

**Continental**   
The Future in Motion



**Driving safety.**  
Bus and Coach Tires **People**

## A rolling success on every route.

Bus and coach services have established themselves as a reliable, flexible and cost-effective means of transport on Europe's roads. Increasingly more commuters opt for the bus as an alternative to the car when faced with congested inner city traffic on a daily basis.

As the trans-European traffic network continues to be developed and expanded, cross-border passenger transport numbers have increased too. As such, demands on the tires can be as varied as the different routes travelled. With the new 3rd gener-

ation tire range designed specifically for buses and coaches, Continental is the only manufacturer to offer a dedicated tire for each of the varied operations within the bus and coach passenger transport industry.

Tires designed for the People segment are optimized to satisfy the needs of our customers in the passenger transport industry.

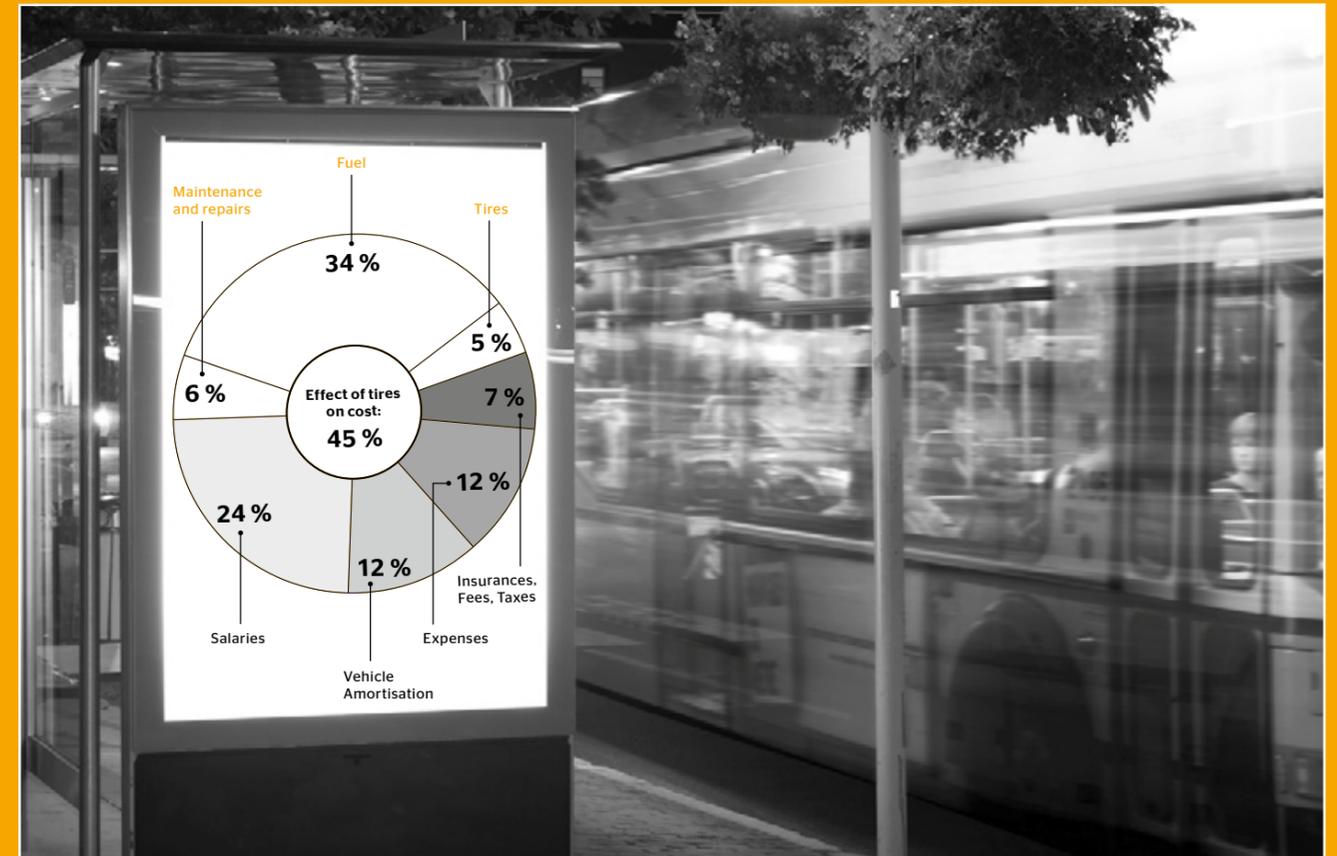


## Your Lowest Overall Driving Costs

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%)

Safety and comfort of your passengers are our highest priority 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.

