

# **H** TIREMAX™ PRO

Automatic Tire Inflation System



- Enhance tire life
- Reduce maintenance
- Conserve fuel
- Trim labor costs



**H** HENDRICKSON  
*The World Rides On Us™*

# TIREMAAX™ PRO

## takes the pressure off you

**TIREMAAX™ PRO** automatic tire inflation system provides a basic, responsive approach to help you extend tire life and increase fuel efficiency. This patented system draws from the trailer air supply to keep your trailer tires properly inflated and rolling smoothly.

One of the most significant maintenance issues facing the industry today is the problem of improper tire inflation. Studies show that improperly inflated tires can greatly reduce fuel economy and decrease tire life. Incorrect tire inflation may also lead to compromised braking, poor handling and reduced stability.

TIREMAAX PRO delivers a reliable, durable approach for maintaining proper inflation levels.

**Tires**  
can lose up to **2 psi**  
of air **a month**  
by diffusion through  
the inner liner  
and casing. —

American Trucking Associations  
Technology and Maintenance  
Council (TMC)

The system monitors pressure in all tires and directs air to one or more tires when they dip below the pre-set level.

TIREMAAX PRO can pay for itself in a year or less with savings from increased fuel mileage, reduced tire maintenance and replacement costs and prevention of tire failure leading to downtime and costly road service.

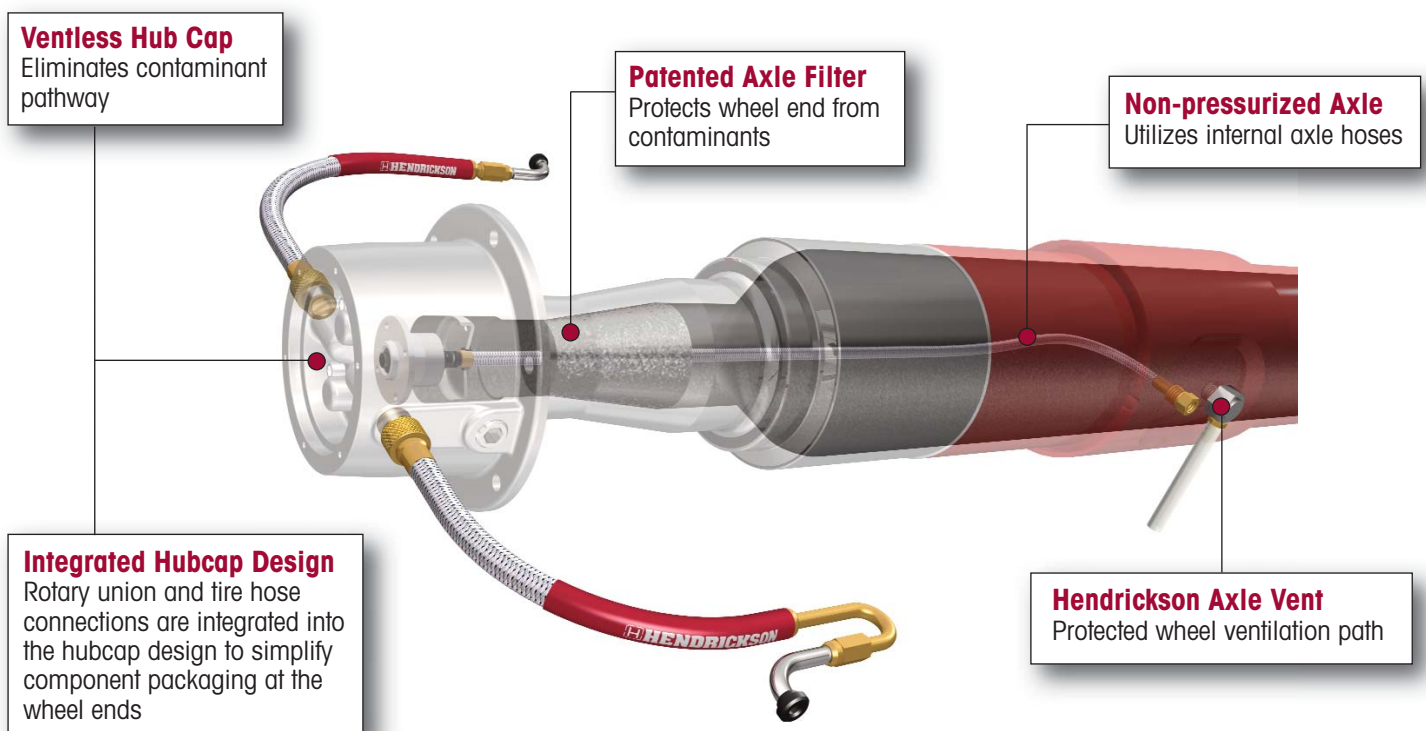
*An automatic  
tire inflation  
system can  
**extend tire life**  
by eight percent  
or more. —*

