

Continental 
The Future in Motion



Building success.
Truck Tires **Construction**

Meeting every challenge.

Working on a construction site means every single trip is a challenge. Driving off-road on rugged terrain where the ground conditions vary from one metre to the next, often in wet conditions, both the driver and truck must be up to the job.

Whatever the challenge site deliveries have to be made. Just-in-time delivery schedules are the norm on all modern construction sites, so there is little tolerance for late delivery. Even minor delays can be expensive. And for tires this is especially demanding as they must have the traction and load flexibility to cope with every situation, no matter how challenging.

Excelling just on a construction site is not enough, on-road performance is also key. Precise handling and excellent mileage characteristics must not be sacrificed for off-road performance. Continental construction tires deliver both on and off-road. With ContiLifeCycle, Continental Truck Tires ensure every operator keeps costs to a minimum and experiences the lowest overall driving costs – both on and off road.

Tires designed for the Construction segment are optimized to meet the needs of all our operators; whether they work exclusively off-road or mix on and off-road operations.

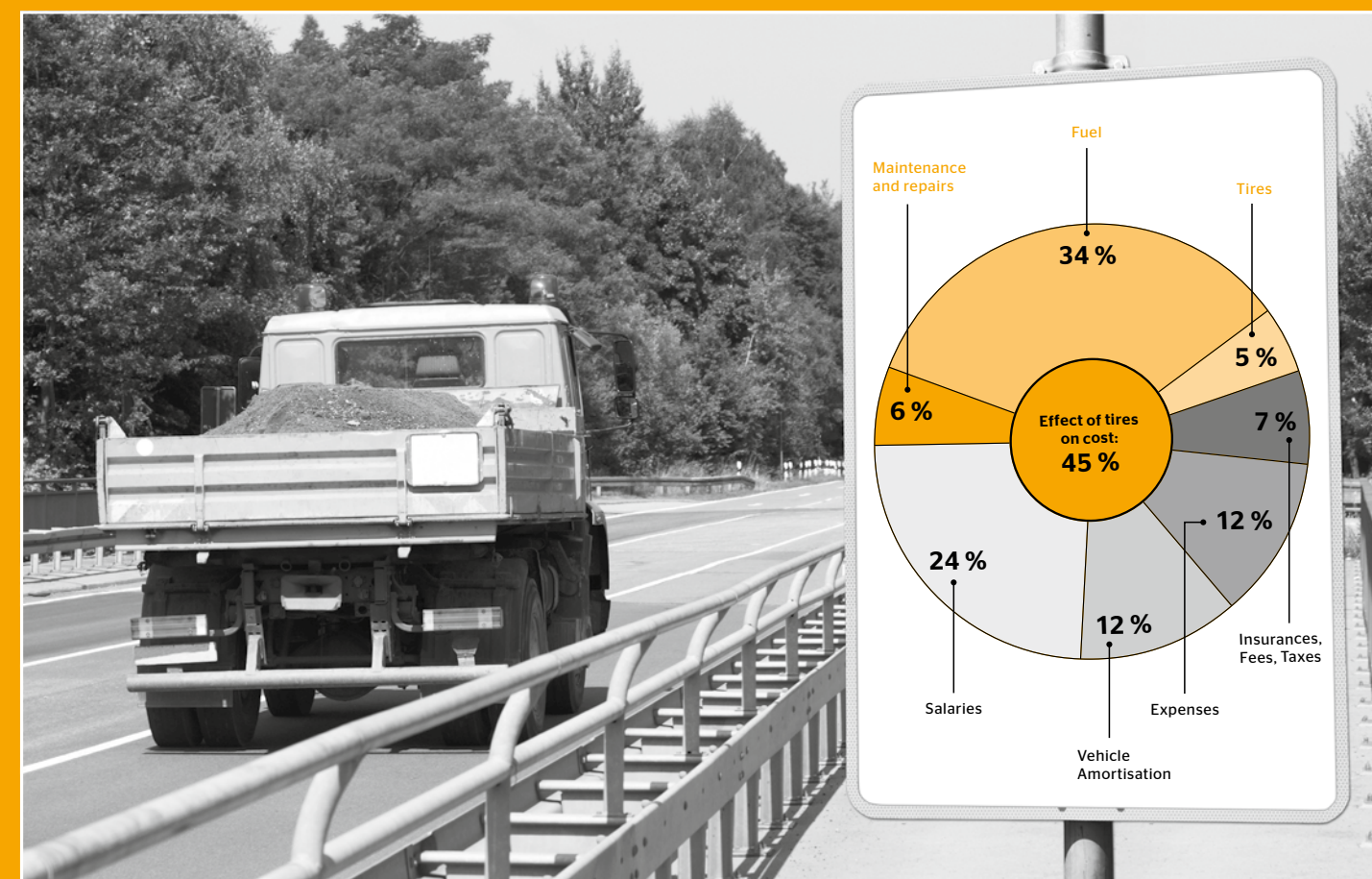


Your Lowest Overall Driving Costs

Our global approach.

It always pays to see the bigger picture. We know that the transport industry is highly competitive and that our customers are under intense economic pressure. That's why we always take your entire fleet costs into account.

The total cost of operation, is what we call LODC: your **Lowest Overall Driving Costs**.



Source: Spanish Ministry of Transport; "Transport Cost Observation", October 2010; Values based on a 40 t truck

Did you know that tires can influence up to 45 % of the operating costs of a vehicle? The main factors for an exemplary 40 t truck are:

- › purchase price for the tires (3-5 %)
- › fuel consumption (34 %)
- › maintenance and repairs (6 %)

