

**Additive Manufacturing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Technology (Stereolithography, Fused Deposition Modelling, Laser Sintering and Others), By Material (Plastic, Metals and Ceramics), By End-User (Aerospace & Defense, Automotive, Healthcare, Industrial and Others), By Region, and By Competition, 2020-2030F**

Market Report | 2025-11-27 | 186 pages | TechSci Research

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**Report description:**

**Market Overview**

The Global Additive Manufacturing Market, valued at USD 77.10 Billion in 2024, is projected to experience a CAGR of 23.02% to reach USD 267.24 Billion by 2030. Additive manufacturing (AM), commonly known as 3D printing, encompasses a suite of technologies that fabricate three-dimensional objects layer by layer from digital models. Key market drivers include the increasing demand for customized parts, the ability to produce complex geometries not achievable with traditional manufacturing methods, and the drive for shorter lead times in product development and localized production.

**Key Market Drivers**

Technological advancements in printing processes and equipment represent a foundational driver for the global additive manufacturing market. Continuous innovation in areas such as multi-laser systems, enhanced optics, and improved real-time monitoring capabilities directly contributes to increased productivity, greater precision, and expanded material compatibility. These improvements enable the production of more complex geometries and higher volumes with superior quality, making additive manufacturing a more viable solution for end-use parts. For instance, according to 3D Printing Industry, in June 2024, in its article "EOS at Rapid + TCT: Offering All the Components of High-Productivity Metal 3D Printing", Nordic-based 3D printing service company AMEXCI reported a 76% reduction in cost-per-part for a specific application when utilizing the new EOS M 290-2 with its dual-laser technology, demonstrating the tangible economic benefits of such advancements.

**Key Market Challenges**

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The substantial initial investment required for advanced additive manufacturing systems, alongside the ongoing costs and complexities of post-processing, represents a significant challenging factor for the global market. This high financial barrier directly impedes market expansion by discouraging potential new entrants and smaller businesses from adopting these technologies. The considerable capital expenditure for machinery, combined with the necessity for specialized equipment and skilled personnel for post-processing to achieve desired part quality and surface finishes, creates a substantial and continuous financial burden.

#### Key Market Trends

The expansion of high-performance material portfolios represents a critical trend shaping the global additive manufacturing market. This involves the continuous development of advanced polymers, metals, and composites that possess enhanced mechanical properties, thermal resistance, and durability, enabling additive manufacturing to address more demanding applications across diverse industries. According to the Wohlers Report 2025, powered by ASTM International, published in March 2025, the global additive manufacturing industry's material sector demonstrated growth, indicating further industry adoption. The availability of these specialized materials allows manufacturers to produce functional end-use parts that meet stringent industry standards.

#### Key Market Players

- [ ] 3D Systems Corporation
- [ ] General Electric Company
- [ ] EnvisionTEC GmbH
- [ ] EOS GmbH
- [ ] Exone Operating, LLC
- [ ] Mcor Technologies Ltd
- [ ] Materialise NV
- [ ] Optomec Inc.
- [ ] Stratasys Ltd
- [ ] SLM Solutions Group AG

#### Report Scope:

In this report, the Global Additive Manufacturing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### - [ ] Additive Manufacturing Market, By Technology:

- o Stereolithography
- o Fused Deposition Modelling
- o Laser Sintering
- o Others

#### - [ ] Additive Manufacturing Market, By Material:

- o Plastic
- o Metals
- o Ceramics

#### - [ ] Additive Manufacturing Market, By End-User:

- o Aerospace & Defense
- o Automotive
- o Healthcare
- o Industrial
- o Others

#### - [ ] Additive Manufacturing Market, By Region:

- o North America
  - [ ] United States
  - [ ] Canada

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- Argentina
- Colombia
- o Middle East & Africa
- South Africa
- Saudi Arabia
- UAE

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Additive Manufacturing Market.

Available Customizations:

Global Additive Manufacturing Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□ Detailed analysis and profiling of additional market players (up to five).

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