

H^TIREMAAX[®]

Automatic Tire Inflation Systems



Enhance tire life
Reduce maintenance
Conserve fuel
Trim labor costs



H^THENDRICKSON[®]
The World Rides On Us[®]



takes the pressure off you

TIREMAAX® automatic tire inflation systems provide a basic, responsive approach to help you extend tire life and increase fuel efficiency. These patented systems draw 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 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 systems monitor pressure in all tires and directs air to one or more tires when they dip below the pre-set level.

TIREMAAX 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 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

Ventless Hub Cap

Eliminates contaminant pathway

Patented Axle Filter

Protects wheel end from contaminants

Non-pressurized Axle

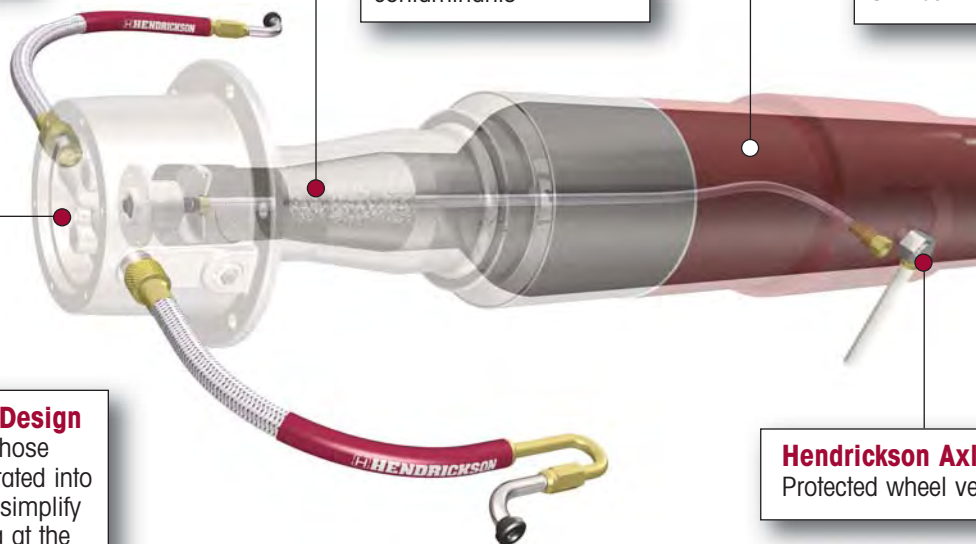
Utilizes internal axle hoses

Integrated Hubcap Design

Rotary union and tire hose connections are integrated into the hubcap design to simplify component packaging at the wheel ends

Hendrickson Axle Vent

Protected wheel ventilation path



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



An automatic tire inflation system can **improve fuel economy** by nearly one percent, **saving** 100 gallons of fuel a year. —

U.S. Environmental Protection Agency

TIREMAAX® CP

A simple solution to your trailer tire pressure dilemmas

TIREMAAX CP delivers all of the benefits of an automatic tire inflation system in a straightforward, basic configuration.

CP features:

- A simple mechanical design — no pressure switches, electronics or transducers
- Factory pre-set to your target inflation pressure setting, ranging from 70 to 120 psi
- Continually checks tire pressure without pressurizing the axle or wheel ends
- A signal light activates only when attention is required
- Requires no special tools to reset target pressure in the field



TIREMAAX PRO and CP may be combined with an extensive array of Hendrickson approved wheel-end configurations on any Hendrickson INTRAAX® and VANTRAAX® suspensions or trailer axle systems.



TIREMAAX®

Available with all Hendrickson trailer suspensions and axle systems



TIREMAAX® 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 provides?

Labor savings

- Save labor costs by not having your drivers conduct manual tire checks, which can take an operator 30 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. —*

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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 1-866-RIDEAIR (743-3247)

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