While durability and traction are in focus when developing our tires, we also place great emphasis on improving rolling resistance, mileage and retreadability to continuously optimise your operating costs.

Our innovative systems also help reduce the operating costs incurred. For example ContiPressureCheck lets you monitor the tire pressure while driving, allowing you to optimize the rolling resistance. This reduces the fuel consumption rate, increases the casings' life span and helps to prevent tire-related downtimes.

Furthermore, the ContiLifeCycle, including regrooving and retreading, helps extend your tire service life.

And this is not all. We have developed a comprehensive service package for you:

Continental offers a variety of service programs to assist you in achieving cost transparency, providing advice when selecting your tires, and supporting you in their maintenance.

By always seeing the bigger picture, we help you achieve your Lowest Overall Driving Costs.

ContiLifeCycle™

Our tires live longer.

Continental Truck Tires are designed for ultimate economy throughout the new tire's service life and far beyond, especially when it comes to the casing. A second or even third life helps to optimize the economic efficiency and reduce the costs by 30 to 40 percent when using premium retreads on well-maintained tires. Together with regrooving by a skilled professional, the total mileage of a Continental tire can be extended up to two and a half times.

ContiLifeCycle - the modular tire life cycle concept of Continental Truck Tires - begins with the new tire and continues with our premium retreading solutions and ContiCasingManagement. The ContiLifeCycle prolongs the life of your tires, significantly lowering your tire costs.

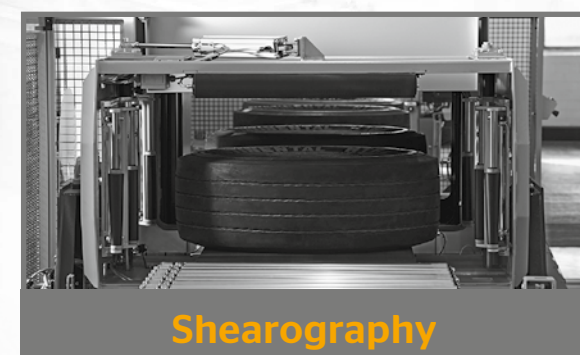
When you purchase a retreaded tire, you not only lower your tire budget, but actively reduce your carbon footprint. Reusing the casing saves energy and raw materials. Optimal use of the casing reduces the number of old tires in circulation and protects the environment.

