

Global ATL and AFP Machine for Aerospace Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global ATL and AFP Machine for Aerospace market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automated tape laying (ATL) is one of the most well-established automated manufacturing techniques for composites. Wide unidirectional tapes are laid onto a part mould using a loaded roller system with varying degrees of articulation, depending on the complexity of the part being manufactured.

Automated fiber placement (AFP), also known as advanced fiber placement, is an advanced method of manufacturing composite materials. These materials, which offer lighter weight with equivalent or greater strength than metals, are increasingly used in airframes and other industrial products.

The Global Info Research report includes an overview of the development of the ATL and AFP Machine for Aerospace industry chain, the market status of Civil Aviation (Automated Fiber Placement (AFP) Machine, Automated Tape Laying (ATL) Machine), Military Aviation (Automated Fiber Placement (AFP) Machine, Automated Tape Laying (ATL) Machine), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of ATL and AFP Machine for Aerospace.

Regionally, the report analyzes the ATL and AFP Machine for Aerospace markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly

China, leads the global ATL and AFP Machine for Aerospace market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the ATL and AFP Machine for Aerospace market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the ATL and AFP Machine for Aerospace industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Automated Fiber Placement (AFP) Machine, Automated Tape Laying (ATL) Machine).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the ATL and AFP Machine for Aerospace market.

Regional Analysis: The report involves examining the ATL and AFP Machine for Aerospace market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the ATL and AFP Machine for Aerospace market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to ATL and AFP Machine for Aerospace:

Company Analysis: Report covers individual ATL and AFP Machine for Aerospace manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios,

partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards ATL and AFP Machine for Aerospace. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Civil Aviation, Military Aviation).

Technology Analysis: Report covers specific technologies relevant to ATL and AFP Machine for Aerospace. It assesses the current state, advancements, and potential future developments in ATL and AFP Machine for Aerospace areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the ATL and AFP Machine for Aerospace market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

ATL and AFP Machine for Aerospace market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Automated Fiber Placement (AFP) Machine

Automated Tape Laying (ATL) Machine

Hybrid ATL-AFP Machine

Market segment by Application

Civil Aviation

Military Aviation

Major players covered

Fives Group

Ingersoll Machine Tools

MTorres

Coriolis

Mikrosam

Trelleborg

Electroimpact

Broetje-Automation

COMAC

Shanghai Electric

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe ATL and AFP Machine for Aerospace product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of ATL and AFP Machine for Aerospace, with price, sales, revenue and global market share of ATL and AFP Machine for Aerospace from 2019 to 2024.

Chapter 3, the ATL and AFP Machine for Aerospace competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the ATL and AFP Machine for Aerospace breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and ATL and AFP Machine for Aerospace market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of ATL and AFP Machine for Aerospace.

Chapter 14 and 15, to describe ATL and AFP Machine for Aerospace sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of ATL and AFP Machine for Aerospace
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global ATL and AFP Machine for Aerospace Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Automated Fiber Placement (AFP) Machine
 - 1.3.3 Automated Tape Laying (ATL) Machine
 - 1.3.4 Hybrid ATL-AFP Machine
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global ATL and AFP Machine for Aerospace Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Civil Aviation
 - 1.4.3 Military Aviation
- 1.5 Global ATL and AFP Machine for Aerospace Market Size & Forecast
 - 1.5.1 Global ATL and AFP Machine for Aerospace Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global ATL and AFP Machine for Aerospace Sales Quantity (2019-2030)
 - 1.5.3 Global ATL and AFP Machine for Aerospace Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Fives Group
 - 2.1.1 Fives Group Details
 - 2.1.2 Fives Group Major Business
 - 2.1.3 Fives Group ATL and AFP Machine for Aerospace Product and Services
 - 2.1.4 Fives Group ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Fives Group Recent Developments/Updates
- 2.2 Ingersoll Machine Tools
 - 2.2.1 Ingersoll Machine Tools Details
 - 2.2.2 Ingersoll Machine Tools Major Business
 - 2.2.3 Ingersoll Machine Tools ATL and AFP Machine for Aerospace Product and Services
 - 2.2.4 Ingersoll Machine Tools ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Ingersoll Machine Tools Recent Developments/Updates
- 2.3 MTorres
 - 2.3.1 MTorres Details
 - 2.3.2 MTorres Major Business
 - 2.3.3 MTorres ATL and AFP Machine for Aerospace Product and Services
 - 2.3.4 MTorres ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 MTorres Recent Developments/Updates
- 2.4 Coriolis
 - 2.4.1 Coriolis Details
 - 2.4.2 Coriolis Major Business
 - 2.4.3 Coriolis ATL and AFP Machine for Aerospace Product and Services
 - 2.4.4 Coriolis ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Coriolis Recent Developments/Updates
- 2.5 Mikrosam
 - 2.5.1 Mikrosam Details
 - 2.5.2 Mikrosam Major Business
 - 2.5.3 Mikrosam ATL and AFP Machine for Aerospace Product and Services
 - 2.5.4 Mikrosam ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Mikrosam Recent Developments/Updates
- 2.6 Trelleborg
 - 2.6.1 Trelleborg Details
 - 2.6.2 Trelleborg Major Business
 - 2.6.3 Trelleborg ATL and AFP Machine for Aerospace Product and Services
 - 2.6.4 Trelleborg ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Trelleborg Recent Developments/Updates
- 2.7 Electroimpact
 - 2.7.1 Electroimpact Details
 - 2.7.2 Electroimpact Major Business
 - 2.7.3 Electroimpact ATL and AFP Machine for Aerospace Product and Services
 - 2.7.4 Electroimpact ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Electroimpact Recent Developments/Updates
- 2.8 Broetje-Automation
 - 2.8.1 Broetje-Automation Details
 - 2.8.2 Broetje-Automation Major Business

