

Forklift Tire Market Forecasts to 2032 – Global Analysis By Tire Type (Pneumatic, Solid and Polyurethane), Tread Type, Forklift Type, Distribution Channel, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Forklift Tire Market is accounted for \$2.09 billion in 2025 and is expected to reach \$2.98 billion by 2032 growing at a CAGR of 5.2% during the forecast period. Forklift tires are engineered to handle the weight and operational demands of forklifts across diverse industrial settings. They are available in several varieties, such as pneumatic, solid, and cushion tires, each tailored for specific working conditions. Pneumatic tires absorb shocks and provide comfort on rough surfaces, whereas solid tires are long-lasting and resistant to punctures, making them ideal for warehouses and indoor areas. Cushion tires work best on smooth floors and in confined spaces. Selecting the appropriate tire affects the forklift's stability, grip, and efficiency. Consistent maintenance and regular checks are essential to enhance safety, reduce equipment downtime, and extend the service life of both the tires and the forklift.

According to the U.S. Occupational Safety and Health Administration (OSHA), forklifts are involved in approximately 85 fatal accidents and 34,900 serious injuries annually in the U.S. alone. This underscores the critical role of high-performance tires in ensuring stability, traction, and safety in industrial environments.

Market Dynamics:

Driver:

Growth in e-commerce and logistics

The expanding e-commerce and logistics industries are major contributors to the rising demand for forklift tires. Fast-paced warehousing, inventory management, and material handling require forklifts fitted with durable and efficient tires. High-quality tires minimize operational interruptions, improve safety, and enhance the overall efficiency of logistics operations. With the surge in automated warehouses and distribution centers worldwide, the dependence on forklifts increases, driving the need for advanced tire solutions. As online retail continues to grow, logistics operations demand reliable equipment, making forklift tires essential for seamless handling. Consequently, the booming e-commerce and logistics markets are directly boosting the forklift tire industry.

Restraint:

High initial cost of tires

The considerable upfront expense of forklift tires is a major factor restraining market growth. Advanced tires offering enhanced performance, durability, and specialized features are often expensive, making it difficult for smaller businesses to invest. In high-usage environments, frequent tire replacements further increase operational costs, forcing companies to balance cost against benefits. The significant initial investment may discourage adoption of premium tires, limiting market penetration. Consequently, while high-quality tires offer long-term advantages, their high price creates a financial barrier for many users, slowing the overall growth of the forklift tire market and restricting the widespread adoption of advanced tire technologies.

Opportunity:

Expansion of warehouse and logistics infrastructure

The global growth of warehouses and logistics networks offers promising prospects for the forklift tire market. Increasing e-commerce activities and complex supply chains drive investment in modern distribution centers and automated facilities, boosting the requirement for reliable forklifts. As forklifts handle critical material movement, the demand for long-lasting, high-performance tires is on the rise. Tires designed for heavy loads, enhanced traction, and stable operations are particularly in demand. This expansion provides manufacturers the chance to innovate, introduce specialized tire solutions, and strengthen their market share while addressing the evolving needs of global warehouse and logistics sectors, positioning the industry for sustained growth.

Threat:

Intense competition among manufacturers

The forklift tire market faces threats from fierce competition among manufacturers. Numerous international and regional players create pricing pressures, which can shrink profit margins. Smaller companies often find it difficult to compete with established brands offering advanced technology, high-quality products, and reliable after-sales services. Frequent product launches and aggressive marketing intensify the rivalry, compelling manufacturers to continually innovate and control costs. This competitive pressure challenges firms' ability to sustain profitability while investing in R&D. Consequently, market participants may struggle to maintain or grow their market share, making intense industry competition a major threat to the long-term stability and expansion of the forklift tire market.

Covid-19 Impact:

The COVID-19 outbreak significantly influenced the forklift tire market by disrupting production and supply chains worldwide. Lockdowns, restricted transportation, and workforce shortages caused delays in tire manufacturing and distribution, impacting both suppliers and consumers. Industrial slowdowns in factories, warehouses, and logistics centers led to a temporary decline in demand for forklift tires. Economic uncertainty further compelled businesses to defer investments in new equipment and tire replacements, restraining market growth in the short term. Despite these challenges, the pandemic emphasized the need for efficient material handling and automated warehouse solutions, presenting long-term growth prospects for forklift tire manufacturers as industries increasingly adopt resilient and optimized operational strategies.

