

Technology Landscape, Trends and Opportunities in the Global Automotive Brake Market

<https://marketpublishers.com/r/TEDC2F622D45EN.html>

Date: March 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: TEDC2F622D45EN

Abstracts

Get it in 2 to 4 weeks by ordering today

The technologies in the automotive brake have undergone significant changes in recent years, from conventional brakes to electronic brake system technologies. The rising wave of new technologies, such as electronic stability control coupled with anti lock braking system and traction control systems are creating significant potential for automotive brake in various applications due to the growing demand for safety systems to avoid accidents and increasing automotive production.

In the automotive brake market, various technologies, such as anti-lock braking system (ABS), traction control system (TCS), and electronic stability control (ESC) are used in passenger cars, light commercial vehicle, heavy commercial vehicle, and two-wheeler applications. Increasing demand for road safety regulations, technological advancement in brake systems, and increase in automotive production are creating new opportunities for automotive brake technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the automotive brake market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global automotive brake by application, technology, and region as follows:

Technology Readiness by Technology

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology

Trends and Forecasts by Technology Type [Value (\$M) shipment analysis from 2018 to 2030]:

Anti-Lock Braking System

Traction Control System

Electronic Stability Control

Others

Trends and Forecasts by Application [Value (\$M) shipment analysis from 2018 to 2030]:

Passenger Cars

Anti-Lock Braking System (ABS)

Traction Control System (TCS)

Electronic Stability Control (ESC)

Others

Light Commercial Vehicle

Anti-Lock Braking System (ABS)

Traction Control System (TCS)

Electronic Stability Control (ESC)

Others

Heavy Commercial Vehicle

Anti-Lock Braking System (ABS)

Traction Control System (TCS)

Electronic Stability Control (ESC)

Others

Two-Wheeler Motor Vehicles

Anti-Lock Braking System (ABS)

Traction Control System (TCS)

Electronic Stability Control (ESC)

Others

Trend and Forecast by Region [Value (\$M) shipment analysis for 2018 – 2030]:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

Latest Developments and Innovations in the Automotive Brake Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Emerging technology trends, which have a direct impact on the dynamics of the industry, include integration of different technologies in one system and brake-by-wire systems. Some of the automotive Brake companies profiled in this report includes Continental AG, Robert Bosch GmbH, Advics Co. LTD, Mando, ZF Friedrichshafen, and Akebono.

The Lucintel study finds that the total market size of the automotive brake market is anticipated to be \$29.6 billion in 2030 and is forecast to grow at 5.0% during next five years. Electronic stability control technology is the largest segment of the automotive brake market, due to mandatory regulations in many countries for adopting ESC in all the vehicles and its affordability that makes it more usable.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the automotive brake market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in automotive brake market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in automotive brake market?

Q.6 What are the latest developments in automotive brake technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this automotive brake market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this automotive brake technology space?

Contents

1. EXECUTIVE SUMMARY

2. TECHNOLOGY LANDSCAPE

2.1: Technology Background and Evolution

2.2: Technology and Application Mapping

2.3: Supply Chain

3. TECHNOLOGY READINESS

3.1: Technology Commercialization and Readiness

3.2: Drivers and Challenges in Automotive Brake Technologies

3.3: Competitive Intensity

3.4: Regulatory Compliance

4. TECHNOLOGY TRENDS AND OPPORTUNITIES

4.1: Automotive Brake Market Opportunities

4.2: Technology Trends (2018-2023) and Forecasts (2024-2030)

4.2.1: Anti-Lock Braking Systems

4.2.2: Electronic Stability Control

4.2.3: Traction Control Systems

4.2.4: Other Technologies

4.3: Opportunities by Application

4.3.1: Passenger Car Vehicles

4.3.2: Light Commercial Vehicles

4.3.3: Heavy Commercial Vehicles

4.3.4: Two-Wheeler

5. TECHNOLOGY OPPORTUNITY BY REGION

5.1: Global Automotive Brake Market by Region

5.2: North American Automotive Brake Market

5.2.1: The United States Automotive Brake Market

5.2.2: Canadian Automotive Brake Market

5.2.3: Mexican Automotive Brake Market

5.3: European Automotive Brake Market

- 5.3.1: German Automotive Brake Market
- 5.3.2: French Automotive Brake Market
- 5.3.3: United Kingdom Automotive Brake Market
- 5.4: APAC Automotive Brake Market
 - 5.4.1: Chinese Automotive Brake Market
 - 5.4.2: Japanese Automotive Brake Market
 - 5.4.3: Indian Automotive Brake Market
 - 5.4.4: South Korean Automotive Brake Market
- 5.5: ROW Automotive Brake Market

6. LATEST DEVELOPMENTS IN AUTOMOTIVE BRAKE TECHNOLOGY

7. COMPANIES/ECOSYSTEM

- 7.1: Product Portfolio Analysis
- 7.2: Ranking of Major Players
- 7.3: Geographical Reach

8. STRATEGIC IMPLICATIONS

- 8.1: Implications
- 8.2: Growth Opportunity Analysis
 - 8.2.1: Growth Opportunities for the Global Automotive Brake Market by Technology
 - 8.2.2: Growth Opportunities for the Global Automotive Brake Market by Application
 - 8.2.3: Growth Opportunities for the Global Automotive Brake Market by Region
- 8.3: Emerging Trends in the Global Automotive Brake Market
- 8.4: Strategic Analysis
 - 8.4.1: New Product Development
 - 8.4.2: Mergers, Acquisitions, and Joint Ventures in the Global Automotive Brake Market
 - 8.4.3: Capacity Expansion in the Global Automotive Brake Market
 - 8.4.4: Technological Development in the Global Automotive Brake Market

9. COMPANY PROFILES OF LEADING PLAYERS

- 9.1: Continental
- 9.2: Robert Bosch
- 9.3: Mando
- 9.4: ZF Friedrichshafen

9.5: Advics

9.6: Knorr- Bremse

9.7: Delphi Technologies

9.8: Akebono

I would like to order

Product name: Technology Landscape, Trends and Opportunities in the Global Automotive Brake Market

Product link: <https://marketpublishers.com/r/TEDC2F622D45EN.html>

Price: US\$ 4,850.00 (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/TEDC2F622D45EN.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