# GENERATION 3. DRIVEN BY YOUR NEEDS.

Continental Bus and Coach Tires stand for safety, reliability and high efficiency. In Generation 3, we combine our technological competence and our market-specific knowledge with an added essential ingredient: your feedback.

Driven by your needs, we have developed tires tailored to your individual requirements. This will help you achieve your Lowest Overall Driving Costs and reach the objectives in your specific application.



Select your product depending on the application:

 <b>Coach</b>	 <b>Intercity</b>	 <b>Urban</b>
<ul style="list-style-type: none"> <li>› Long-distance traffic</li> <li>› Mainly on motorways and long-distance roads</li> <li>› Roads which generally permit consistently high speeds</li> </ul>	<ul style="list-style-type: none"> <li>› Mixed regional and charter traffic</li> <li>› Winding and hilly roads</li> <li>› Variable traffic, road and weather conditions</li> </ul>	<ul style="list-style-type: none"> <li>› Use mostly in inner cities</li> <li>› Which constantly have to handle frequent braking, acceleration and steering manoeuvres</li> </ul>
		
		

Driven by your needs: the new product portfolio features safe and reliable tires, particularly for buses and coaches.

Continental Truck Tires are at your disposal in the main segments Goods and Construction.

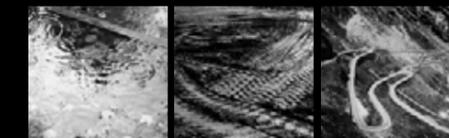
### Goods

Tires for economical long-distance and regional transport.



### Construction

Tires for reliable heavy-duty transport on and off the road.



## Conti Coach



For long-distance coach journeys, reliability and efficiency are essential. The Conti Coach delivers maximum safety and reduced rolling resistance - even under demanding conditions. A tire so safe, its wet performance has been labeled with the best EU grade "A", delivering safety to society.

### Conti Coach HA3 All axles

- › Wet braking over tread lifetime with full-depth 3D siping technology
- › Improved wet performance through optimized compound
- › Optimized fuel consumption thanks to improved tread void ratio and Fuel Saving Edge
- › Higher mileage due to optimized pressure distribution and improved tread void ratio
- › M+S marking



"To make sure that our customers reach their destination safely and on schedule, the safety and quality of our bus fleet are of the utmost importance to us. This also includes premium tires. The new Conti Coach tires fulfill our demanding requirements: outstanding driving comfort, perfect handling and quiet running - all characteristics really appreciated by our customers."

**Ingo Kehl**  
General manager of Sieckendiek GmbH & Co. KG, a coach company and MAN authorized repair shop, headquartered in Versmold-Peckeloh, Germany



## Conti CityPlus



Continental takes pride in being the first tire manufacturer to create a dedicated regional bus tire: the Conti CityPlus. With its unparalleled wet handling performance, the Conti CityPlus reliably masters long and short intercity distances on winding and/or hilly roads, increasing safety for city transit.

### Conti CityPlus HA3 All axles

- › Enhanced handling through special wet compound
- › Continuous wet performance over tread lifetime through full-depth 3D siping
- › Improved mileage thanks to wider tread width
- › Even wear through optimized footprint
- › M+S marking



## Conti Urban



Driving short distances in the city means maximum stress for any kind of tire. Narrow streets, curbs, and stop-and-go traffic require premium tire quality and safety. The Conti Urban features enhanced robustness and is exclusively designed for urban challenges; it also delivers higher mileage and lower fuel consumption\*.