Each step of the ContiLifeCycle extends the life of the tires. An advantage for the environment and for your tire budget.

Thanks to its sustainable technologies, the ContiLifeCycle plant has been awarded with:



Continental has been producing its own retreaded tires in the ContiLifeCycle plant in Hanover, Germany since 2013.



Shearography



Tire building ContiRe™



Tire building ContiTread™



New Continental tires

They are long-lasting, fuel-saving, retreadable and a key cornerstone for the Lowest Overall Driving Costs.



Regrooving

Provides tires with up to 25 percent extra mileage and saves fuel through lower rolling resistance.



Retreading

The cost-effective, eco-friendly and premium quality solution to prolong the life of your Continental tires.



Casing management


ContiCasingManagement turns intact Continental casings into cash, managed comfortably through the online ContiCasingBank.




Hot or cold retreading - the customer can choose


In the ContiLifeCycle plant, Continental focuses on ContiRe - hot retreaded tires. For cold retreading, Continental offers retreaders the comprehensive ContiTread product portfolio.

Application overview


**Regional**


- › Operating mostly on even roads
- › Winding and hilly roads
- › Variable road conditions, including winter




**On/Off**

- › Typical site demands
- › Difficult terrain under heavy loads
- › Operating both on- and off-road



**Off**

- › The most arduous off-road use
- › Critical terrain
- › Maximum mechanical load



Conti Hybrid

HSC / HDC / HTC


HSO / HCS / HDO

More Continental Truck, Bus and Coach Tires are at your disposal in the main segments Goods and People.

Goods
Tires for economical long-distance and regional transport.



People
Tires for safe and reliable passenger transport.



Conti Hybrid (22.5")



The Conti Hybrid tire line actively helps to meet today’s unprecedented demand for greater efficiency. The latest-generation 22.5" Conti Hybrid is ideally suited to the intensive challenges of the heavy-duty segment. High mileage performance coupled with minimum fuel consumption ensures particularly high economic efficiency, mile after mile after mile.

Conti Hybrid HS3 (22.5")
Steer axle

- › Outstanding mileage performance thanks to Plus Volume Pattern and new contour
- › Optimized fuel efficiency due to rolling resistance optimized sidewall compound
- › Enhanced water displacement and improved wet performance over lifetime thanks to new siping technology
- › With Continental Visual Alignment Indicator (VAI™)

Conti Hybrid HD3 (22.5")
Drive axle

- › Outstanding mileage performance by combination of Plus Volume Pattern, new Hybrid Drive compound and an overall new pattern technology for the block design
- › Optimized fuel efficiency gained by the two-layer tread construction, the Plus Volume Pattern and the new rolling resistance optimized sidewall compound
- › Improved traction and grip behavior thanks to the new tread pattern
- › Reduced noise because of the new tread pattern structure

Conti Hybrid HT3 (22.5")
Trailer axle

- › Outstanding mileage performance gained by the new Hybrid Trailer compound
- › Excellent fuel efficiency gained by the new Hybrid Trailer compound and the new rolling resistance optimized sidewall compound
- › Wet performance over lifetime through the new Hybrid Trailer compound



On/Off tires



High traction and durability off the road and good mileage performance on it. This balancing act is mastered perfectly by our On/Off tires for site delivery traffic. Because we know reliability is the crucial factor for your business.

