

GIGANT



» GIGANTIC ADVANTAGES

The new “GIGANT Steady Pressure” tyre pressure monitoring system constantly optimises the tyre pressure while driving and therefore extends the service life of the tyres.



Constantly optimised pressure



Reduced risk of tyre-related violations



Reduced maintenance costs,
easy to replace



Patented air integration system for
steering axles



Improved safety



No hose in the axle body



Reduced fuel consumption
and emissions

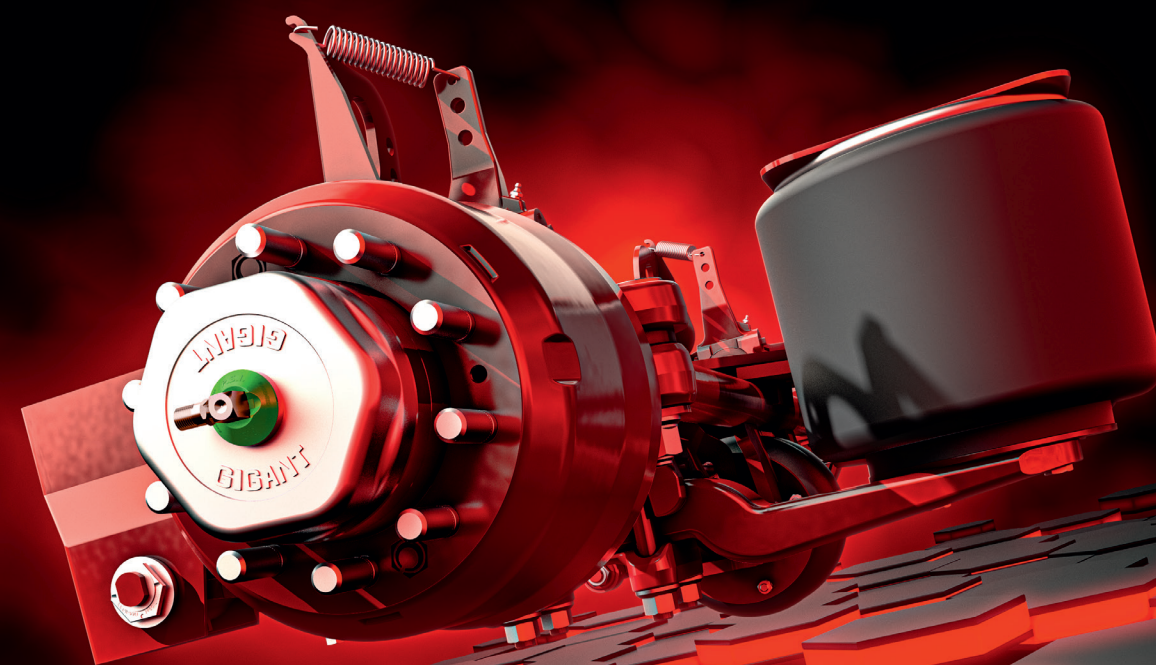


Pre-assembled system –
easy handling during assembly

GIGANT

Member of the  **KRONE** Group

GIGANT GmbH • Märschendorfer Straße 42 • 49413 Dinklage • Germany • www.gigant.com



TYRE PRESSURE MONITORING SYSTEM

» STEADY PRESSURE



GIGANT

STEADY PRESSURE

Automatic tyre filling system

The air connection for the GSP system is located underneath the retainer plate for the air spring valve or, in the case of the self-steering axle, on each steering leg. Here, the air flow is conveyed into the axle body and reaches the rotor via the stator, which pumps the air into the tyre. A rubber seal also secures the plug connection between the rotor and stator. Thanks to the integration of check valves in the rotor and tyre hose, air does not escape if the system should fail.

Overview of the components (depending on the tyres):

- Tyre hose connection line, long
- Tyre hose connection line, 90° short
- Tyre hose connection line, 180° short (twin tyres)
- Hub cap with hub cap adapter
- Control Box with light
- Rotor union L/90
- Rotor union T/90 (twin tyres)
- Stator
- Elbow
- T-piece (steering axles and/or more than 3 axles)



The GSP system is factory-mounted on the axle by GIGANT and is delivered to the customer with the Control Box and the additional accessories.

