

Air Brake System Market to Reach USD 7.81 B by 2032, Driven by Demand for Advanced Safety Features in Heavy-Duty Vehicles

The Air Brake System Market is witnessing substantial growth due to increasing emphasis on safety, fuel efficiency, and sustainability in transportation

AUSTIN, TX, UNITED STATES, December 10, 2024 /EINPresswire.com/ --

[Air Brake System Market Share](#)

The Air Brake System Market Size was valued at USD 5.59 billion in 2023 and is expected to reach USD 7.81 billion by 2032 and grow at a CAGR of 3.8% over the forecast period 2024-2032.



The Air Brake System Market Adapts to New Vehicle Technologies with a Focus on Safety, Efficiency, and Sustainability



The Air Brake System market is expanding due to rising demand for safety features in commercial vehicles, stringent government regulations on vehicle safety & growth in freight transportation globally”

SNS Insider

The Air Brake System Market is evolving rapidly as manufacturers balance the need for traditional heavy-duty applications and the rise of new vehicle technologies. With growing global concerns about safety and environmental sustainability, there is a marked shift towards more advanced air brake systems that not only guarantee superior stopping power but also promote fuel efficiency and emission reductions.

As electric and autonomous vehicles gain in popularity, these systems are becoming even more crucial, demanding new solutions that integrate seamlessly with

these advanced platforms. Manufacturers are now tasked with developing innovative braking systems that meet the needs of both traditional vehicle types and the emerging electric and

autonomous vehicle markets.

Get a Sample Report of Air Brake System Market@ <https://www.snsinsider.com/sample-request/1024>

Key Players Listed in the Air Brake System Market Are:

- Knorr-Bremse (Germany)
- Wabco (Belgium)
- Meritor (US)
- SORL Auto Parts Inc.
- Aisin Seiki Co. Ltd.
- Akebono Brake Industry Co. Ltd.
- Continental AG
- Nissin Kogyo Co. Ltd.
- Brembo S.P.A.
- Mando Corporation
- Knorr-Bremse AG
- Federal-Mogul Holdings Corporation³
- Airmaster Brake Systems
- Brakes India Limited
- YUMAK Air Brake Systems
- Haldex (Sweden)
- ZF (Germany)
- Wabtec (US) and Nabtesco

Rapid Vehicle Production Growth and Stringent Safety Standards Drive Expansion of the Air Brake System Market

The key drivers for the growth of the air brake system market include the rapid increase in vehicle production, particularly commercial vehicles, and a rising focus on safety standards in the transportation sector. Modernization efforts and improvements in energy efficiency have led to a significant surge in vehicle production, particularly in markets like India and China, where industrialization is driving demand for both commercial vehicles and railway systems.

In addition to these drivers, the ongoing research and development (R&D) initiatives by major players are expected to open up new avenues for growth. Companies like Knorr-Bremse AG, WABCO Holdings Inc., and Bendix Commercial Vehicle Systems are at the forefront of developing cost-effective and technologically advanced products that enhance braking efficiency while reducing operational costs. The push towards meeting stricter safety regulations and load-bearing requirements is also driving innovation in the market.

Have Any Queries on Air Brake System Market Research Report? Ask Our Experts@

Air Brake System Market Segment Analysis

Air Drum Brakes Dominate the Market in 2023, While Air Disc Brakes Are Poised for Rapid Growth

By Type

In 2023, air drum brakes hold the largest market share in the global air brake system market, particularly in commercial vehicles. These brakes, which consist of brake drums, shoes, and linings, represent the oldest and most widely used braking mechanism. However, air disc brakes are expected to experience the fastest growth during the forecast period from 2024 to 2032. With superior performance, better heat dissipation, and durability, air disc brakes are gaining traction as a preferred choice for modern heavy-duty vehicles.

By vehicle types

In 2023, trucks and buses dominate the air brake system market due to the high demand for reliable braking solutions in freight and public transportation. The rapid growth of logistics networks and urban transport systems is a key driver for this segment's dominance. As the need for efficient, high-capacity transport increases, especially in densely populated areas, the demand for air brake systems.

Air Brake System Market Key Segmentation:

By Type:

- Air Disc Brake
- Air Drum Brake

By Component:

- Compressor
- Governor
- Foot valve
- Air dryer
- Brake chamber
- Slack adjuster
- Tank
- Others

By Vehicle type:

- Trucks
- Bus
- Rolling Stock

Need any Customization Research as per your business requirements on Air Brake System Market, Request an Analyst@ <https://www.snsinsider.com/request-analyst/1024>

Regional Analysis:

Asia Pacific Leads the Air Brake System Market in 2023 Driven by Booming Automotive Industry

Asia Pacific was the leading market in 2023. The booming automotive industry in countries like China and India made APAC the spearhead of the air brake system market worldwide. Commercial vehicle production, including buses, trucks, and trains, was rising significantly in the region while infrastructure was growing exponentially in the Southeast Asia region.

The region's automotive sector is transforming, with more emphasis on electric and autonomous vehicles. This shift presents opportunities for air brake system manufacturers to develop next-generation systems compatible with new vehicle platforms.

Recent Developments

- In April 2023, Knorr-Bremse AG introduced its commercial vehicle aftermarket brand, Knorr-Bremse Truck Services, in South America. The brand's offerings for dealers, workshops, and fleet operators were showcased at Automec 2023 in the region, marking a strategic expansion of the company's market reach and service portfolio.
- In October 2024, Haldex introduced a new Heavy Duty (HD) specification for its AA1 and S-ABA brake adjusters. The updated adjusters now feature a higher-rated torque of 2900Nm, improving durability for modern EBS systems and automatic transmissions, reflecting the company's commitment to developing more robust and long-lasting components for air brake systems.

Table Of Contents

1. Introduction
2. Industry Flowchart
3. Research Methodology
4. Market Dynamics
5. Impact Analysis
6. Value Chain Analysis
7. Porter's 5 Forces Model
8. Pest Analysis
9. Global Air Brake System Market Segmentation, by type

10. Global Air Brake System Market Segmentation, by Component
11. Global Air Brake System Market Segmentation, by Vehicle type
12. Regional Analysis
13. Company Profiles
14. Competitive Landscape
15. Use Case and Best Practices

Buy a Complete Research Report of Air Brake System Market Analysis 2024-2032@
<https://www.snsinsider.com/checkout/1024>

About Us:

SNS Insider is a global leader in market research and consulting, shaping the future of the industry. Our mission is to empower clients with the insights they need to thrive in dynamic environments. Utilizing advanced methodologies such as surveys, video interviews, and focus groups, we provide up-to-date, accurate market intelligence and consumer insights, ensuring you make confident, informed decisions.

Contact Us:

Akash Anand
SNS Insider Pvt. Ltd
415-230-0044
info@snsinsider.com
Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[Instagram](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/767781476>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.