

Spacecraft Market By Type (Manned Spacecraft, Unmanned Spacecraft), By End Use (Commercial and Civil, Military): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-12-01 | 280 pages | Allied Market Research

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Report description:

Manned spacecrafts, also known as crewed spacecrafts, are vehicles designed to carry human astronauts into space. These spacecrafts are equipped with life support systems, living quarters, and control systems to ensure the safety and well-being of the crew during space missions. Manned spacecraft enable human spaceflight and exploration capabilities. Current demand is driven largely by the International Space Station requirements along with emerging private space stations. Dragon and Starliner crew capsules are also expanding the market. Suborbital and deep space exploration vehicles support lunar and Mars exploration goals, driving the space tourism industry. Government plans for Mars missions and tech billionaires' desires for private space travel are factors that are driving the development of new manned spacecraft such as SpaceX Starship and Blue Origin New Glenn rockets. Additionally, there are chances for long-term cost and risk reduction through innovative techniques such as autonomous systems and orbital manufacturing, which can increase the addressable markets for manned vehicles.

Unmanned spacecraft, also known as robotic or autonomous spacecraft, are vehicles designed to operate in space without human presence on board. These spacecrafts serve various purposes, including scientific exploration, satellite deployment, and interplanetary missions. The unmanned spacecraft segment encompassing probes, landers, rovers, and cargo models continues dominating spacecraft deliveries serving telecoms, navigation, intelligence gathering, and science goals. A growing number of small satellites, such as CubeSats and nanosats, are being used for IoT connectivity. Reusable orbital transfer vehicles such as SpaceX Starship can dramatically grow small satellite deployment capabilities. On the higher end, complex robotic Mars Sample Return craft and advanced Venus atmosphere probes signal new market opportunities. The commercialization of space, which includes real-time observation and space-based connectivity, contributes to growth of this segment. These developments also lower manufacturing costs through improved production techniques, standardization, and modularity. Higher performance components also enable more functionality. The growing need for highly competent but affordable unmanned spacecraft is expected to support growth of the market.

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The spacecraft market is segmented on the basis of type, end use, region. On the basis of type, the market is divided into manned spacecraft and unmanned spacecraft. On the basis of end use, the market is classified into commercial & civil, and military. On the basis of region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players profiled in the report include SpaceX, Northrop Grumman Corporation, Boeing Company, Airbus, Lockheed Martin Corporation, Sierra Nevada Corporation, Thales, Maxar Technologies, OHB SE, and Blue Origin Enterprises, L.P.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the spacecraft market analysis from 2022 to 2032 to identify the prevailing spacecraft market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the spacecraft market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global spacecraft market trends, key players, market segments, application areas, and market growth strategies.

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Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- SWOT Analysis

Key Market Segments

By Type

- Manned Spacecraft
- Unmanned Spacecraft

By End Use

- Commercial and Civil
- Military

By Region

- North America
- U.S.
- Canada
- Mexico

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- Europe
- Germany
- France
- UK
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Boeing Company
- SpaceX
- Airbus
- OHB SE
- Blue Origin Enterprises, L.P.
- Maxar Technologies
- Northrop Grumman Corporation
- Sierra Nevada Corporation
- Lockheed Martin Corporation
- Thales

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