

Autonomous Mining Truck Market Size, Trends, Analysis, and Outlook by Application (Last-mile Delivery Truck, Mining Truck), Mine (Surface Mines, Underground Mines), Propulsion (Diesel, Electric, Hybrid), Truck (Cab-integrated Trucks, Cab-less Trucks), Level of Automation (Level 1, Level 2 & Level 3, Level 4, Level 5), Sensor (Ultrasonic, Camera, LiDAR, Radar), by Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/AD0A53A6CABBEN.html>

Date: April 2024

Pages: 199

Price: US\$ 3,980.00 (Single User License)

ID: AD0A53A6CABBEN

Abstracts

The global Drum Brake market size is poised to register 7.56% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry.

The study analyzes the global Drum Brake market by Type (Leading Trailing Shoe Brake, Dual Two Trailing Shoe Brake, Dual Two Leading Shoe Brake), Material (Aluminium, Cast Iron, Steel Brake), Application (Passenger Vehicle, Commercial Vehicle), Distribution Channel (OEM's, Aftermarket).

The Drum Brake Market is poised for significant evolution through 2030, driven by the increasing demand for cost-effective and reliable braking solutions in entry-level and mid-range vehicles is propelling the adoption of drum brakes due to their simplicity, durability, and low maintenance requirements. This trend is accompanied by advancements in drum brake design, materials, and manufacturing processes, enabling the development of lightweight yet robust drum brake assemblies capable of delivering consistent braking performance across diverse operating conditions. Secondly, the rise of electric and hybrid vehicles is driving the development of regenerative braking systems integrated with drum brakes, enabling energy recovery and improved .

Drum Brake 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 Drum Brake market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Drum Brake 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 Drum Brake industry.

Key market trends defining the global Drum Brake 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.

Drum Brake Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Drum Brake industry comprises a wide range of segments and sub-segments. 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 Drum Brake companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Drum Brake industry

Leading Drum Brake 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 Drum Brake companies.

Drum Brake Market Study- Strategic Analysis Review

The Drum Brake 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.

Drum Brake Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Drum Brake 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 scenarios- low case, reference case, and high case scenarios.

Drum Brake 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 Drum Brake 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 Drum Brake market segments. Similarly, Strong end-user demand is encouraging Canadian Drum Brake companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Drum Brake market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Drum Brake Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Drum Brake 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 Drum Brake 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 Drum Brake 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 Drum Brake in Asia Pacific. In particular, China, India, and South East Asian Drum Brake 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 Drum Brake 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 Drum Brake 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 Drum Brake market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Drum Brake.

Drum Brake Market Company Profiles

The global Drum Brake 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 Aisin Seiki Co. Ltd, Akebono Brake Industry Co. Ltd, Continental AG, Hendrickson USA LLC, Knorr-Bremse AG, KRAFT-TEK Inc, Mando Corp, Nissin Kogyo Co. Ltd, Shandong Taifeng Brake System Co. Ltd, XinYi Co. Ltd, ZF Friedrichshafen AG, Zhejiang Asia-Pacific Mechanical & Electronic Co. Ltd.

Recent Drum Brake Market Developments

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

Drum Brake 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:

Type

Leading Trailing Shoe Brake

Dual Two Trailing Shoe Brake

Dual Two Leading Shoe Brake

Material

Aluminium

Cast Iron

Steel Brake

Application

Passenger Vehicle

Commercial Vehicle

Distribution Channel

OEM's

Aftermarket

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)
Asia Pacific (6 markets)
Latin America (3 markets)
Middle East Africa (5 markets)