HSC 1

Steer axle

- › Optimum resistance to damage, plus high mileage thanks to new on-/off-road compound and new contour
- › Fine-tuning to suit predominantly on- or off-road use brought about by tread pattern with either four (80 Series) or three (standard cross-section) grooves
- › Best retreadability and structural durability, thanks to reinforced belt design and durable casing
- › Very good handling characteristics on all surfaces
- › M + S marking

HDC 1

Drive axle

- › Optimal resistance to damage plus high mileage, thanks to new on-/off-road compound and new contour
- › High structural load level and very good retreadability, thanks to reinforced belt design, durable casing and optimized tire contour
- › Outstanding traction through application-optimized pattern design and high overall stiffness
- › M + S marking

HTC 1

Trailer axle

- › High mileage and very good grip in all conditions, thanks to precise balance of tire geometry and new on-/off-road tread compound
- › Retreadability of the extremely durable casing, even when subjected to higher load
- › Preservation of the casing value through groove geometry designed to reduce stones from getting trapped
- › M + S marking

Off tires



Across the world, Continental Truck Tires move loads of ore, rocks and other materials weighing many tons, showing their mettle – coping with harsh terrain and demonstrating cost efficiency.

HSO / HCS / HDO

Steer / Drive axles

- › High operational safety, long-lasting service and outstanding resistance to damage through compounds with extreme resistance to cuts and tears
- › Enormous traction, even on harshest terrain, thanks to tread pattern structure and geometry
- › Most durable casing design for maximum service life in demanding off-road use, also involving heavy-duty vehicles
- › M + S marking



Conti360° Fleet Services

Continental offers more than tires. Our service ranges from correct tire selection and assembly, to continual monitoring, additional tire services, accompanied by regular fleet inspections and 24/7 breakdown assistance, plus complete casing management, all summarized in a comprehensive reporting service to help you to attain your Lowest Overall Driving Costs.

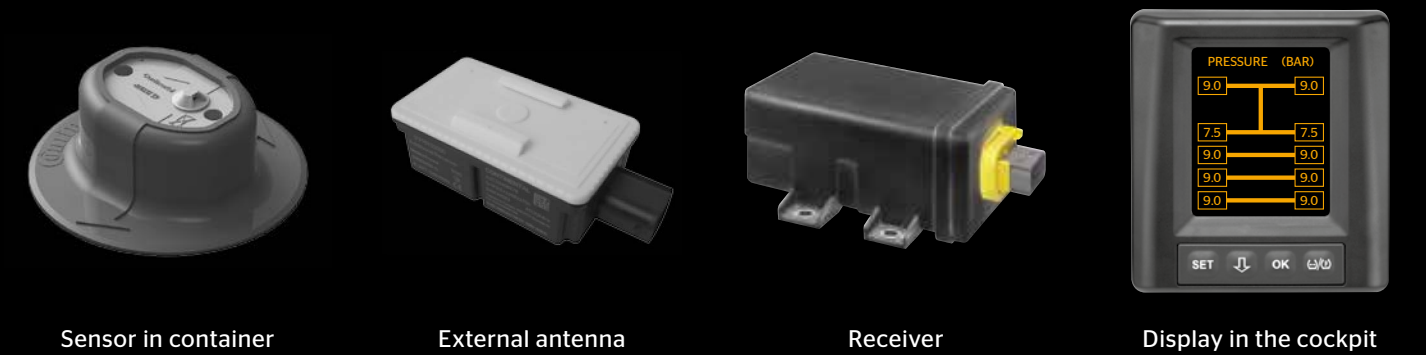
With 2,500 accredited Conti360° partners, our ContiBreakdownService is there for you in 37 countries and offers the complete Fleet Services package in 14 of them, both in urban areas as well as along all important transport routes. Thanks to the continuous training of our partners and our professional 24/7 call center, we offer you expert support. The price structures for our ContiBreakdownService are uniform throughout Europe and ensure stability and planning security for you.

And because we know that cost-efficiency and reliability are key, the Conti360° Fleet Services also covers all aspects of professional tire management. This ranges from new tire recommendation, right up to the disposal of the worn tires. In addition, the ContiFleetReporting gives you a comprehensive and frequent overview, with full transparency regarding all costs and services. The reporting is provided online so that you have access to all data at all times. Put us to the test: Conti360° Fleet Services is there for you 24 hours a day, 7 days a week, 365 days a year.



