

Satellite Manufacturing Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Space Economy, Satellites & Propulsion (Aerospace & Defense)
> ****Source:**** <https://www.mordorintelligence.com/industry-reports/global-satellite-manufacturing-market>
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
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Base Market Size	USD 27.22 billion
Projected Forecast (2031)	USD 27.22 billion
Growth Rate (CAGR)	23.01 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Satellite Manufacturing industry](images/chart_2.png)

![Satellite Manufacturing Market Size](images/chart_3.png)

![Satellite Manufacturing Market Share by Application, 2025](images/chart_4.png)

![Satellite Manufacturing Market Share by Orbit Class, 2025](images/chart_5.png)

![Satellite Manufacturing Market Growth Rate by Region](images/chart_6.png)

![Satellite Manufacturing Market Concentration](images/chart_7.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period	2019 - 2031
Market Size (2026)	USD 27.22 Billion
Market Size (2031)	USD 76.65 Billion
Growth Rate (2026 - 2031)	23.01 %
Fastest Growing Market	Asia-Pacific
Largest Market	North America

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Market Overview

Satellite Manufacturing Market Analysis by Mordor Intelligence

The satellite manufacturing market size was valued at USD 24.14 billion in 2025, and is projected to grow from USD 27.22 billion in 2026 to USD 76.65 billion by 2031, registering a CAGR of 23.01% between 2026 and 2031. Production capacity is becoming a central competitive factor as manufacturers work to meet contracted constellation and government-program backlogs. Satellite manufacturing is moving from mission-specific assembly toward standardized production lines that can deliver spacecraft at a higher rate. Commercial constellation programs, government procurement, and demand for Earth observation systems are supporting this shift. Established manufacturers benefit from qualified supply chains, access to testing, and production experience, while smaller suppliers face higher barriers to scaling. Procurement requirements for resilient communications, remote sensing, and sustainable spacecraft design are also shaping the satellite manufacturing market.

Key Report Takeaways

- * By application, communication held 45.25% of the satellite manufacturing market share in 2025, while Earth observation is forecast to grow at a 24.71% CAGR through 2031.
- * By satellite mass, medium satellites accounted for 42.69% of the satellite manufacturing market size in 2025, while small satellites are projected to grow at a 24.52% CAGR through 2031.
- * By orbit class, LEO captured 42.75% of the satellite manufacturing market share in 2025, while MEO is projected to grow at a 24.83% CAGR through 2031.
- * By end user, commercial users held 55.32% of the market in 2025 and are forecast to grow at a 24.91% CAGR through 2031.
- * By geography, North America accounted for 53.77% of the market in 2025, while Asia-Pacific is forecast to grow at a 24.63% CAGR through 2031.

Key Market Trends

Global Satellite Manufacturing Market Trends and InsightsDrivers Impact Analysis*

DRIVER (~) % IMPACT ON CAGR FORECAST GEOGRAPHIC RELEVANCE IMPACT TIMELINE
LEO broadband and constellation deployment 6.5% Global, with the highest concentration in North America and Asia-Pacific Short term (≤ 2 years)
Government and defense space spending 5.0% North America and Europe, with growing spillover to Asia-Pacific and the Middle East and Africa Medium term (2-4 years)
Satellite miniaturization and lower production costs 4.0% Global, led by China, India, and Europe Medium term (2-4 years)
Earth observation and remote-sensing demand 3.0% Global, with regulatory demand in Europe and Asia-Pacific Short term (≤ 2 years)
Factory-scale spacecraft production and standardized platforms 2.0% North America, Europe, and China Medium term (2-4 years)
Orbital sustainability and end-of-life design as procurement differentiators 1.5% Europe, North America, and global programs Long term (≥ 4 years)
Source: Mordor Intelligence

Competitive Landscape

Competitive Landscape

The satellite manufacturing market has a concentrated top tier, with vertically integrated constellation operators producing large volumes for their own networks. Space Exploration Technologies Corp. and Chang Guang Satellite Technology Co. Ltd. are important in unit production, although captive output does not always appear as open-market manufacturing revenue. Airbus SE, The Boeing Company, Lockheed Martin Corporation, Northrop Grumman Corporation, and Thales Alenia Space compete for large government and complex institutional programs. Specialist manufacturers such as OHB SE, ICEYE, GomSpace A/S, Spire Global, Inc., and AAC Clyde Space compete for smaller sovereign constellations and focused mission requirements. The market rewards firms that can combine qualified production, schedule certainty, and payload integration. Large primes retain an advantage in programs that require national security clearances and extensive test evidence.