- 2.8.3 Broetje-Automation ATL and AFP Machine for Aerospace Product and Services
- 2.8.4 Broetje-Automation ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Broetje-Automation Recent Developments/Updates
- 2.9 COMAC
 - 2.9.1 COMAC Details
 - 2.9.2 COMAC Major Business
 - 2.9.3 COMAC ATL and AFP Machine for Aerospace Product and Services
 - 2.9.4 COMAC ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 COMAC Recent Developments/Updates
- 2.10 Shanghai Electric
 - 2.10.1 Shanghai Electric Details
 - 2.10.2 Shanghai Electric Major Business
 - 2.10.3 Shanghai Electric ATL and AFP Machine for Aerospace Product and Services
 - 2.10.4 Shanghai Electric ATL and AFP Machine for Aerospace Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Shanghai Electric Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ATL AND AFP MACHINE FOR AEROSPACE BY MANUFACTURER

- 3.1 Global ATL and AFP Machine for Aerospace Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global ATL and AFP Machine for Aerospace Revenue by Manufacturer (2019-2024)
- 3.3 Global ATL and AFP Machine for Aerospace Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of ATL and AFP Machine for Aerospace by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 ATL and AFP Machine for Aerospace Manufacturer Market Share in 2023
 - 3.4.2 Top 6 ATL and AFP Machine for Aerospace Manufacturer Market Share in 2023
- 3.5 ATL and AFP Machine for Aerospace Market: Overall Company Footprint Analysis
 - 3.5.1 ATL and AFP Machine for Aerospace Market: Region Footprint
 - 3.5.2 ATL and AFP Machine for Aerospace Market: Company Product Type Footprint
 - 3.5.3 ATL and AFP Machine for Aerospace Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global ATL and AFP Machine for Aerospace Market Size by Region

4.1.1 Global ATL and AFP Machine for Aerospace Sales Quantity by Region
(2019-2030)

4.1.2 Global ATL and AFP Machine for Aerospace Consumption Value by Region
(2019-2030)

4.1.3 Global ATL and AFP Machine for Aerospace Average Price by Region
(2019-2030)

4.2 North America ATL and AFP Machine for Aerospace Consumption Value
(2019-2030)

4.3 Europe ATL and AFP Machine for Aerospace Consumption Value (2019-2030)

4.4 Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value (2019-2030)

4.5 South America ATL and AFP Machine for Aerospace Consumption Value
(2019-2030)

4.6 Middle East and Africa ATL and AFP Machine for Aerospace Consumption Value
(2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2030)

5.2 Global ATL and AFP Machine for Aerospace Consumption Value by Type
(2019-2030)

5.3 Global ATL and AFP Machine for Aerospace Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global ATL and AFP Machine for Aerospace Sales Quantity by Application
(2019-2030)