ContiPressureCheck™

ContiPressureCheck is a direct measurement system mounted inside the tire to help extend the life of your tires. Properly inflated tires show a better wear picture, retain their casing quality and save on fuel consumption. When inflation pressure drops, the tire is subjected to greater rolling strain and as a result may heat up. This can damage the tire, or even lead to a blowout. ContiPressureCheck can prevent this, and thereby helps protect your investment.



One system - many advantages:

- Simple**
ContiPressureCheck is quick and easy to install. Mounting inside the tire guarantees greater data accuracy than comparable systems. And it is compatible with all tire makes.
- Safe**
Every tire breakdown avoided increases the safety of road traffic as tire damage or a breakdown always involves the risk of accidents happening.
- Economical**
Driving with the correct air pressure can lead to significant fuel savings and increased tire mileage. Making your fleet more economical.
- Eco-friendly**
Running the correct inflation pressure lowers fuel consumption, reduces tire wear and, as such, protects the environment.
- Reliable**
The ContiPressureCheck system helps avoid tire related breakdowns which can lead to costly downtimes, late fines, possible damage to public image and loss of sales or profits.
- Automatic Trailer Learning (ATL)**
Automatic Trailer Learning makes it simple to exchange trailers without the need of additional system configuration.
- Telematics integration**
The ContiPressureCheck system can be easily integrated into your telematic systems. This gives you the ability to view live inflation pressure and temperature data, as well as to receive real-time alerts.



ContiPressureCheck uses a sensor inside the tire to continuously monitor the air pressure and tire temperature.

Customer service

With Continental, no matter what or who you need to transport, you can always rest assured that you have a reliable partner at your side anywhere in the world. For us, no challenge is too big and no location is too distant – you can always put your faith in our professional team.

We are here for you, wherever you need us

Over 100 dedicated tire experts in more than 20 European markets offer tire expertise and industry knowledge to solve your operational challenge.

Fast, friendly and reliable warranty services

We believe in our tires. Therefore, we take every complaint very seriously and as an opportunity to improve ourselves. And you will receive compensation, if the product has not performed as it should.

Portfolio of our customer service

- › Individual, technical assistance
- › On-site fleet checks including vehicle alignment services
- › Product performance monitoring
- › Advanced warranty services
- › Tailored training programs



