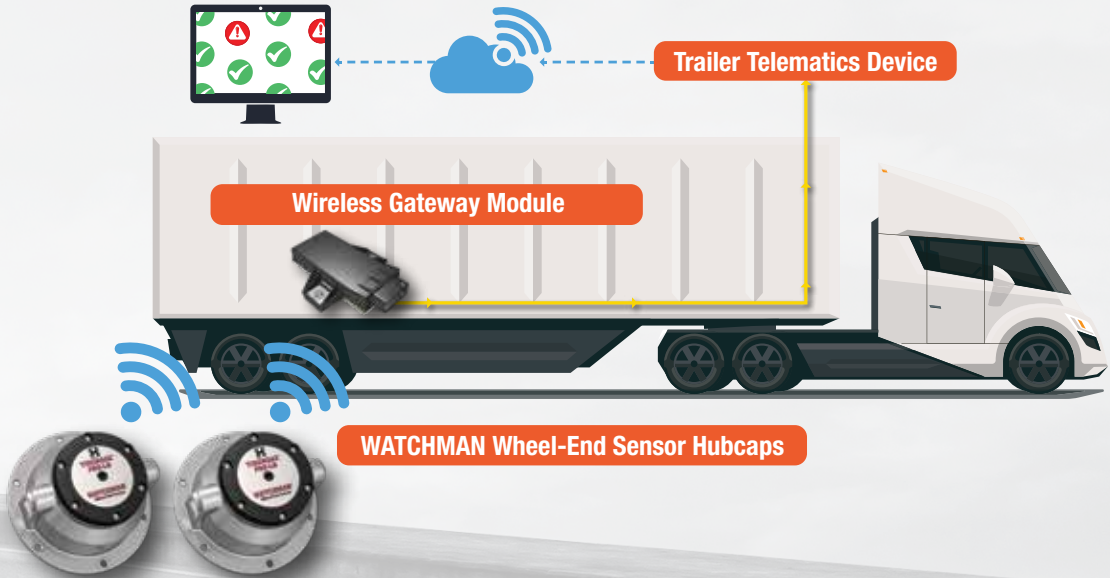
VALUE-ADDED OPTIONS

WATCHMAN® Wheel-End Sensor Technology

Provides real-time monitoring and alerts for tire pressure and wheel-end temperature

- Back office telematics dashboard receives data and signals alert messages for service to be scheduled, helping avoid costly downtime
- Hubcap-mounted wheel-end sensors reduce the chance of sensor damage or loss, as well as the need for reprogramming of the sensor location
- Long-life battery achieved with low-power electronics

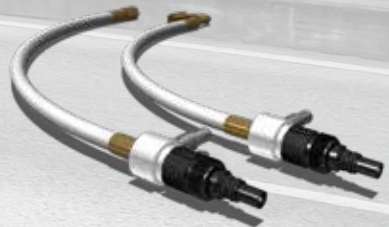
Available on TIREMAAX® PRO and PRO-LB models



Integral Check Port Tire Hose

- Allows tire pressure to be checked at the port without removing the hose from the hubcap
- Designed for use with 22.5-inch dual and super single tires

Available on TIREMAAX® CP, PRO and PRO-LB models



TIREMAAX®

AVAILABILITY

PRODUCT FAMILY	TIREMAAX CP	TIREMAAX PRO	TIREMAAX PRO-LB
ULTRAA-K®	•	•	•
VANTRAA®	•	•	•*
INTRAA®	•	•	•*
INTRAA SP	•	•	—
TRLAXLE®	•	•	—
CONNEX®	•	•	—
CONNEX ST	•	•	—

- Optional
- Not Available

* TIREMAAX PRO-LB is restricted to certain suspension / air spring configurations. Contact your Hendrickson representative to learn more.

TIREMAAX® PRO

ROI CALCULATOR

Try Hendrickson's ROI Calculator to see how specifying TIREMAAX® PRO can help impact your bottom line.

Scan to access
ROI Calculator



TIREMAAX® and WATCHMAN® 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.

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, and operation, service and maintenance instructions.



Hendrickson Trailer Commercial Vehicle Systems

2070 Industrial Place SE, Canton, OH 44707-2641 USA

866.RIDEAIR (743.3247) • Fax 800.696.4416

www.hendrickson-intl.com

Hendrickson Canada ULC

2825 Argentia Road, Unit #2 - 4, Mississauga, ON Canada L5N 8G6

800.668.5360 | 905.789.1030 | Fax: 905.812.9423

Hendrickson Mexicana

Circuito el Marqués Sur #29, Parque Industrial El Marqués

Pob. El Colorado, Municipio El Marqués,

Querétaro, México C.P. 76246

+52 (442) 296.3600 | Fax: +52 (442) 296.3601