6.2 Global ATL and AFP Machine for Aerospace Consumption Value by Application
(2019-2030)

6.3 Global ATL and AFP Machine for Aerospace Average Price by Application
(2019-2030)

7 NORTH AMERICA

7.1 North America ATL and AFP Machine for Aerospace Sales Quantity by Type
(2019-2030)

7.2 North America ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2030)

7.3 North America ATL and AFP Machine for Aerospace Market Size by Country

7.3.1 North America ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2030)

7.3.2 North America ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2030)

8.2 Europe ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2030)

8.3 Europe ATL and AFP Machine for Aerospace Market Size by Country

8.3.1 Europe ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2030)

8.3.2 Europe ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific ATL and AFP Machine for Aerospace Market Size by Region

9.3.1 Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

- 9.3.4 Japan Market Size and Forecast (2019-2030)
- 9.3.5 Korea Market Size and Forecast (2019-2030)
- 9.3.6 India Market Size and Forecast (2019-2030)
- 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
- 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2030)
- 10.2 South America ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2030)
- 10.3 South America ATL and AFP Machine for Aerospace Market Size by Country
 - 10.3.1 South America ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2030)
 - 10.3.2 South America ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa ATL and AFP Machine for Aerospace Market Size by Country
 - 11.3.1 Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 ATL and AFP Machine for Aerospace Market Drivers

12.2 ATL and AFP Machine for Aerospace Market Restraints

12.3 ATL and AFP Machine for Aerospace Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of ATL and AFP Machine for Aerospace and Key Manufacturers

13.2 Manufacturing Costs Percentage of ATL and AFP Machine for Aerospace

13.3 ATL and AFP Machine for Aerospace Production Process

13.4 ATL and AFP Machine for Aerospace Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 ATL and AFP Machine for Aerospace Typical Distributors

14.3 ATL and AFP Machine for Aerospace Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global ATL and AFP Machine for Aerospace Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global ATL and AFP Machine for Aerospace Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Fives Group Basic Information, Manufacturing Base and Competitors

Table 4. Fives Group Major Business

Table 5. Fives Group ATL and AFP Machine for Aerospace Product and Services

Table 6. Fives Group ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Fives Group Recent Developments/Updates

Table 8. Ingersoll Machine Tools Basic Information, Manufacturing Base and Competitors

Table 9. Ingersoll Machine Tools Major Business

Table 10. Ingersoll Machine Tools ATL and AFP Machine for Aerospace Product and Services

Table 11. Ingersoll Machine Tools ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Ingersoll Machine Tools Recent Developments/Updates

Table 13. MTorres Basic Information, Manufacturing Base and Competitors

Table 14. MTorres Major Business

Table 15. MTorres ATL and AFP Machine for Aerospace Product and Services

Table 16. MTorres ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. MTorres Recent Developments/Updates

Table 18. Coriolis Basic Information, Manufacturing Base and Competitors

Table 19. Coriolis Major Business

Table 20. Coriolis ATL and AFP Machine for Aerospace Product and Services

Table 21. Coriolis ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Coriolis Recent Developments/Updates

Table 23. Mikrosam Basic Information, Manufacturing Base and Competitors

Table 24. Mikrosam Major Business

Table 25. Mikrosam ATL and AFP Machine for Aerospace Product and Services

Table 26. Mikrosam ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Mikrosam Recent Developments/Updates

Table 28. Trelleborg Basic Information, Manufacturing Base and Competitors

Table 29. Trelleborg Major Business

Table 30. Trelleborg ATL and AFP Machine for Aerospace Product and Services

Table 31. Trelleborg ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Trelleborg Recent Developments/Updates

Table 33. Electroimpact Basic Information, Manufacturing Base and Competitors

Table 34. Electroimpact Major Business

Table 35. Electroimpact ATL and AFP Machine for Aerospace Product and Services

Table 36. Electroimpact ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Electroimpact Recent Developments/Updates

Table 38. Broetje-Automation Basic Information, Manufacturing Base and Competitors

Table 39. Broetje-Automation Major Business

Table 40. Broetje-Automation ATL and AFP Machine for Aerospace Product and Services

Table 41. Broetje-Automation ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Broetje-Automation Recent Developments/Updates

Table 43. COMAC Basic Information, Manufacturing Base and Competitors

Table 44. COMAC Major Business

Table 45. COMAC ATL and AFP Machine for Aerospace Product and Services

Table 46. COMAC ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. COMAC Recent Developments/Updates

