

# **Retread Tire Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Vehicle Type (Commercial Vehicle, Passenger Car & OTR Vehicle), By Retread Process (Cold Process & Hot Process), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Retread Tire Market is projected to expand from USD 11.53 Billion in 2025 to USD 14.83 Billion by 2031, registering a CAGR of 4.28%. This industry centers on the remanufacturing of worn tires, a process that involves rigorously inspecting casings and applying new treads to restore functionality and prolong service life. Key drivers fueling this growth include the economic imperative for commercial fleet operators to reduce cost-per-mile expenses and a growing global focus on environmental sustainability. By repurposing existing casings, retreading substantially lowers raw material usage and carbon emissions compared to manufacturing new tires, thereby supporting circular economy mandates and corporate sustainability objectives.

Despite these drivers, a major challenge hindering broader market growth is the influx of low-cost new tire imports, especially in the budget segment, which diminishes the traditional pricing advantage of retreads. This price compression often discourages fleet owners from investing in premium casings suitable for retreading. Nevertheless, the sector demonstrates resilience; according to the Tire Retread & Repair Information Bureau, 54% of industry respondents surveyed in 2024 anticipated revenue growth, underscoring the market's viability even as it navigates intense competition from inexpensive new tire alternatives.

## **Market Driver**

The substantial cost savings offered by retreads compared to new tires serve as the

primary economic catalyst for the Global Retread Tire Market, fundamentally influencing fleet procurement strategies. As commercial operators contend with tightening margins, capitalizing on the price difference between retreaded casings and newly manufactured units is essential for optimizing cost-per-mile (CPM) expenses. This financial incentive is particularly critical in the logistics sector, where tire maintenance represents a significant operational cost. As noted in a July 2024 Michelin article titled 'Battle of the Tires: Retread Tires vs Low-Cost Import Tires,' retreaded tires cost approximately 40 percent less on average than comparable new tires, presenting a compelling value proposition that retains volume despite competitive pressure from budget imports.

Furthermore, the rising emphasis on environmental sustainability and circular economy principles acts as a pivotal driver, pushing industries to minimize their carbon footprints through remanufacturing. Retreading extends the service life of worn casings, significantly curtailing the demand for raw petrochemicals and reducing industrial waste, which aligns with corporate Environmental, Social, and Governance (ESG) mandates. According to a July 2024 press release by the U.S. Tire Manufacturers Association, 'Legislation Would Lower Tire Retread Costs,' the use of retreaded tires reduces carbon dioxide emissions by 24 percent compared to new tire production. This sustainable efficiency is vital for the heavy transport segment; the Tire Retread & Repair Information Bureau reported in 2024 that 86 percent of retreads manufactured by surveyed members were specifically for the commercial truck sector, highlighting the industry's reliance on this circular model.

## **Market Challenge**

The Global Retread Tire Market faces a significant obstacle due to the escalating influx of low-cost new tire imports, particularly within the budget tier. This surge markedly narrows the pricing differential that traditionally makes retreading an economically attractive option for fleet operators. When the price of a brand-new budget tire approaches that of a premium retread, the financial incentive for fleets to maintain complex casing management programs is diminished. Consequently, many operators choose these disposable new tires to prioritize immediate savings over long-term value, a trend that directly erodes the market share of retreading service providers.

This shift further destabilizes the industry by disrupting the supply of high-quality casings that are essential for the remanufacturing process. Inexpensive budget tires are frequently engineered for a single lifespan and lack the structural durability required for multiple retreading cycles. The market impact is evident in recent trade data; according

to the European Tyre and Rubber Manufacturers? Association, imports of truck and bus tires from non-European markets increased by 8 percent in early 2025. This growth in foreign import volumes underscores the intensifying competitive pressure that hampers the expansion of the domestic retreading sector.

## **Market Trends**

The adoption of AI-powered and nondestructive casing inspection technologies is transforming quality assurance within the retreading industry. Advanced shearography and computer-vision systems are replacing manual methods, allowing for the precise identification of internal defects, such as separations, that remain invisible to the naked eye. This technological shift ensures that only casings with optimal structural integrity are remanufactured, significantly enhancing the safety profile of the final product. According to a Michelin North America, Inc. press release in October 2025 regarding the full rollout of TreadEye technology, their new proprietary inspection system captures 1,200 measurement points per casing, providing granular insights that mitigate the risk of on-road failure.

Additionally, the integration of RFID and IoT sensors for smart tire lifecycle monitoring is reshaping asset management for fleets. By embedding digital tags into casings during initial production, operators can track a tire's history through multiple retreading cycles. This connectivity enables data-driven maintenance decisions, ensuring tires are retreaded at the precise moment required to extend their usability. As highlighted in a January 2025 press release by Continental titled 'New Tires Focus on Durability and Support the Holistic ContiLifeCycle Concept,' the manufacturer has integrated RFID chips into all Generation 5 tire lines to facilitate this seamless digitalization and support the broader retreading ecosystem.

## **Key Market Players**

Bridgestone

Michelin

Goodyear

Continental

Pirelli

Cooper Tire

Trelleborg

Apollo Tyres

Hankook

Marangoni

## **Report Scope**

In this report, the Global Retread Tire Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Retread Tire Market, By Vehicle Type

Commercial Vehicle

Passenger Car & OTR Vehicle

Retread Tire Market, By Retread Process

Cold Process & Hot Process

Retread Tire Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Retread Tire Market.

## **Available Customizations:**

Global Retread Tire Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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