

Aircraft Wheel Scanning System - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Aircraft Wheel Scanning System Market is accounted for \$501.41 million in 2020 and is expected to reach \$948.90 million by 2028 growing at a CAGR of 8.3% during the forecast period. Rising demand for light aircrafts, improvements witnessed in aircraft maintenance, repair and overhaul (MRO) services and increasing demand for air travel in emerging economies are driving the market growth. However, high cost of aircraft scanning systems is hampering the growth of the market.

Aircraft wheel scanning systems play a vital role in the quality control of landing gear components. Robust structure, timely maintenance, repair, and overhaul of aircraft wheels and brakes are important as they undergo extreme wear and tear friction during landing and take-off. These systems are broadly used by aircraft manufacturers to identify early defects and ensure safe aircraft take-off and landing.

Based on the system, the structured light 3D scanner segment is going to have lucrative growth during the forecast period owing to the swift technological advancements, such as constructing prototypes. Furthermore, the widening adoption of handheld 3D laser scanners of aircraft wheel scanning systems, due to their advantage of fitting into confined spaces, is further expected to expand market size.

By geography, North America is going to have high growth during the forecast period owing to the presence of key aircraft MRO service providers and aircraft OEMs in the region, such as the Boeing Company, Textron Aviation Inc., General Dynamics Corporation, and Bombardier Inc.

Some of the key players profiled in the Aircraft Wheel Scanning System Market include

Shenzhen HOLON Technology Co., Ltd, Hexagone AB , FARO Technologies, Inc., Carl Zeiss Optotechnik GmbH , Autodesk Inc. , AerSCAN , Nikon Metrology NV , Fuel3D Technologies Limited , Creaform Inc. , Capture 3D, Inc. and Artec Europe, S.a.r.l.

Components Covered:

Hardware

Services

Software

Systems Covered:

Laser 3D Scanner

Structured Light 3D Scanner

Aircraft Types Covered:

Fixed-wing Aircraft

Rotary-wing Aircraft

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 2019, 2020, 2021, 2025 and 2028

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

Free Customization Offerings:

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

Company Profiling

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

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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