### Conti Urban HA3 All axes

- › Excellent cornering stability thanks to wider tread width
- › Superior wet grip due to high density interlocking sipes
- › Better curbing resistance through higher casing wire density and thickness
- › High protection with increased sidewall thickness

### Conti Urban HA3 M+S All axes

- › Excellent cornering stability thanks to wider tread width
- › Improved wet grip due to high density interlocking sipes
- › Better curbing resistance through higher casing wire density and thickness
- › High protection with increased sidewall thickness
- › M+S marking

\* compared to predecessor



## ContiLifeCycle™ Our tires live longer.

Continental Bus and Coach 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.

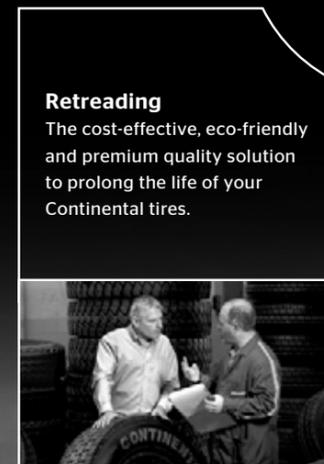


**New Continental tires**  
They are long-lasting, fuel-saving, retreadable and a key cornerstone for the Lowest Overall Driving Costs.



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

## ContiLifeCycle™



**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.

ContiLifeCycle - the modular tire life cycle concept of Continental Bus and Coach 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.

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



## Winter tires



During winter, the word “performance” suddenly gains an entirely new meaning. Slushy, slippery roads, firmly packed layers of snow or ice. With maximum safety, delivering a high driving confidence and outstanding efficiency, Continental Bus and Coach Tires help you master all the challenges of truly harsh winter conditions.

### HSW 2 COACH Steer axle

- › High directional stability thanks to winter-optimized tread designs
- › Safe braking performance on snow and ice due to a multitude of gripping edges
- › Good mileage performance even on dry roads thanks to the harmonious combination of tire contour, compound and tread pattern design

 All Continental winter tires are marked with the Three Peak Mountain Snow Flake (3PM SF) symbol and the M+S symbol.

## Conti UrbanScandinavia



Winter in the city can be demanding. The high-traction Conti UrbanScandinavia faces the challenge by providing maximum grip, good mileage performance and improved sidewall resistance to all axles. In harsh conditions, the Conti UrbanScandinavia HD3 gives extra traction and up to 30 % more mileage\* on your driving axle.

### Conti UrbanScandinavia HA3 All axles

- › Improved braking on snow and ice
- › High traction on snowy and icy roads thanks to numerous gripping edges and sipes
- › Optimized traction over lifetime with full depth siping ribs
- › Significantly increased mileage thanks to wider and deeper tread design and UrbanExpert compound

### Conti UrbanScandinavia HD3 Drive axle

- › High traction on snowy and icy roads thanks to numerous gripping edges and sipes
- › Optimized traction over lifetime with full depth 3D-siping ribs
- › Significantly increased mileage thanks to wider and deeper tread design and UrbanExpert compound
- › Resistance to strong retarder forces due to directional drive pattern design

\* compared to predecessor

 All Continental winter tires are marked with the Three Peak Mountain Snow Flake (3PM SF) symbol and the M+S symbol.

