

India Aerospace Parts Manufacturing Market Size, Share & Trends Analysis Report By Product (Engine, Aircrafts Manufacturing), By Aircraft (Commercial, Business), And Segment Forecasts, 2024 - 2030

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Abstracts

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India Aerospace Parts Manufacturing Market Growth & Trends

The India aerospace parts manufacturing market size is anticipated to reach USD 21.48 billion by 2030 and is expected to expand at a CAGR of 6.8% from 2024 to 2030, according to a new report by Grand View Research, Inc. The emphasis on self-reliance in the defense sector in India has led to a significant push towards indigenous manufacturing of aerospace components tailored for defense applications.

This strategic focus aims to reduce foreign suppliers' dependency on critical defense equipment and technology, thereby enhancing national security and sovereignty. As a result, the aerospace parts manufacturing sector has experienced a substantial boost, with increased investments in research and development, technological capabilities, and production infrastructure. Collaboration between defense establishments, private aerospace companies, and academic institutions has further accelerated innovation in designing and manufacturing aerospace components optimized for defense requirements.

India Aerospace Parts Manufacturing Market Report Highlights

Based on product, the aircrafts segment held the largest market share of 51.2% in 2023. The rise in air travel demand for commercial and private purposes has

increased the demand for aircraft segment.

Avionics is expected to grow at the fastest CAGR over the forecast period. Avionics technology continues to evolve rapidly, with innovations such as advanced flight management systems, improved communication systems, more efficient navigation tools (like GPS and ADS-B), and enhanced cockpit displays. These advancements drive demand as airlines and aircraft operators seek to upgrade their avionics for improved safety, efficiency, and regulatory compliance.

Based on aircraft, the commercial segment held the largest market share. Innovations in aircraft design, materials, engines, and avionics have led to more advanced and efficient commercial aircraft development.

The business segment is expected to grow at the fastest CAGR in the forecast period. Business aircraft provide enhanced security and confidentiality, which is crucial for high-profile executives, government officials, and VIPs. The ability to control who has access to the aircraft and avoid public terminals contributes to the attractiveness of business aviation.

In February 2024, Airbus strategically partnered with Dynamatic Technologies to manufacture A220 aircraft doors in India, marking a significant development in the aviation industry. This partnership signifies Airbus' commitment to enhancing its presence in India's aerospace sector while leveraging Dynamatic Technologies' expertise in precision engineering and advanced manufacturing capabilities. By localizing the production of A220 aircraft doors in India, Airbus aims to strengthen its supply chain resilience, reduce costs, and tap into India's growing aviation market.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
 - 1.3.1. Purchased Database
 - 1.3.2. GVR's Internal Database
 - 1.3.3. Secondary Sources & Third-Party Perspectives
 - 1.3.4. Primary Research
- 1.4. Information Analysis
 - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Segment Snapshot
- 2.3. Competitive Landscape Snapshot

CHAPTER 3. INDIA AEROSPACE PARTS MANUFACTURING MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Parent Market Outlook
 - 3.1.2. Related Market Outlook
- 3.2. Industry Value Chain Analysis
 - 3.2.1. Distribution Channel Analysis
 - 3.2.2. Raw Material Trends
 - 3.2.3. Technological Overview
- 3.3. Regulatory Framework
- 3.4. Market Dynamics
 - 3.4.1. Market Driver Analysis
 - 3.4.2. Market Restraint Analysis
 - 3.4.3. Industry Challenges
 - 3.4.4. Industry Opportunities
- 3.5. Industry Analysis Tools

- 3.5.1. Porter's Five Forces Analysis
- 3.5.2. Macro-environmental Analysis

CHAPTER 4. INDIA AEROSPACE PARTS MANUFACTURING MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Product Analysis & Market Share, 2023 & 2030
- 4.2. India Aerospace Parts Manufacturing Market Estimates & Forecast, By Product, 2018 to 2030 (USD Billion)
- 4.3. Engine
 - 4.3.1. Engine Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 4.4. Aircrafts Manufacturing
 - 4.4.1. Aircrafts Manufacturing Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 4.5. Cabin Interiors
 - 4.5.1. Cabin Interiors Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 4.6. Equipment, Safety & Support
 - 4.6.1. Equipment, Safety & Support Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 4.7. Avionics
 - 4.7.1. Avionics Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 4.8. Insulation Components
 - 4.8.1. Insulation Components Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 5. INDIA AEROSPACE PARTS MANUFACTURING MARKET: AIRCRAFT ESTIMATES & TREND ANALYSIS

- 5.1. Aircraft Analysis & Market Share, 2023 & 2030
- 5.2. India Aerospace Parts Manufacturing Market Estimates & Forecast, By Aircraft, 2018 to 2030 (USD Billion)
- 5.3. Commercial
 - 5.3.1. Commercial Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 5.4. Business
 - 5.4.1. Business Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 5.5. Military
 - 5.5.1. Military Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

5.6. Others

5.6.1. Others Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 6. INDIA AEROSPACE PARTS MANUFACTURING MARKET - COMPETITIVE LANDSCAPE