U.S. Environmental  
Protection Agency



## TIREMAAX PRO features premium, high-performance components

- Internal axle hoses and a patented ventilation system help prevent wheel-end contamination without pressurizing the axle
- Axle and tire hoses are manufactured with braided stainless steel providing outstanding durability
- By incorporating air passages into the hubcap, separate tire hose guards to protect the fittings when changing tires are not needed



# TIREMAAX™ PRO

*The first automatic tire inflation system in the trailer industry to provide constant pressure with active inflation, deflation and equalizing.*

Hendrickson Trailer Suspension Systems introduces TIREMAAX™ PRO — a revolutionary product for automatic inflation and precise maintenance of trailer tires. In addition to automatic inflation, TIREMAAX PRO responds to changes in outside temperature by relieving air from tires when necessary.

## **TIREMAAX PRO constantly monitors and adjusts tire pressure**

- The system automatically inflates tires using the trailer air supply
- TIREMAAX PRO prevents over inflation by relieving air from the tires back through the controller
- The patent-pending controller is specifically designed to recognize normal pressure increases due to operation

## **TIREMAAX PRO equalizes the pressure at every tire**

- By keeping pressures balanced, scrubbing between dual tires can be greatly reduced and tire life improved
- Only TIREMAAX PRO constantly pressurizes and equalizes tires

## **TIREMAAX PRO may be combined with the wheel hub packages available on the INTRAAX® and trailer axles in the Asia Pacific region:**

- Conventional bearings with cast drum and 1yr/200,000 km warranty\*
- PreSet bearings with alloy hub and 3yr/700,000 km warranty\*
- Long life HXL7® alloy hub with 5yr/1,200,000 km warranty\*

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



*An automatic tire inflation system can improve fuel economy by nearly one percent.—*

U.S. Environmental Protection Agency

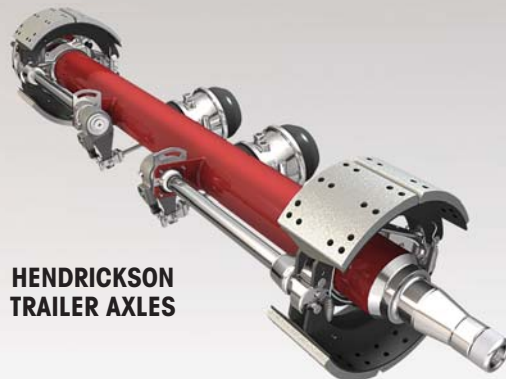


# TIREMAAX™ PRO

Available on all Hendrickson INTRAAX® and Trailer Axles



INTRAAX®



HENDRICKSON  
TRAILER AXLES

## TIREMAAX™ PRO pays for itself and more

According to industry sources, proper tire inflation yields savings in the three greatest expense areas for fleets and owner operators — labor, fuel and tires. Can you afford not to take advantage of the savings that TIREMAAX PRO provides?

### Labor savings

- Save labor costs by not having your drivers conduct manual tire checks, which can take an operator 45 minutes per rig

### Fuel savings

- Fuel consumption decreases by eliminating rolling resistance from under inflated tires

### Extended tire life

- Proper inflation helps maintain a tire's correct footprint for even wear and prevention of premature fatigue of the steel cords
- Tire-related costs represent the single largest maintenance cost item for commercial vehicles

### Increased up time

- Properly inflated tires reduce the likelihood of flats, breakdowns and tire debris
- Approximately half of all road calls are for tires
- Proper tire inflation can potentially save you one road call each year per tractor-trailer combination

The average fleet  
**loses** at least **\$750**  
each year  
per tractor-trailer rig  
due to  
**under inflated tires.** —

American Trucking Associations  
Technology and Maintenance  
Council (TMC)

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

**For more information, visit our web site or call us at +61 3 8792 3600**

[www.hendrickson.com.au](http://www.hendrickson.com.au)

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