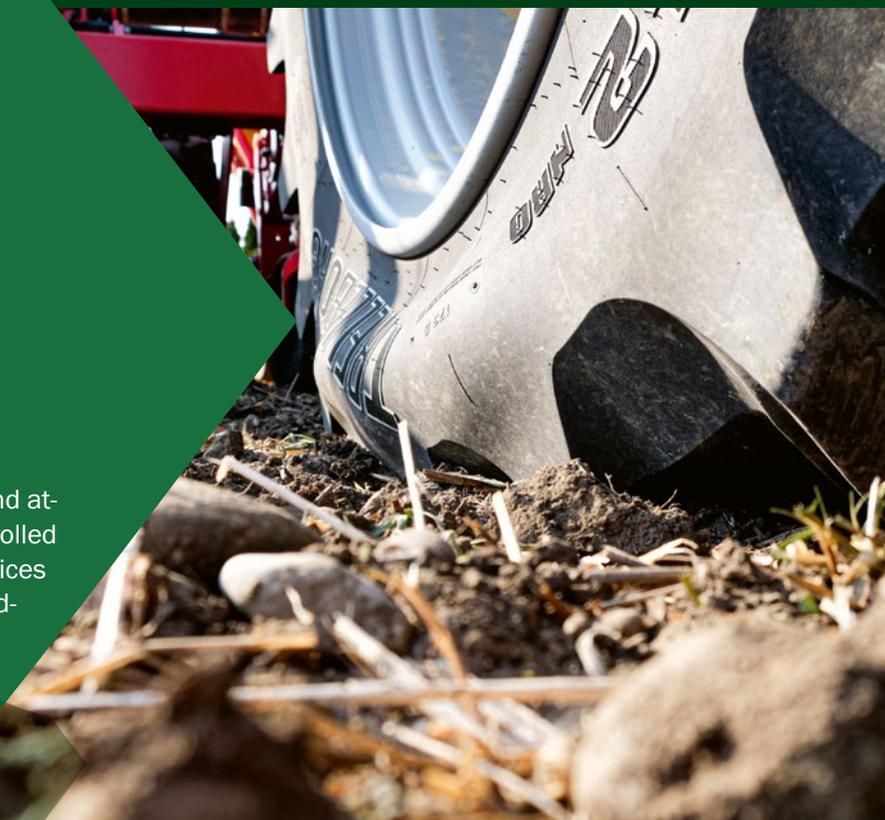


# TERRACARE

## Automatic central tyre inflation system for tractors

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 the rear axle only or for both tractor axles.*



*Expandable: A trailer can be controlled as standard with the same display or via ISOBUS.*



### Customised quality

Only components made of stainless steel or aluminium are used. The wear-free rotary joints are suitable for up to 2500 rpm at 10 bar and thus enable control operations while driving at up to 70 km/h. An extremely flat version (55 mm) is also available as an option. 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). The plug-in connections enable the external pipes to be quickly dismantled if necessary.

*Speedfill: The tractor axles can be filled with external air by an additional compressor.*

### We take care of your safety

A safety valve in each control circuit as well as redundant pressure monitoring in the rear axle ensure safe working and driving. 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.*

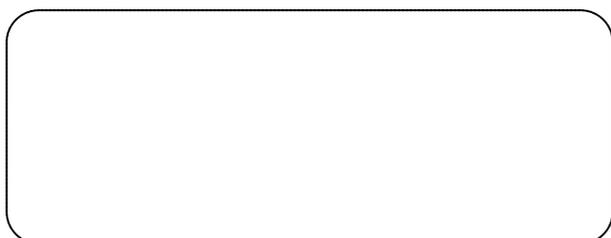
### The functions at a glance:

- ▶ 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