What is GIGANT Steady Pressure?

The new “GIGANT Steady Pressure” tyre pressure monitoring system constantly optimises the tyre pressure while driving and therefore extends the tyres’ service life.

The regulated pressure compensation minimises the risk of accidents and lowers the risk of failure for your vehicle. Cost-intensive repairs and downtimes are avoided and your logistics processes can be implemented more efficiently.

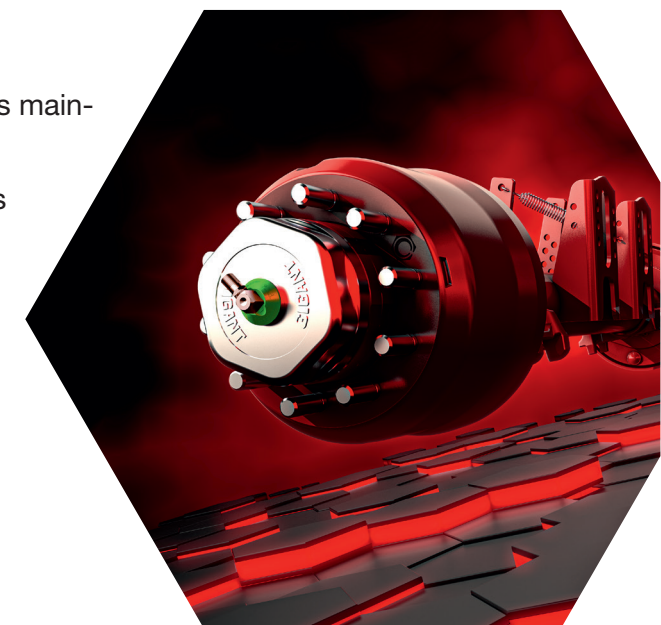
Quick and easy installation

Integration of the GIGANT Steady Pressure system inside of the axle body offers ideal protection against soiling and damage of the cables and accessories.

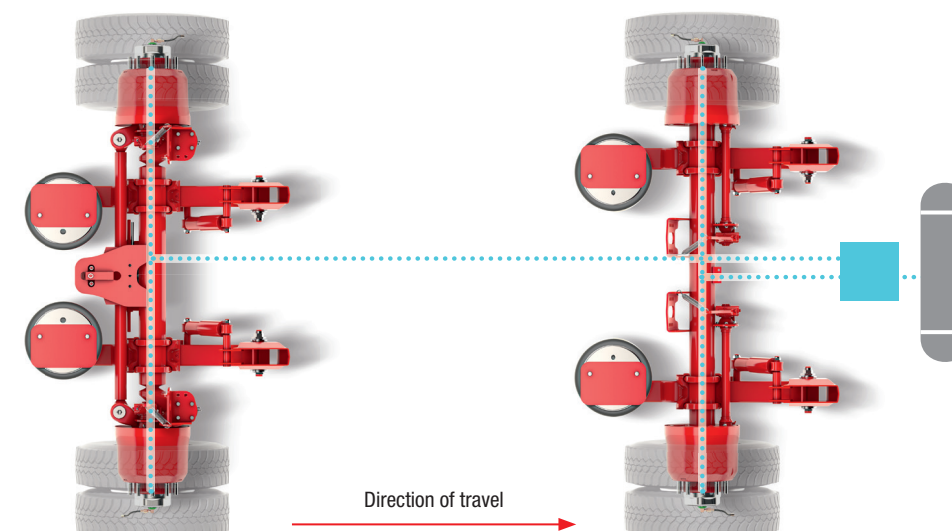
Quick and easy installation by inserting the hose and bolting on the rotor prevents installation errors and therefore reduces maintenance costs.

GIGANT Steady Pressure is directly connected to the trailer’s compressed air supply and ensures automatic tyre pressure monitoring and filling of the tyres.

Constant optimisation of the tyre pressure considerably reduces tyre wear and fuel consumption as well as CO² emissions.



Overview of the GSP function:



In a nutshell:

The illustration shows the air supply versions, resulting from the different design of the rigid and steering axle.

The Control Box is connected directly to the vehicle’s compressed air tank.

