



Automatic Tire Inflation Systems



OVER **6%+** **INCREASE IN MPG***

UP TO **20%+** **TIRE LIFE***

Works with all truck, trailer, bus & RV brands!

COLVEN
Original Technology

YEARS
45
OF EXPERIENCE

MARKETS
22
AROUND THE WORLD

THOUSAND VIGIA A.T.I.S.
OVER
500
INSTALLED & OPERATING



Automatic Tire Inflation Systems

The VIGIA calibrator is an Automatic Tire Inflation System (A.T.I.S.) that allows for proper calibration of tires to maintain manufacturers' suggested pressures in trucks, buses, trailers, and other commercial vehicles.

INFLATE YOUR SAVINGS AUTOMATICALLY! HOW?

VIGIA maintains tire pressure automatically, even with a puncture!

The pressure of the tires is maintained at a pre-set constant level, while providing instantaneous and continuous information to the driver. If a tire needs inflating, the driver receives an alert through indicators and lights while the system automatically inflates it.

Now, you can focus on increasing your profits while reducing your operating costs and increasing safety in your fleet.

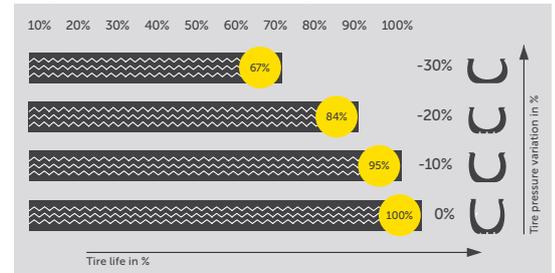
Improve fuel economy

For each PSI below recommended levels, a commercial vehicle consumes 0.8% more fuel. Our latest case studies have shown a **6% increase in MPG** in client units. You can boost your budget and reduce carbon emissions at the same time!

Longer tire life

Improper tire inflation accounts for 80% of tread separations, cuts, bruises, crushes, and blowouts. **A pressure drop of only 5 PSI reduces tire life by a shocking 25%.** Proper inflation significantly affects tire life and allows you to take advantage of all the miles your tire has to roll.

Proper inflation considerably affects tire's life



Single system for double safety

In the event of an extreme air leak in the system, such as a broken hose, a sensor cancels the affected inflation circuit. This ensures normal operation of brakes and suspension, and prevents tire deflation.

Prompt delivery and fewer road calls

VIGIA virtually eliminates the need for expensive road service calls and costly downtime. If a tire has been punctured, VIGIA will continue to inflate that tire and inform the driver of what's happening. The driver is aware of the situation and can continue to the destination or properly plan to stop for service.

Proven around the world

VIGIA is the automatic tire inflation system chosen for its durability, safety, and reliability. Developed by COLVEN, a company with more than 45 years' experience and worldwide sales in 22 countries. VIGIA is ready to handle the most demanding needs in the most challenging environments, time and time again, for durable long-distance performance.





NM 343
External System



The A.T.I.S. that is compatible with all trucks and axles!

For steering and transmission axles.
It has an innovative compact design, an easy-to-use in-cab display and high-precision electronic sensors.

MAIN FEATURES & BENEFITS NM 343

- > **Works on all trucks** (steering and transmission axles), **trailers, buses, RVs and other commercial vehicles.**
- > **Great pumping power** and pressure precision.
- > Multi-connection capability for multiple inflation modules, allowing **up to 9 different axles /pressures.**
- > **AVL/GPS connectivity.**
- > **In cabin control panel with LCD display** and compact design.
- > **Individual or sequential pressure display.**
- > Various installation options (mobile support, DIN, etc.) **for any unit in the market, regardless of manufacturer.**
- > **Fully airtight external module**, able to meet severe conditions, that saves cabin space.

Works with all truck & bus brands!



NM 269
Internal System



Developed especially for trailers.

True peace of mind for today's competitive operator.

MAIN FEATURES & BENEFITS NM 269

- > **Superior Design with internal air lines.**
Air is supplied to the tires through ducts within the axles, so there are no externally-visible lines. The unique and durable VIGIA rotary valves are placed outside the tank cap preventing water and other contaminants from entering the system. Since the pressurized air moves within the VIGIA lines, there is no pressure inside the axle or hub, or oil leaking from the hub cap.
- > **AVL/GPS connectivity.**
- > The **equipment controls tire pressure and warns the driver with an LED signal** located near the axles that reports the severity of the damage while it automatically inflates the tire. It can also connect with the NM 343 system installed in the truck and report the tire pressure through its LCD control panel inside the cabin.
- > **Fits any trailer regardless of manufacturer.**
- > **Fully airtight external module**, able to meet severe conditions, that saves cabin space.

And also fits all trailers!



OVER 6%+ INCREASE IN MPG* **UPTO 20%+ TIRE LIFE***

*Note: according to average data obtained Opladen LLC after testing products on operating units from client fleets; max. MPG increase registered was 16% - 2018-2019.

FACTS & CLIENTS

ESSENDANT

The product trial testing has found an improvement on their performance of 10,56% in fuel consumption alone.

Essendant / Alejandro Argüelles
VP Supply Chain Logistics - 2019

QUIRCH

The system has achieved an average 16% fuel reduction during the testing phase.

Quirch / Jose Giuliani
Operations Director - 2018



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YOUR**

FREE TRIAL

NOW!