

Continental 
The Future in Motion



Don't get under pressure.

ContiPressureCheck™



A tyre has to fulfill four main functions.

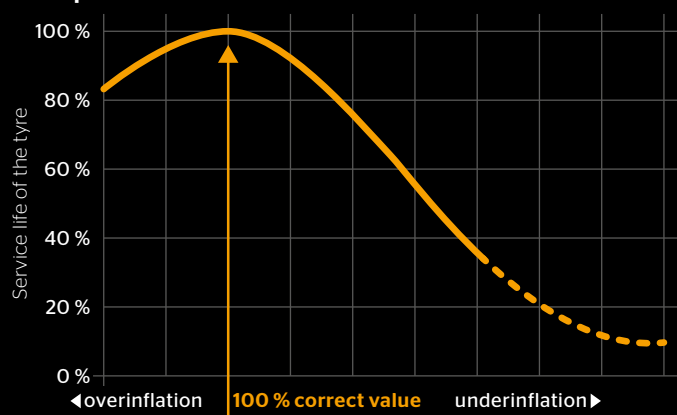
- › To contain a volume of pressured air to carry the vehicle load
- › To transmit traction & braking forces to the ground
- › To provide directional stability while changing or maintaining direction of travel
- › To support the vehicle suspension and absorb shocks from uneven ground surfaces

To fulfill these functions at an optimum level it is essential for any tyre to be correctly inflated at all times. An incorrect air pressure does not only reduce the tyre performance, but also the efficiency of your vehicle and therefore increases your costs.



Lower pressure causes lower lifetime.

Example:



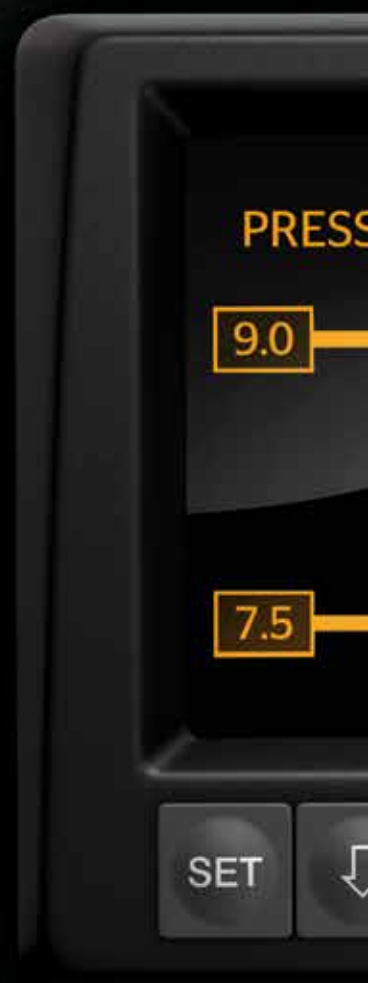
- › In the example you see the effects on a tyre when operating at under inflation.
- › Based on a 18.00-33 dimension a reduction of service life of 8 % would be the result when running the tyre at 10 % below recommended tyre pressure.
- › Costs of under inflation = Tyre Price x 8 %
- › This indicates that only 92 % of the design life is used.
- › Consequently, you will have much higher expenses for tyres, not including the fitment and service costs.

Don't get under pressure. ContiPressureCheck™.

This is where the new ContiPressureCheck™ system can provide an effective solution. A constant check on all the tyres - also while driving.

When transporting goods and heavy loads, the tyres of the vehicles are permanently under pressure, day in and day out. Driving on underinflated tyres in these conditions can soon cause tyre damage, which will lead to an increased fuel consumption, as well as endangering the driver, the vehicle and the goods being transported. For this reason, the tyre inflation pressure should be checked constantly.

These maintenance checks however, can only be performed at regular intervals, since they are highly time-consuming and costly. This means that very often underinflated tyres go unnoticed for long periods of time.





SURE (BAR)

9.0

7.5

OK

A/B

ContiPressureCheck™

Your Benefits.

Data Accuracy



ContiPressureCheck™ uses sensors inside the tyre which provides drivers with real-time information and guarantees greater data accuracy than comparable systems. Measurement errors and influences of outside conditions are avoided.

