

Daytime Running Lamp Market Size, Trends, Analysis, and Outlook by Type (Halogen Lamps, LED Lamps, HID Lamps, OLED Lamps, Others), Application (Automobile manufacture industry, Automobile aftermarket industry), Illumination, Head Lights, Tail Lights), Vehicle (Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), by Country, Segment, and Companies, 2024-2030

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# **Abstracts**

The global Autonomous Trucks market size is poised to register 21.3% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Autonomous Trucks market by Sensor (LiDAR, Radar, Camera, Ultrasonic), Type (Light-duty Trucks, Medium-duty Trucks, Heavy-duty Trucks), Level of Automation (Level 0, Level 1, Level 2, Level 3, Level 4, Level 5), ADAS Feature (Adaptive Cruise Control, Lane Departure Warning, Intelligent Park Assist, Highway Pilot, Automatic Emergency Braking, Blind Spot Detection, Traffic Jam Assist, Lane Keeping Assist System, Others), Drive Type (IC Engine, Electric, Hybrid). The Autonomous Trucks Market is poised for significant evolution and disruption by 2030, driven by a confluence of technological advancements, logistics optimization imperatives, and regulatory changes. As the transportation industry seeks to address challenges such as driver shortages, rising fuel costs, and efficiency improvements, there's a growing interest in autonomous trucks as a solution for safer, more efficient freight transport. Trends such as the development of advanced sensor technologies, artificial intelligence algorithms, and infrastructure upgrades are reshaping the requirements for autonomous trucks, driving the need for solutions that offer enhanced navigation, real-time data analytics, and remote monitoring capabilities. In addition, as



governments worldwide implement regulations to facilitate autonomous vehicle deployment, there's a rising emphasis on safety standards, liability frameworks, and infrastructure investments to support autonomous truck operations. Further, as logistics companies and fleet operators recognize the potential benefits of autonomous trucks, such as reduced labor costs, increased productivity, and improved safety, there's an increasing adoption of autonomous trucking solutions for long-haul and last-mile delivery applications. With stakeholders across the transportation and technology sectors collaborating to overcome technical, regulatory, and societal challenges, the Autonomous truck market is poised for exponential growth and transformation, reshaping the future of freight transportation and logistics..

Autonomous Trucks Market Drivers, Trends, Opportunities, and Growth Opportunities This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Autonomous Trucks market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Autonomous Trucks survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Autonomous Trucks industry.

Key market trends defining the global Autonomous Trucks demand in 2024 and Beyond The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Autonomous Trucks Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Autonomous Trucks industry comprises a wide range of segments and subsegments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Autonomous Trucks companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Autonomous Trucks industry Leading Autonomous Trucks companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging



demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Autonomous Trucks companies.

Autonomous Trucks Market Study- Strategic Analysis Review

The Autonomous Trucks market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Autonomous Trucks Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Autonomous Trucks industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarioslow case, reference case, and high case scenarios.

Autonomous Trucks Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Autonomous Trucks Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Autonomous Trucks market segments. Similarly, Strong end-user demand is encouraging Canadian Autonomous Trucks companies to invest in niche segments. Further, as Mexico continues to strengthen its



trade relations and invest in technological advancements, the Mexico Autonomous Trucks market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Autonomous Trucks Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Autonomous Trucks industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Autonomous Trucks market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Autonomous Trucks Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Autonomous Trucks in Asia Pacific. In particular, China, India, and South East Asian Autonomous Trucks markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Autonomous Trucks Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Autonomous Trucks Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar,



Kuwait, and other GCC countries supports the overall Middle East Autonomous Trucks market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Autonomous Trucks.

## Autonomous Trucks Market Company Profiles

The global Autonomous Trucks market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AB Volvo, BYD Company Ltd, Einride AB, Embark Trucks Inc, Fabu Technology Co. Ltd, Kodiak Robotics Inc, Mercedes-Benz Group, PACCAR Inc, Tesla Inc, Traton SE, TuSimple Holdings Inc, Waymo LLC.

## Recent Autonomous Trucks Market Developments

The global Autonomous Trucks market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Autonomous Trucks Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast

Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local

Currency)

**Qualitative Analysis** 

**Pricing Analysis** 

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Sensor

**LiDAR** 

Radar

Camera

Ultrasonic



Type

Light-duty Trucks

Medium-duty Trucks

Heavy-duty Trucks

Level of Automation

Level 0

Level 1

Level 2

Level 3

Level 4

Level 5

**ADAS Features** 

Adaptive Cruise Control

Lane Departure Warning

Intelligent Park Assist

**Highway Pilot** 

**Automatic Emergency Braking** 

**Blind Spot Detection** 

Traffic Jam Assist

Lane Keeping Assist System

Others

**Drive Type** 

IC Engine

**Electric** 

Hybrid

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

AB Volvo

**BYD Company Ltd** 

Einride AB

**Embark Trucks Inc** 

Fabu Technology Co. Ltd



Kodiak Robotics Inc
Mercedes-Benz Group
PACCAR Inc
Tesla Inc
Traton SE
TuSimple Holdings Inc
Waymo LLC.
Formats Available: Excel, PDF, and PPT



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Type

Halogen Lamps

**LED Lamps** 



**HID Lamps** 

**OLED Lamps** 

Others

Application

Automobile manufacture industry

Automobile aftermarket industry

Illumination

**Head Lights** 

Tail Lights

Vehicle

Passenger Car

Light Commercial Vehicle

Heavy Commercial Vehicle

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Advanced Lighting Technologies Inc

Biketronics Inc

Changchun Hella Automotive Lighting Co. Ltd

Custom Dynamics Llc

Custom LED LLC

Federal-Mogul Corp

Flex Ltd

Hella KGaA Hueck & Co.

Ichikoh Industries Ltd.

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