

Explosion-Proof Elevators Market Size, Share, Competitive Landscape and Trend Analysis Report

*The Business Research Company's
Explosion-Proof Elevators Global Market
Report 2025 - Market Size, Trends, And
Global Forecast 2025-2034*

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How Large Will The Explosion-Proof Elevators Market Be By 2025?

There has been a robust expansion in [the size of the explosion-proof elevators market](#) in the past few years. The market is projected to increase from \$1.22 billion in 2024 to \$1.33 billion in 2025, exhibiting a compound annual growth rate (CAGR) of 9.1%. The historical growth of this sector can be tied back to an intensified focus on industrial safety standards, the increasing implementation in potentially dangerous settings, developments in fire-proof and explosive-proof materials, a surge in demand from the oil, gas and chemical industries, and the growing use in high-risk mining and manufacturing facilities.

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[The market size for explosion-proof elevators](#) is predicted to experience significant expansion over the next several years, reaching \$1.86 billion in 2029 with a compound annual growth rate (CAGR) of 8.7%. This predicted growth during the forecast period can be attributed to a rise in demand for safety in areas prone to explosions, increased utilization of these types of elevators in the energy and chemical industries, a surge in the adoption of smart control and monitoring systems, heightened emphasis on worker safety and regulatory compliance, and favorable rules enhancing safety measures in hazardous areas. Leading trends anticipated for this period comprise the incorporation of fire-resistant materials, advancements in systems designed to

contain explosions, innovations in traction elevator systems, technological progress in the internet of things (IoT), artificial intelligence, and machine learning, as well as the advent of intelligent, regulation-compliant elevator technologies.

Download a free sample of the explosion-proof elevators market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=27139&type=smp>

What Are The Major Driving Forces Influencing The Explosion-Proof Elevators Market Landscape?

The increasing need in the oil and gas industry is anticipated to fuel [the growth of the explosion-proof elevators market](#) in the forthcoming years. The oil and gas industry focuses on the extraction, refinement, and transportation of hydrocarbons in hazardous scenarios where explosive or combustible materials are commonplace. Rapid urbanization and industrialization in emerging economies, leading to a rise in global energy consumption, are triggering the growth of the oil and gas industry. Explosion-proof elevators facilitate the safe commute of employees and equipment in the oil and gas industry, functioning effectively in environments susceptible to explosive gases and vapours. They reduce the risk of ignition with encapsulated, spark-resistant constituents, providing secure vertical conveyance for staff and equipment in potentially risky industrial areas. For example, the US Energy Information Administration (EIA), a US government agency, reported in December 2024 that US oil production had gone up from 12.2 million barrels per day (b/d) in 2022 to 13.3 million b/d in 2023. Consequently, the burgeoning oil and gas industry demand is contributing to the growth of the explosion-proof elevators market. Accelerated infrastructure development is projected to spur the growth of the explosion-proof elevators market in the future. Infrastructure development encompasses the design, construction, and upkeep of fundamental physical structures, such as energy, transport, water and communication networks. The uptick in infrastructure development projects is led by economic development and urbanization, increasing the demand for enhanced energy, transportation, and public utility networks. Explosion-proof elevators assist in infrastructure development by enabling safe vertical movement in hazardous construction and industrial areas. They endorse the advancement of facilities like chemical plants, refineries, and subterranean mines by diminishing ignition risks, ensuring workforce safety, and maintaining operational efficiency in explosive scenarios. For example, in July 2024, according to the Office for National Statistics, the total government investment in infrastructure reached \$17.25 billion (£13.8 billion) in 2023, a 3.9% increase from 2022. Therefore, the accelerated infrastructure development is contributing to the growth of the explosion-proof elevators market.

Who Are The Top Players In The Explosion-Proof Elevators Market?

Major players in the Explosion-Proof Elevators Global Market Report 2025 include:

- TK Elevator
- Fujitec Co. Ltd.
- Alimak SE
- Joylive Elevator Co. Ltd.
- Dongnan Elevator Co. Ltd.

- GEDA
- Sigma Elevator Company
- Mid-American Elevator
- USA Hoist
- Maspero Elevatori S.p.A.

Market Share And Forecast By Segment In The Global Explosion-Proof Elevators Market

The explosion-proof elevators market covered in this report is segmented –

- 1) By Type: Flameproof, Intrinsically Safe Type, Increased Safety Type, Dust-Proof Type
- 2) By Product Type: Hydraulic Explosion Proof Elevators, Traction Explosion Proof Elevators, Other Product Types
- 3) By Application: Oil And Gas, Chemical, Mining, Military And Defense, Other Applications
- 4) By End-User: Industrial, Commercial, Residential

Subsegments:

- 1) By Flameproof: Zone 1 Flameproof Elevators, Zone 2 Flameproof Elevators, Gas Group IIA or IIB or IIC Compliant Elevators, High Temperature Resistant Flameproof Elevators
- 2) By Intrinsically Safe Type: Low-Voltage Intrinsically Safe Elevators, Signal and Control System Protected Elevators, Spark-Prevention Circuit Elevators, Remote Monitoring Enabled Intrinsically Safe Elevators
- 3) By Increased Safety Type: Overload Protection Enhanced Elevators, Anti-Static Design Elevators, Temperature-Controlled Enclosure Elevators, Electromagnetic Compatibility (EMC) Protected Elevators
- 4) By Dust-Proof Type: Zone 21 Dust-Proof Elevators, Zone 22 Dust-Proof Elevators, Sealed Shaft Dust-Proof Elevators, Stainless Steel Enclosed Dust-Proof Elevators

View the full explosion-proof elevators market report:

<https://www.thebusinessresearchcompany.com/report/explosion-proof-elevators-global-market-report>

Explosion-Proof Elevators Market Regional Insights

In the 2025 Explosion-Proof Elevators Global Market Report, North America ranked as the leading market region in 2024. Asia-Pacific is anticipated to experience the most rapid growth in the projected timeframe. The report incorporates a detailed study of several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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