

# TIREMAAX<sup>®</sup>

Automatic tire pressure control systems



**HENDRICKSON**  
*The World Rides On Us<sup>®</sup>*

# THE PROBLEM



**1** in 5 trailers is operating with at least one tire underinflated by 20 psi or more<sup>1</sup>



## OVERINFLATED

tires can experience accelerated tread wear, reducing tire life by

**7 to 15%**<sup>2</sup>



**25%** of trailer duals have mismatched air pressures greater than **5 PSI**<sup>1</sup>



## VARIABLE PAYLOAD

Dry van and reefer trailers drive about

**34%**



of their miles empty

Tanker trailers drive about

**38%**



of their miles empty<sup>3</sup>

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

<sup>2</sup> Michelin® Truck Tire Service Manual

<sup>3</sup> 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 significantly reduce fuel economy and decrease tire life. For a broad range of trailer tire pressure issues, Hendrickson offers 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





The diagram illustrates a vehicle axle assembly. A red protective sleeve covers the axle. A hose, labeled 'Axle Hose', runs along the length of the sleeve. A vent, labeled 'Axle Vent', is attached to the sleeve. A 'Tire Hose' is also shown, connected to the axle assembly. The background shows a road and a cloudy sky.

## Axle Hose

*Eliminates the need for a  
pressurized axle*

## Axle Vent

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

## Tire Hose

*Provides durable air passageway  
to and from tires*



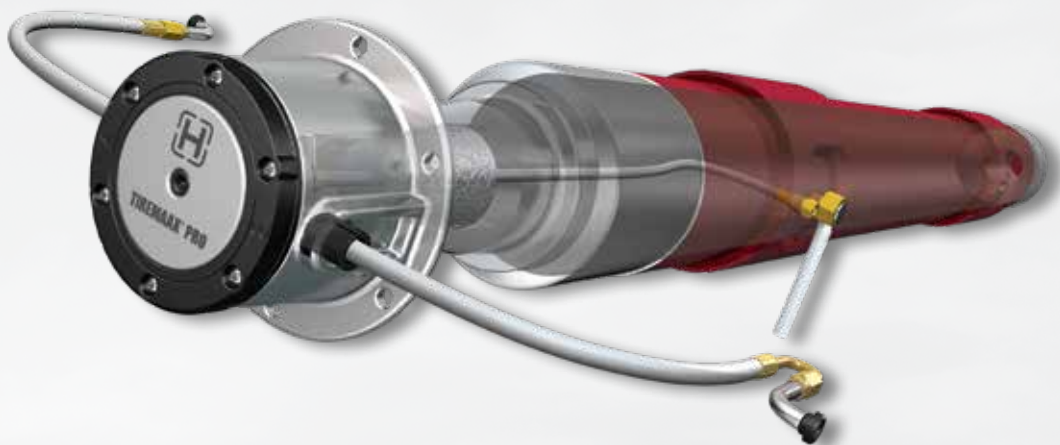
# VALUE-ADDED OPTIONS

## Tire Pressure Monitoring System

Provides tire pressure and wheel-end temperature in real-time

- Designed to interface directly with TIREMAAX® for hassle-free upkeep
- Wireless Bluetooth® sensor with extended battery life
- View TPMS data through the Hendrickson WATCHMAN® mobile application and approved vehicle telematics systems

*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
ULTRA-K®	•	•	•
VANTRAAX®	•	•	•*
INTRAAX®	•	•	•*
INTRAAX SP	•	•	—
TRLAXLE®	•	•	—
CONNEX®	•	•	—
CONNEX ST	•	•	—

- Available
- 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® 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, operation, service and maintenance instructions.

Call Hendrickson or visit our web site for additional information.



www.hendrickson-intl.com



L1313 Rev D 07-25

### TRAILER COMMERCIAL VEHICLE SYSTEMS

2070 Industrial Place SE  
Canton, OH 44707-2641 USA  
866.RIDEAIR (743.3247)  
Fax 800.696.4416

### HENDRICKSON CANADA ULC

2825 Argentina Road, Unit #1 - 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 CP 76246  
+52 442.296.3600  
Fax +52 442.296.3601

© 2021 - 2025 Hendrickson USA, L.L.C. All Rights Reserved. All trademarks shown are owned by Hendrickson USA, L.L.C., or one of its affiliates, in one or more countries.

Information contained in this literature was accurate at the time of publication. Product changes may have been made after the copyright date that are not reflected. Printed in United States of America