6.1. Recent Developments & Impact Analysis, By Key Market Participants

6.2. Company Categorization

6.3. Company Heat Map/Position Analysis, 2023

6.4. Strategy Mapping

6.4.1. Expansion

6.4.2. Mergers & Acquisition

6.4.3. Partnerships & Collaborations

6.4.4. New Product Launches

6.4.5. Research And Development

6.5. Company Profiles

6.5.1. Aequs Private Limited

6.5.1.1. Participant's overview

6.5.1.2. Financial performance

6.5.1.3. Product benchmarking

6.5.1.4. Recent developments

6.5.2. Aeron Systems Private Limited

6.5.2.1. Participant's overview

6.5.2.2. Financial performance

6.5.2.3. Product benchmarking

6.5.2.4. Recent developments

6.5.3. ALPHA DESIGN TECHNOLOGIES PVT LTD

6.5.3.1. Participant's overview

6.5.3.2. Financial performance

6.5.3.3. Product benchmarking

6.5.3.4. Recent developments

6.5.4. avantel limited

6.5.4.1. Participant's overview

6.5.4.2. Financial performance

6.5.4.3. Product benchmarking

6.5.4.4. Recent developments

6.5.5. Bharat Electronics Limited (BEL)

6.5.5.1. Participant's overview

6.5.5.2. Financial performance

- 6.5.5.3. Product benchmarking
- 6.5.5.4. Recent developments
- 6.5.6. Dynamatic Technologies Limited
 - 6.5.6.1. Participant's overview
 - 6.5.6.2. Financial performance
 - 6.5.6.3. Product benchmarking
 - 6.5.6.4. Recent developments
- 6.5.7. Godrej.com
 - 6.5.7.1. Participant's overview
 - 6.5.7.2. Financial performance
 - 6.5.7.3. Product benchmarking
 - 6.5.7.4. Recent developments
- 6.5.8. Hindustan Aeronautics Limited (HAL)
 - 6.5.8.1. Participant's overview
 - 6.5.8.2. Financial performance
 - 6.5.8.3. Product benchmarking
 - 6.5.8.4. Recent developments
- 6.5.9. L&T Technology Services Limited
 - 6.5.9.1. Participant's overview
 - 6.5.9.2. Financial performance
 - 6.5.9.3. Product benchmarking
 - 6.5.9.4. Recent developments
- 6.5.10. Tata Advanced Systems Limited
 - 6.5.10.1. Participant's overview
 - 6.5.10.2. Financial performance
 - 6.5.10.3. Product benchmarking
 - 6.5.10.4. Recent developments

List Of Tables

LIST OF TABLES

Table 1 List of Abbreviations

Table 2 India Aerospace Parts Manufacturing Market 2018 - 2030 (USD Billion)

Table 3 India Aerospace Parts Manufacturing Market Estimates and Forecasts by Product, 2018 - 2030 (USD Billion)

Table 4 India Aerospace Parts Manufacturing Market Estimates and Forecasts by Aircraft, 2018 - 2030 (USD Billion)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market Research Process
- Fig. 2 Data Triangulation Techniques
- Fig. 3 Primary Research Pattern
- Fig. 4 Market Research Approaches
- Fig. 5 QFD Modeling for Market Share Assessment
- Fig. 6 Information Procurement
- Fig. 7 Market Formulation and Validation
- Fig. 8 Data Validating & Publishing
- Fig. 9 Market Segmentation & Scope
- Fig. 10 India Aerospace Parts Manufacturing Market Snapshot
- Fig. 11 Segment Snapshot (1/2)
- Fig. 12 Segment Snapshot (1/2)
- Fig. 13 Competitive Landscape Snapshot
- Fig. 14 Parent Market Outlook
- Fig. 15 India Aerospace Parts Manufacturing Market Value, 2023 (USD Billion)
- Fig. 16 India Aerospace Parts Manufacturing Market - Value Chain Analysis
- Fig. 17 India Aerospace Parts Manufacturing Market - Price Trend Analysis 2018 - 2030
- Fig. 18 India Aerospace Parts Manufacturing Market - Market Dynamics
- Fig. 19 India Aerospace Parts Manufacturing Market - Porter's Five Forces Analysis
- Fig. 20 India Aerospace Parts Manufacturing Market - PESTEL Analysis
- Fig. 21 India Aerospace Parts Manufacturing Market Estimates & Forecasts, by Product: Key Takeaways
- Fig. 22 India Aerospace Parts Manufacturing Market Share, by Product, 2022 & 2030
- Fig. 23 Engine Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 24 Aircrafts Manufacturing Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 25 Cabin Interiors Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 26 Equipment, Safety & Support Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 27 Avionics Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 28 Insulation Components Market Estimates & Forecasts, 2018 - 2030 (USD Billion)
- Fig. 29 India Aerospace Parts Manufacturing Market Estimates & Forecasts, by Aircraft: Key Takeaways

Fig. 30 India Aerospace Parts Manufacturing Market Share, by Aircraft, 2023 & 2030

Fig. 31 Commercial India Aerospace Parts Manufacturing Market Estimates & Forecasts, 2018 - 2030 (USD Billion)

Fig. 32 Business India Aerospace Parts Manufacturing Market Estimates & Forecasts, 2018 - 2030 (USD Billion)

Fig. 33 Military India Aerospace Parts Manufacturing Market Estimates & Forecasts, 2018 - 2030 (USD Billion)

Fig. 34 Others India Aerospace Parts Manufacturing Market Estimates & Forecasts, 2018 - 2030 (USD Billion)

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