

TERRACARE

Automatic central tyre inflation system for trailers

TERRACARE offers tailored solutions for tractors and attached equipment. The system is conveniently controlled from the cab at the touch of a button. Safety devices ensure that the tyre pressure is always correctly adjusted to the speed. The pressure can be adjusted while driving and at any speed (depending on the tyre load). Optionally, only the trailer or rear tractor wheels can be preferentially inflated by presetting a time delay.



The system is optionally available for single, double or triple axle trailers.

➤ **The system** automatically switches to road mode and raises the pressure when an adjustable speed is exceeded. The speed is determined by a corresponding sensor system.

➤ **The air supply** for trailers should be taken over by an additional compressor. This can either be mounted in the front of the tractor in the form of a front tank (Airpower or FRG) or directly on the equipment.

➤ **Expandable:** The trailer is controlled by the tractor display by default, but it can also be equipped with its own display. The central tyre inflation system can also be controlled via a tractor's ISOBUS-compatible terminal.

➤ **Easy Change:** A separate control box is fitted to each trailer – so the correct pressures are always stored.

Customised quality

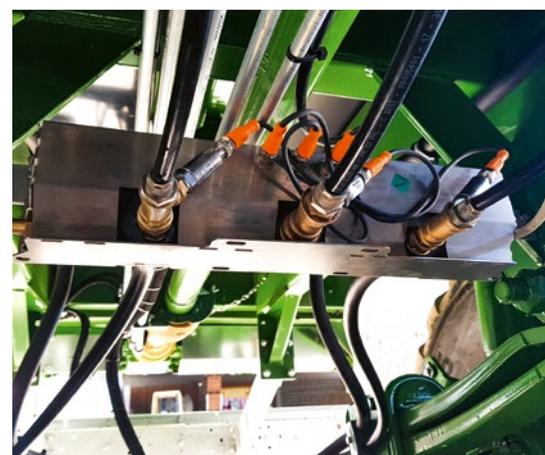
Only components made of stainless steel or aluminium are used. The wear-free rotary unions are suitable for up to 2500 rpm at 10 bar. The connection to the tyres is established with customised stainless-steel tubes.

Everything quickly under control

Ball valves with large continuous cross-sections guarantee fast control times (no filters or diaphragm valves).

We take care of your safety

The central tyre inflation system has a left and a right control circuit for manual or automatic slope compensation. A safety valve is installed in each of these control circuits. An alarm would immediately inform you of a line break. If the sensor fails, you can continue working in emergency mode.





GEOCARE
to automatically switch from road to off-road mode.

TERRACARE Display

Convenient: The display can be dimmed, providing a pleasant working environment even at dusk and during the night. The illuminated keys are always visible. An integrated buzzer sounds alarms when needed.

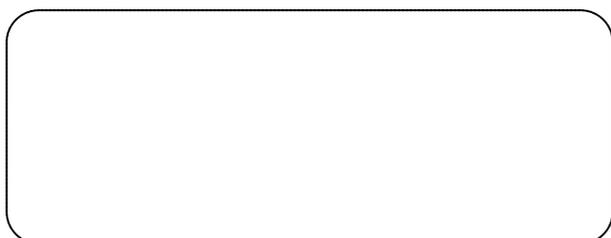
The functions at a glance:

- ▶ Fully automatic control process
- ▶ Filling and draining of individual axles possible
- ▶ Automatic switchover to road mode when the set speed is exceeded
- ▶ Interruption and pressure adjustment possible during regulation
- ▶ 3 driving ranges: Road, off-road 1, off-road 2 (for convenient pressure adjustment)
- ▶ Definition of the upper and lower limits for the set pressures in the password-protected submenu
- ▶ Display of the pressure of the external air supply or the pressure accumulator
- ▶ Adjustable slope compensation from the trailer
- ▶ Service page in the submenu for system scan
- ▶ Error memory for easy detection of problems
- ▶ Short deflation times due to intelligent software, fast filling due to pressure accumulator (optional)
- ▶ Encapsulated electrical components for corrosion protection and durability



Control via ISOBUS terminal

The central tyre inflation system can also be controlled via a tractor's ISOBUS-compatible terminal. Operation and functionality are shown on the TERRACARE display. The functionality also applies to equipment being towed (slurry tankers, forage trailers, etc.). Subsequent conversion to the tractor terminal is also possible.



TERRACARE
Das innovative Reifendruckregelsystem