Improved productivity



ContiPressureCheck™ reduces the risks of standstill and the probability of breakdowns. This will simplify your vehicle handling and optimizes your fleet management.

Cost Efficiency



ContiPressureCheck™ will save fuel costs, enhances the tyre lifetime and therefore reduces replacement costs.

Versatility



ContiPressureCheck™ covers almost all combinations of fitment and can be mounted on different types of vehicles to a maximum of 24 tyres - regardless of the vehicle size.

Safety



By having an automated tyre pressure monitoring system persons to measure on site manually are no longer required. Furthermore the risks of accidents happening are minimized due to the reduction of breakdowns.

Reliability



ContiPressureCheck™ system helps avoid tyre related breakdowns which reduces downtime, increases vehicle availability and therefore increases productivity.

Eco-friendly

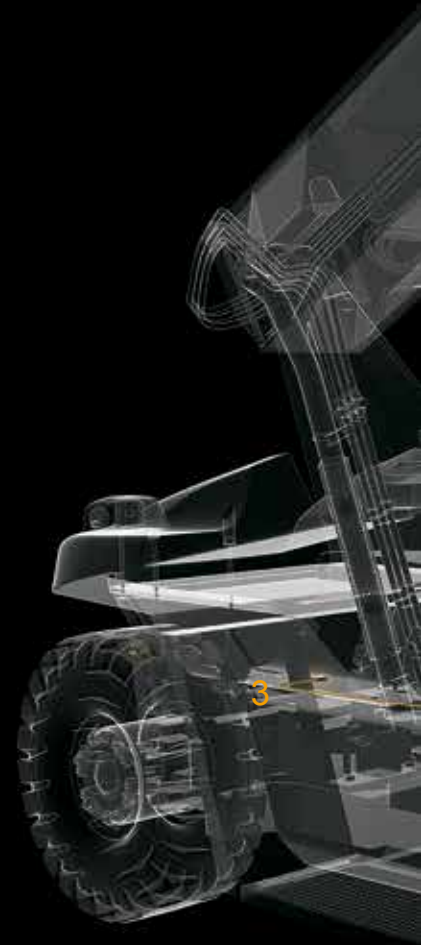


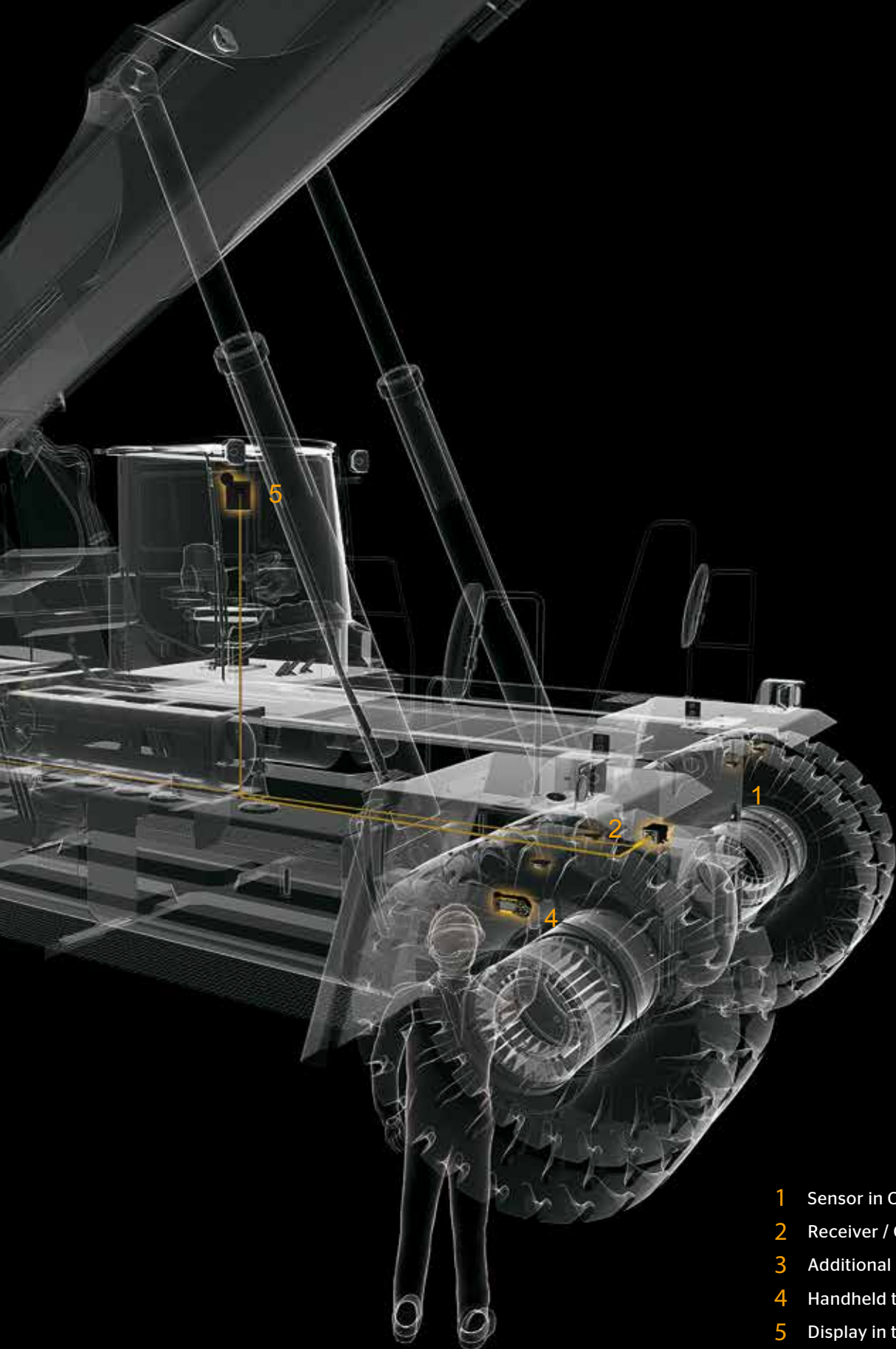
Running the correct inflation pressure lowers fuel consumption, reduces tyre wear and CO₂ emissions and as such protects the environment.

Transparency



Continuously monitor inflation pressure and temperature prevents from inflation pressure decrease.





- 1 Sensor in Container
- 2 Receiver / Central Control Unit
- 3 Additional Receiver
- 4 Handheld tool
- 5 Display in the driver's cockpit

Components.

Accurate, Reliable & Versatile.

Components



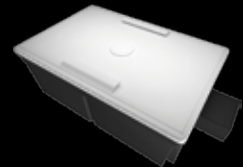
1 Sensor in Container

