

Aircraft Tire Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global aircraft tire market size reached US\$ 2.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.7 Billion by 2028, exhibiting a growth rate (CAGR) of 5.43% during 2023-2028.

An aircraft tire refers to a specialized wheel that is designed to provide stability to the aircraft and withstand heavy loads at high speeds. The tires are manufactured using nylon, steel and natural and artificial rubber and some of the common types of aircraft tires include radial and bias-ply tires. The radial tires consist of perpendicular fiber stands that are fixed at the tire sidewall in the direction of rotation to minimize bidirectional and sidewall flexibility. On the other hand, a bias-ply tire consists of fabric bias that can stretch on the bias and is placed across the direction of rotation and sidewall.

The significant growth in the commercial aviation and defense industries is one of the key factors driving the growth of the market. With the increasing air traffic across the globe, there is a growing need for highly efficient flight safety mechanisms, including tires, to ensure maximum passenger safety. Aeronautical manufactures are emphasizing on producing light-weight aircraft tires that are integrated with improved braking systems, which is providing a boost to the market growth. Additionally, advancements in tire manufacturing technologies, such as the utilization of next-generation materials, synthetic elastomer rubber and cross-linkable rubber, are acting as another growth-inducing factor. These materials are highly durable and aid in enhancing the overall fuel-efficiency of the aircraft by minimizing the weight of the tire. Other factors, including the growing demand for aircraft for various combat and non-

combat operations in the defense sector, along with the increasing government investments in the aviation infrastructure, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global aircraft tire market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, platform, sector and application.

Breakup by Product Type:

Radial

Bias

Breakup by Platform:

Fixed Wing

Rotary Wing

Breakup by Sector:

OEM

Replacement

Breakup by Application:

Commercial Aircraft

Narrow Body Aircraft

Wide Body Aircraft

Very Large Aircraft

Regional Transport Aircraft

Non-Commercial Aircraft

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Aviation Tires, Bridgestone Corporation, Desser Tire & Rubber Co., Dunlop Aircraft Tyres Ltd., Goodyear Tire & Rubber Co., Michelin, Petlas Tire Corporation, Qingdao Sentury Tire Co. Ltd., Specialty Tires of America, Wilkerson Company Inc. (Wco) Ltd., etc.

Key Questions Answered in This Report

1. What is the market size for the global aircraft tire market?
2. What is the global aircraft tire market growth?
3. What are the global aircraft tire market drivers?
4. What are the key industry trends in the global aircraft tire market?
5. What is the impact of COVID-19 on the global aircraft tire market?
6. What is the global aircraft tire market breakup by product type?
7. What is the global aircraft tire market breakup by sector?
8. What is the global aircraft tire market breakup by application?

9. What are the major regions in the global aircraft tire market?

10. Who are the key companies/players in the global aircraft tire market?

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