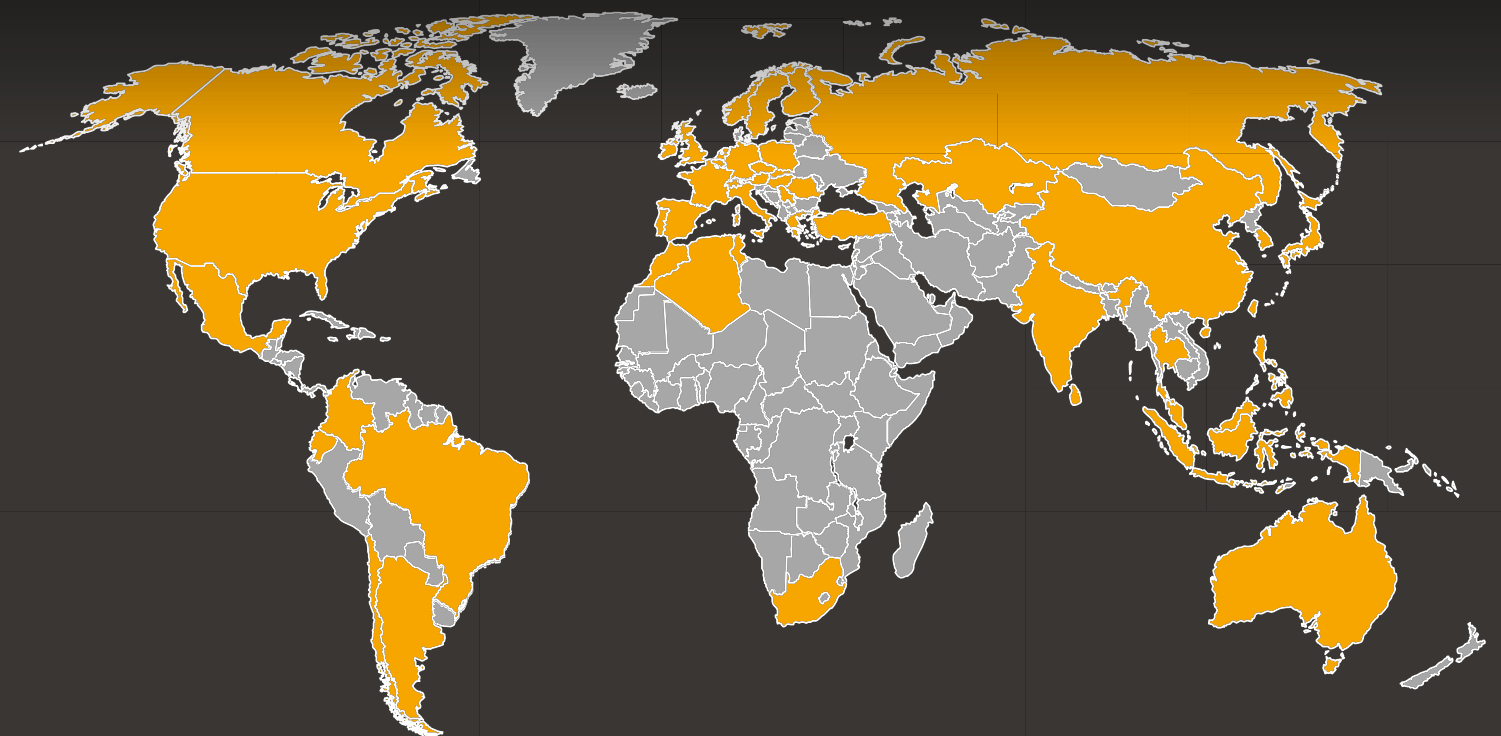
Continental – more than tires.

Worldwide, Continental is one of the leading automotive suppliers. As a supplier of brake systems, systems and components for drive trains and chassis, instrumentation, infotainment solutions, vehicle electronics, tires and technical elastomer products, the group corporation makes a contribution to greater driving safety and to global climate protection. In addition, Continental is a proven partner in the area of networked automobile communication. Continental employs approximately 190,000 people in 49 countries. Of these, more than 44,000 are working in the tire division, which has more than 24 production and development locations worldwide.

Continental tires stand for outstanding power transmission, maximum directional stability under all weather conditions and a high degree of cost efficiency. The broad product portfolio and continual investment in research & development significantly contribute to economic and ecologically efficient mobility. For passenger cars, trucks, buses and construction vehicles, right up to industrial vehicles and two-wheelers, the

company offers the exact tires for every purpose. The commercial vehicle tires business unit is one of the largest manufacturers of truck and bus tires worldwide and also offers a complete product portfolio in the field of special use tires. Supplementing the Continental new tires, there also is a product line in the program that offers a hot and cold retread tire line for truck tires under the ContiRe and ContiTread brands.

Continental – a reliable partner to automakers, consumers and the transport industry for 140 years.



Tire markings



M+S Mud and Snow
The manufacturer has designed the tire for an improved grip/traction performance in mud and snow conditions.



Tread Wear Indicator (TWI)
Horizontal bridges, positioned in the longitudinal tire profiles, are evenly distributed along the tire and, with the minimal statutory tread depth, close flushly with the tire profile.

In accordance with statutory provisions, all Continental Tires are provided with TWI.