- › Integrated tyre sensor with radio frequency transmitter - individual coding per running wheel



2 Receiver / Central Control Unit (CCU)

- › Receives and evaluates signals from tyre sensors
- › Generates warnings and provides them for display - Up to 24 tyres fitted on up to 6 axles



3 Additional Receiver

- › Integrated antenna and receiver to be used if:
 - › vehicle has an axle spread of more than 6m
 - › vehicle has more than 3 axles
 - › a trailer is docked



4 Handheld tool

- › Initial configuration of entire system
- › Wireless communication with tyre sensors
- › Synchronises tyre sensors to each wheel position









› Wired communication with CCU

5 Display in the driver's cockpit

- › Display shows the status of the tyre and indicates 7 different types of warnings and the related tyre position in the driver's cabin

Two Options. Make your choice.

	ContiPressureCheck Light	ContiPressureCheck
Benefit	Easy and automatic pressure check system without interfering with tyre and valve components.	Automatic tyre pressure monitoring system sending real-time data to the vehicle.
Tyre Sensor		
Hand-Held Tool		
Data processing		
Visualization on vehicle		

ContiPressureCheck is highly compatible and versatile.

- › Possible to retrofit on many vehicle types
- › Wireless radio technology permits use in virtually all vehicle sizes and trailers
- › Works with pneumatic tyres from all tyre manufacturers from 1.8 bar to 11.9 bar tyre inflation pressure

Required Kits per Vehicle.