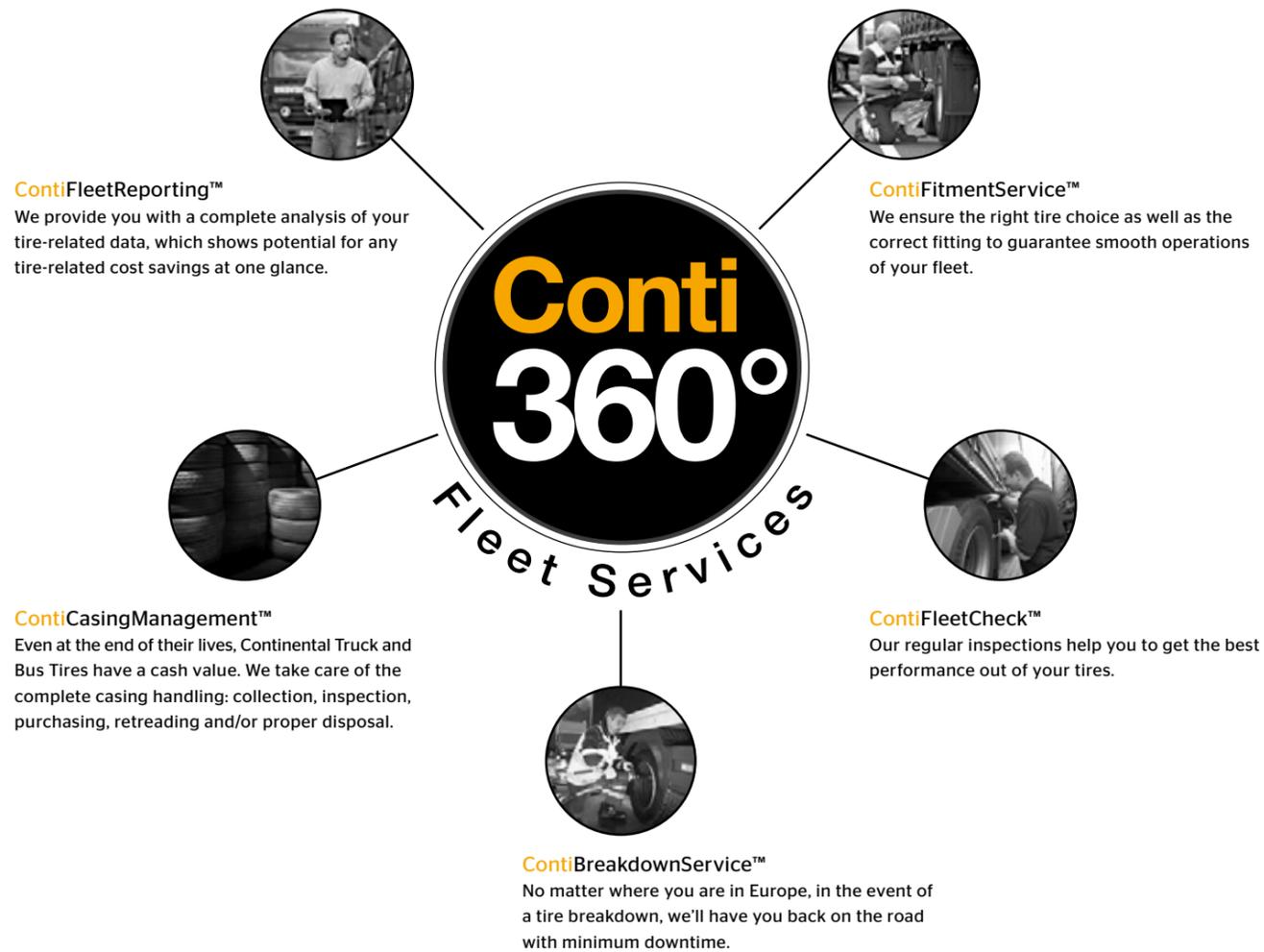


## Conti360° Fleet Services

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.



Sensor in container



External antenna



Receiver



Display in the cockpit

### 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.

**Automatic Trailer Learning (ATL)**

Automatic Trailer Learning makes it simple to exchange trailers without the need of additional system configuration.

**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.

**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.

**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.



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.



### Three Peak Mountain Snow Flake (3PMSF)

“‘Snow tire’ means a tire [...] designed to achieve in snow conditions a performance better than a normal tire [...]”

Source: Economic Commission for Europe of the United Nations (UN/ECE), R117



### Regrooving Indicator

Regrooving indicators determine how deep the tire can be regrooved. Setting the cutter to this correct depth prevents damage to the carcass beneath while getting the most out of your Continental tire.

The regrooving indicator is a part of all Continental Generation 3 urban tires.