The pneumatic segment is expected to be the largest during the forecast period

The pneumatic segment is expected to account for the largest market share during the forecast period due to their adaptability and high performance across varied industrial settings. These air-filled tires offer superior cushioning, traction, and stability, making them ideal for both outdoor and indoor operations on rough or uneven surfaces. Their capability to support heavy loads while ensuring operator comfort and reducing forklift wear has led to widespread preference. Key sectors, including warehousing, logistics, and construction, favor pneumatic tires to maintain safe and efficient material handling. Their balanced combination of durability, reliability, and operational efficiency establishes pneumatic tires as the leading segment in the global forklift tire market,

surpassing solid and polyurethane alternatives.

The electric forklifts segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the electric forklifts segment is predicted to witness the highest growth rate, driven by a global shift toward energy-efficient and environmentally friendly material handling solutions. Adoption of electric forklifts is rising in warehouses, manufacturing units, and logistics centers due to operational cost savings and compliance with environmental standards. These forklifts require tires that ensure stability, traction, and durability for continuous indoor use. The need for puncture-resistant, low-maintenance and smooth-running tires further fuels market growth. As industries prioritize sustainability and automation, the electric forklift segment presents significant opportunities, positioning it as the fastest-growing category in the worldwide forklift tire market.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, owing to swift industrial growth and a burgeoning automotive industry in nations such as China, India, Japan, and South Korea. The implementation of stringent workplace safety standards and a surge in demand for material handling equipment are accelerating market expansion. By 2025, Asia-Pacific is projected to capture the largest market share, with North America and Europe following suit. The rise of electric forklifts in these regions is also boosting the need for forklift tires. Collectively, Asia-Pacific's dynamic industrial landscape and supportive regulations position it as a dominant force in the forklift tire market.

Region with highest CAGR:

Over the forecast period, the Middle East and Africa region is anticipated to exhibit the highest CAGR. Rapid industrialization, construction, and warehousing expansion in emerging economies such as the UAE, Saudi Arabia, and South Africa are fueling demand for material handling equipment. Investment in port infrastructure and logistics hubs, along with increased adoption of electric forklifts, is accelerating tire sales. Limited market penetration initially, combined with rising industrial activities, and provides significant growth opportunities. The region's increasing focus on automation and modern warehouse management systems is projected to boost the forklift tire market at the fastest pace globally.

Key players in the market

Some of the key players in Forklift Tire Market include Camso, Hankook, Trelleborg AB, The Yokohama Rubber Co. Ltd, Continental AG, Michelin, Advance Tire Inc., Maxam Tire, China National Tire & Rubber Co., Ltd., IRC Tyre Industrial Rubber Company, Magna Tyres Group, Sumitomo Rubber Industries, Ltd., CEAT Specialty Tires, Apollo Tyres and MRF Tyres.

Key Developments:

In May 2025, Hankook Tire & Technology has signed a title sponsorship agreement with Saudi Arabian professional football club Al-Ittihad. Under the agreement, Hankook will serve as the club's official title sponsor for three seasons, beginning with the 2024/2025 season. Al-Ittihad is one of Saudi Arabia's most prestigious football clubs. The team recently secured its 10th Saudi Pro League title with two matches remaining in the 2024/2025 season.

In November 2024, Yokohama Rubber Co., Ltd., announces that with the aim of winning the ADAC RAVENOL 24h Nürburgring in 2025, it has signed a partnership agreement with the racing team Scherer Sport PHX of Germany. As part of the ADVAN CHALLENGE that seeks to maximize sales of ADVAN tires, Yokohama Rubber is aiming for victories at the Nürburgring 24-Hour Race and Nürburgring Langstrecken-Serie (NLS) by supplying its ADVAN racing tires for the Audi R8 LMS GT3 evo II being entered in those races by Scherer Sport PHX.

In June 2023, Trelleborg Group has signed an agreement to acquire an operation specializing in automotive boots for the fast-growing Indian light vehicles market. The operation is part of the India-based privately owned company Injectoplast. The acquisition means that Trelleborg further strengthens its globally leading market position in automotive boots.

Tire Types Covered:

Pneumatic

Solid

Polyurethane

Tread Types Covered:

Smooth

Traction

Forklift Types Covered:

Electric Forklifts

Internal Combustion (IC) Forklifts

Distribution Channels Covered:

OEM (Original Equipment Manufacturer)

Aftermarket

Applications Covered:

Indoor

Outdoor

End Users Covered:

Manufacturing

Warehousing

Logistics

Construction

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

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All the customers of this report will be entitled to receive one of the following free customization options:

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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