Harbor Applications



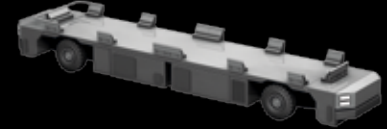
Tractor

$$1.2 + 4.2.6 + 6.2$$



Trailer*

$$3.2 + 4.2.4 + 4.2.4$$



AGV

$$2.2 + 4.2.4 + 7.2$$



Reach Stacker

$$5.2 + 4.2.6 + 6.2$$



Heavy Forklift, Empty Container Handler

$$2.2 + 4.2.6 + 6.2$$



Straddle Carrier*

$$5.2 + 4.2.4 + 4.2.4 + 6.2$$

Mining Applications



Loader

$$2.2 + 4.2.6 + 6.2$$



Dumper

$$5.2 + 4.2.6 + 6.2$$

Airport Applications






Pushback

$$2.2 + 4.2.4 + 6.2$$

*Please get in contact with our sales team for detailed information about these and further industrial vehicles.

Pricelist

	Description	Article No.	Price
Basic Kits	Kit 1.2: without additional receiver	17 34 115	170,00 €
	Kit 2.2: with additional receiver	17 34 116	230,00 €
	Kit 3.2: Trailer	17 34 117	250,00 €
	Kit 5.2: Coach	17 34 120	230,00 €
Sensor Kits	Kit 4.2.2: 2 tyre sensors	17 34 124	96,00 €
	Kit 4.2.4: 4 tyre sensors	17 34 118	180,00 €
	Kit 4.2.6: 6 tyre sensors	17 34 119	270,00 €
Advanced Kits	Kit 6.2: TyreView (Display)	17 34 121	80,00 €
	Kit 7.2: TyreConnect (Telematics cable)	17 34 122	130,00 €
	Kit 8.2: TisWeb® Starter Kit Tyre	17 34 125	159,00 €
Tyre Sensor mounting & spare parts	Cleaning Scraper	17 34 130	25,00 €
	Mounting tool (tyre sensor)	17 34 019	25,00 €
	Insert - Mounting Tool	17 34 022	5,00 €
	Set Tyre Sensor Container 12	17 34 072	10,90 €
	Set Tyre Sensor Container 24	17 34 073	19,20 €
	Spatula	17 34 021	4,50 €
	Glue CB2250 1,6g	17 34 113	6,00 €
	Glue CB2250 4,8g	17 34 112	12,00 €
	Glue CB2250 9,6g	17 34 020	24,00 €
	Set Sticker and Valve cap 2	17 34 123	2,00 €
	Set Sticker and Valve cap 4	17 34 114	4,00 €
	Set Sticker and Valve cap 6	17 34 088	6,00 €
System configuration & spare parts	Set Handheld tool incl. accessory	17 34 052	520,00 €
	Handheld tool	17 34 128	440,00 €
	Diagnosis cable (handheld tool)	17 34 024	161,00 €
	Repl. Fuse Diag cable	17 34 059	12,00 €
	Charger (handheld tool)	17 34 053	78,00 €
	USB cable (handheld tool)	17 34 054	6,00 €
Spare parts - System	Set Central control unit Truck/Bus	17 34 060	150,00 €
	Bracket (central control unit)	17 34 003	79,80 €
	Set Central control unit Trailer	17 34 061	160,00 €
	Additional receiver + Impact protection	17 34 056	87,00 €
	Impact protection (add. receiver)	17 34 055	3,10 €
	Bracket (additional receiver)	17 34 002	18,70 €
	Sub-harness A	17 34 008	37,70 €
	Sub-harness B	17 34 007	33,00 €
	Sub-harness C	17 34 006	67,00 €
	Sub-harness D	17 34 009	76,90 €
	Sub-harness D - large (13 metres)	17 34 067	84,90 €
	Sub-harness E	17 34 087	79,00 €
	Harness F+G	17 34 016	124,00 €
	Sub-harness H	17 34 017	97,50 €
	Sub-harness K	17 34 070	50,00 €
	Sub-harness L	17 34 069	99,00 €
	Display	17 34 011	99,00 €
	Display holder	17 34 012	19,30 €
	Display holder dashboard	17 34 071	5,90 €
	Pressure Check Indicator	17 34 013	53,10 €
	Fuse Kit F	17 34 036	10,60 €
	Connector Kit A+B+C	17 34 018	10,75 €

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