

# Global Rocket Ground Support Systems Market to Reach \$3.75 Billion at a Steady 8.4% CAGR by 2029

*The Business Research Company's Rocket Ground Support Systems Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

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How Large Will The Rocket Ground Support Systems Market Be By 2025?

In recent times, the [market size for rocket ground support systems](#) has seen a robust growth.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

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The market, valued at \$2.50 billion in 2024, is expected to increase to \$2.71 billion in 2025, witnessing a compound annual growth rate (CAGR) of 8.8%. This growth during the historic period could be ascribed to the expansion of government space programs, a surge in satellite launches, the creation of heavy-lift launches vehicles, a growing military need for strategic launches, and reliance on manual ground systems.

Over the coming years, the rocket ground support systems market is predicted to witness robust growth, eventually

reaching a valuation of \$3.75 billion in 2029, reflecting a compound annual growth rate (CAGR) of 8.4%. Factors fuelling this growth during the projection period include the rise in commercial space missions, the trend towards smaller satellites, the need for reusable rockets, the build-up of private spaceports, and the escalating requirement for quick launch operations. Key developments to watch out for in this timeframe include advancements in automation technology, innovative improvements in launch mount design, the evolution of modular support systems, research advancements in cryogenics, and an increased focus on reusable ground elements.

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### What Are The Major Driving Forces Influencing The Rocket Ground Support Systems Market Landscape?

As the frequency of space missions and satellite deployments continues to rise, it's anticipated that the rocket ground support systems market will similarly experience substantial growth. The impetus for increased space exploration and satellite deployments comes from the desire to send spacecraft and satellites into orbit for a variety of purposes, such as communication, defense, research, and commercial activities. Fueling this growth is a surge in government investment in space programs designed to boost national security and technological prowess. Rocket ground support systems play a crucial role in these developments by providing the necessary infrastructure for fueling, testing, monitoring, and regulating the environment. These support systems are essential for ensuring rockets and their payloads are ready to launch, while also reducing risk and maximizing mission reliability. For instance, the Space Foundation, a nonprofit entity based in the US, reported in January 2024 that global launch activity reached an all-time high for the third straight year with 223 attempts and 212 successful launches, indicating a significant increase. The number of commercial launches soared by 50% in comparison to 2022, and the United States noted a 33% boost in launch attempts. As a result, the accelerating momentum of space missions and satellite deployments is cultivating growth in the rocket ground support systems market.

### Who Are The Top Players In The Rocket Ground Support Systems Market?

Major players in the Rocket Ground Support Systems Global Market Report 2025 include:

- Raytheon Technologies Corporation
- The Boeing Company
- Lockheed Martin Corporation
- Airbus
- General Dynamics
- Northrop Grumman Corporation
- Mitsubishi Heavy Industries Ltd.
- Thales Group
- Moog Inc.
- ArianeGroup

### What Are The Key Trends Shaping The Rocket Ground Support Systems Industry?

Leading firms in the rocket ground support systems market are concentrating their efforts on creating advanced products like automated flame trench and diverter systems to improve the longevity of launch infrastructure and facilitate quick launch turnaround. Automated flame trench and diverter systems, integral parts of launch pad components, are designed to redirect and cool rocket exhaust by using water-cooled steel structures, making liftoffs not only safer but also more efficient. Take for example SpaceX, a US-based commercial space company, that in

May 2025, introduced the Orbital Launch Mount (OLM) for Pad B at their Starbase facility. The new system boasts an advanced flame trench with diverter buckets, integrated water cooling, and a bolstered mount design. These advancements aid in managing heat, protecting the assets on the ground, and promoting quicker reusability for frequent launch operations. Furthermore, the launch mount is engineered to aid the Starship-Super Heavy system, aiming for enhanced pad longevity and rapid launch turnaround. This signifies a significant upgrade for the second orbital launch pad at Starbase.

#### Market Share And Forecast By [Segment In The Global Rocket Ground Support Systems Market](#)

The rocket ground support systems market covered in this report is segmented –

- 1) By Type: Mechanical Systems, Electrical Systems, Fluid Systems, Other Types
- 2) By Component: Launch Platforms, Ground Handling Equipment, Control Systems, Other Components
- 3) By Application: Commercial Space, Military, Government, Other Applications

Subsegments:

- 1) By Mechanical Systems: Launch Mounts And Hold-Down Mechanisms, Flame Deflectors And Trenches, Transporter-Erector Systems, Mobile Service Towers, Access Platforms And Ladders
- 2) By Electrical Systems: Power Distribution Units, Ground Power Units (GPUs), Control Panels And Relay Systems, Monitoring And Safety Systems, Grounding and Lightning Protection Systems
- 3) By Fluid Systems: Propellant Loading Systems, Pressurization And Venting Systems, Water Deluge And Cooling Systems, Pneumatic Supply Systems, Leak Detection And Containment Units
- 4) By Other Types: Communication And Telemetry Systems, Environmental Control Systems (ECS), Fire Detection And Suppression Systems, Navigation And Alignment Systems, Instrumentation And Data Acquisition Systems

View the full rocket ground support systems market report:

<https://www.thebusinessresearchcompany.com/report/rocket-ground-support-systems-global-market-report>

#### Rocket Ground Support Systems Market Regional Insights

In 2024, North America topped the list for the biggest market in rocket ground support systems according to the Global Market Report 2025. It's anticipated that the quickest rate of growth will be seen in the Asia-Pacific region during the forecast period. The report encompasses regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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