Production rate is a major part of competitive strategy. Boeing introduced its Resolute mid-class satellite platform in April 2026 and is working toward 26 satellite deliveries during 2026. Airbus secured an order for 340 additional Eutelsat OneWeb satellites, supporting production at its Toulouse facility. Spire Global opened a Munich manufacturing facility in June 2026, adding capacity to its production network in Boulder, Glasgow, and Munich. These moves show that manufacturers are investing in repeatable facilities rather than relying only on bespoke assembly. They also show why component availability, access to testing, and quality management are central to competition.

In-space servicing is becoming an adjacent area that could affect replacement demand for some GEO spacecraft. Northrop Grumman launched its Mission Robotic Vehicle and 3 Mission Extension Pods in July 2026. The platform can inspect, relocate, repair, and assemble systems in space. This can extend the useful life of certain satellites and create a recurring services model. Sovereign mini-constellations remain an opportunity because they can require domestic manufacturing and mission-specific capability. Licensing, ITU coordination, and national security rules continue to affect the timing of new constellation programs.

Satellite Manufacturing Industry Leaders* Airbus SE

- * Space Exploration Technologies Corp.
- * Chang Guang Satellite Technology Co., Ltd.
- * Thales Alenia Space
- * OHB SE

* *Disclaimer: Major Players sorted in no particular order
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Component Component 3 Scope Of The Report Bottom

Global Satellite Manufacturing Market Report Scope The satellite manufacturing market includes the design, engineering, production, assembly, integration, and testing of satellites and their major subsystems for deployment in Earth orbit or beyond. It covers the manufacture of satellite platforms/buses, payloads, propulsion systems, power systems, thermal and structural components, avionics, communication systems, and other spacecraft subsystems.

The satellite manufacturing market is segmented by application, satellite mass, orbit class, end user, and geography. By application, the market is segmented by communication, Earth observation, navigation, space observation, and others. By satellite mass, the market is segmented into small, medium, and large. By orbit

class, the market is segmented into low Earth orbit (LEO), medium Earth orbit (MEO), and geostationary orbit (GEO). By end user, the market is segmented into commercial, government and civil, and military. The report also covers the market sizes and forecasts for the satellite manufacturing market in major countries across different regions. For each segment, the market size is provided in terms of value (USD).

By ApplicationCommunication |
Earth Observation |
Navigation |
Space Observation |
Others |

Segmentation Accordion Item

By GeographyNorth America | United States |
| Canada |
| Mexico |
Europe | United Kingdom |
| France |
| Germany |
| Russia |
| Rest of Europe |
Asia-Pacific | China |
| India |
| Japan |
| Australia |
| South Korea |
| Rest of Asia-Pacific |
South America | Brazil |
| Rest of South America |
| |
Middle East and Africa | Middle East | Saudi Arabia |
| | United Arab Emirates |
| | Rest of Middle East |
| |
| Africa | South Africa |
| | Rest of Africa |

Frequently Asked Questions

What is the projected value of the satellite manufacturing market by 2031?

The satellite manufacturing market is projected to reach USD 76.65 billion by 2031, from USD 27.22 billion in 2026, at a 23.01% CAGR through 2031.

Which application is the largest in satellite manufacturing?

Communication was the largest application segment, holding 45.25% of the market in 2025.

Which satellite mass category is growing fastest?

Small satellites are forecast to grow at a 24.52% CAGR through 2031, supported by remote-sensing and intelligence missions.

Why is North America important for satellite production?

North America held 53.77% of the market in 2025, supported by established manufacturers, constellation operators, and government procurement.

What is driving demand for Earth observation spacecraft?

Government and commercial demand for optical, radar, hyperspectral, and RF data is increasing the need for capable Earth observation systems.

How do testing and component shortages affect spacecraft makers?

Testing capacity, qualified radiation-tolerant electronics, licensing, and frequency coordination can delay production schedules and raise entry barriers.