Companies

Aisin Seiki Co. Ltd
Akebono Brake Industry Co. Ltd
Continental AG
Hendrickson USA LLC
Knorr-Bremse AG
KRAFT-TEK Inc
Mando Corp
Nissin Kogyo Co. Ltd
Shandong Taifeng Brake System Co. Ltd
XinYi Co. Ltd
ZF Friedrichshafen AG
Zhejiang Asia-Pacific Mechanical & Electronic Co. Ltd.
Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Autonomous Mining Truck Market Overview and Key Findings, 2024
- 1.2 Autonomous Mining Truck Market Size and Growth Outlook, 2021- 2030
- 1.3 Autonomous Mining Truck Market Growth Opportunities to 2030
- 1.4 Key Autonomous Mining Truck Market Trends and Challenges
 - 1.4.1 Autonomous Mining Truck Market Drivers and Trends
 - 1.4.2 Autonomous Mining Truck Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Autonomous Mining Truck Companies

2. AUTONOMOUS MINING TRUCK MARKET SIZE OUTLOOK TO 2030

- 2.1 Autonomous Mining Truck Market Size Outlook, USD Million, 2021- 2030
- 2.2 Autonomous Mining Truck Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. AUTONOMOUS MINING TRUCK MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. AUTONOMOUS MINING TRUCK MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - Application
 - Last-mile Delivery Truck
 - Mining Truck

Mine

Surface Mines

Underground Mines

Propulsion

Diesel

Electric

Hybrid

Truck

Cab-integrated Trucks

Cab-less Trucks

Level of Automation

Level

Level 2 & Level

Level

Level

Sensor

Ultrasonic

Camera

LiDAR

Radar

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Autonomous Mining Truck Market, 2025

5.2 Asia Pacific Autonomous Mining Truck Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Autonomous Mining Truck Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Autonomous Mining Truck Market, 2025

5.5 Europe Autonomous Mining Truck Market Size Outlook by Type, 2021- 2030

5.6 Europe Autonomous Mining Truck Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Autonomous Mining Truck Market, 2025

5.8 North America Autonomous Mining Truck Market Size Outlook by Type, 2021- 2030

5.9 North America Autonomous Mining Truck Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Autonomous Mining Truck Market, 2025

5.11 South America Pacific Autonomous Mining Truck Market Size Outlook by Type, 2021- 2030

5.12 South America Autonomous Mining Truck Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Autonomous Mining Truck Market, 2025

5.14 Middle East Africa Autonomous Mining Truck Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Autonomous Mining Truck Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Autonomous Mining Truck Market Size Outlook and Revenue Growth Forecasts

6.2 US Autonomous Mining Truck Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Autonomous Mining Truck Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Autonomous Mining Truck Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Autonomous Mining Truck Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Autonomous Mining Truck Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Autonomous Mining Truck Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Autonomous Mining Truck Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Autonomous Mining Truck Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Autonomous Mining Truck Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Autonomous Mining Truck Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Autonomous Mining Truck Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Autonomous Mining Truck Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Autonomous Mining Truck Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Autonomous Mining Truck Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

- 6.30 South East Asia Autonomous Mining Truck Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Autonomous Mining Truck Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Autonomous Mining Truck Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Autonomous Mining Truck Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Autonomous Mining Truck Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Autonomous Mining Truck Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Autonomous Mining Truck Industry Drivers and Opportunities

7. AUTONOMOUS MINING TRUCK MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. AUTONOMOUS MINING TRUCK COMPANY PROFILES

- 8.1 Profiles of Leading Autonomous Mining Truck Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- AB Volvo
- Aptiv PLC
- Caterpillar Inc
- Continental AG
- Denso Corp
- Embark Trucks Inc
- Robert Bosch GmbH
- Tesla Inc
- TuSimple Holdings Inc
- Waymo LLC

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

I would like to order

Product name: Autonomous Mining Truck Market Size, Trends, Analysis, and Outlook by Application (Last-mile Delivery Truck, Mining Truck), Mine (Surface Mines, Underground Mines), Propulsion (Diesel, Electric, Hybrid), Truck (Cab-integrated Trucks, Cab-less Trucks), Level of Automation (Level 1, Level 2 & Level 3, Level 4, Level 5), Sensor (Ultrasonic, Camera, LiDAR, Radar), by Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/AD0A53A6CABBEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AD0A53A6CABBEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970