Table 48. Shanghai Electric Basic Information, Manufacturing Base and Competitors

Table 49. Shanghai Electric Major Business

Table 50. Shanghai Electric ATL and AFP Machine for Aerospace Product and Services

Table 51. Shanghai Electric ATL and AFP Machine for Aerospace Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market

Share (2019-2024)

Table 52. Shanghai Electric Recent Developments/Updates

Table 53. Global ATL and AFP Machine for Aerospace Sales Quantity by Manufacturer (2019-2024) & (Units)

Table 54. Global ATL and AFP Machine for Aerospace Revenue by Manufacturer (2019-2024) & (USD Million)

Table 55. Global ATL and AFP Machine for Aerospace Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 56. Market Position of Manufacturers in ATL and AFP Machine for Aerospace, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 57. Head Office and ATL and AFP Machine for Aerospace Production Site of Key Manufacturer

Table 58. ATL and AFP Machine for Aerospace Market: Company Product Type Footprint

Table 59. ATL and AFP Machine for Aerospace Market: Company Product Application Footprint

Table 60. ATL and AFP Machine for Aerospace New Market Entrants and Barriers to Market Entry

Table 61. ATL and AFP Machine for Aerospace Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global ATL and AFP Machine for Aerospace Sales Quantity by Region (2019-2024) & (Units)

Table 63. Global ATL and AFP Machine for Aerospace Sales Quantity by Region (2025-2030) & (Units)

Table 64. Global ATL and AFP Machine for Aerospace Consumption Value by Region (2019-2024) & (USD Million)

Table 65. Global ATL and AFP Machine for Aerospace Consumption Value by Region (2025-2030) & (USD Million)

Table 66. Global ATL and AFP Machine for Aerospace Average Price by Region (2019-2024) & (US\$/Unit)

Table 67. Global ATL and AFP Machine for Aerospace Average Price by Region (2025-2030) & (US\$/Unit)

Table 68. Global ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 69. Global ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 70. Global ATL and AFP Machine for Aerospace Consumption Value by Type (2019-2024) & (USD Million)

Table 71. Global ATL and AFP Machine for Aerospace Consumption Value by Type

(2025-2030) & (USD Million)

Table 72. Global ATL and AFP Machine for Aerospace Average Price by Type (2019-2024) & (US\$/Unit)

Table 73. Global ATL and AFP Machine for Aerospace Average Price by Type (2025-2030) & (US\$/Unit)

Table 74. Global ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 75. Global ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 76. Global ATL and AFP Machine for Aerospace Consumption Value by Application (2019-2024) & (USD Million)

Table 77. Global ATL and AFP Machine for Aerospace Consumption Value by Application (2025-2030) & (USD Million)

Table 78. Global ATL and AFP Machine for Aerospace Average Price by Application (2019-2024) & (US\$/Unit)

Table 79. Global ATL and AFP Machine for Aerospace Average Price by Application (2025-2030) & (US\$/Unit)

Table 80. North America ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 81. North America ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 82. North America ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 83. North America ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 84. North America ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2024) & (Units)

Table 85. North America ATL and AFP Machine for Aerospace Sales Quantity by Country (2025-2030) & (Units)

Table 86. North America ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2024) & (USD Million)

Table 87. North America ATL and AFP Machine for Aerospace Consumption Value by Country (2025-2030) & (USD Million)

Table 88. Europe ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 89. Europe ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 90. Europe ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 91. Europe ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 92. Europe ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2024) & (Units)

Table 93. Europe ATL and AFP Machine for Aerospace Sales Quantity by Country (2025-2030) & (Units)

Table 94. Europe ATL and AFP Machine for Aerospace Consumption Value by Country (2019-2024) & (USD Million)

Table 95. Europe ATL and AFP Machine for Aerospace Consumption Value by Country (2025-2030) & (USD Million)

Table 96. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 97. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 98. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 99. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 100. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Region (2019-2024) & (Units)

Table 101. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity by Region (2025-2030) & (Units)

Table 102. Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value by Region (2019-2024) & (USD Million)

Table 103. Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value by Region (2025-2030) & (USD Million)

Table 104. South America ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 105. South America ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 106. South America ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 107. South America ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 108. South America ATL and AFP Machine for Aerospace Sales Quantity by Country (2019-2024) & (Units)

Table 109. South America ATL and AFP Machine for Aerospace Sales Quantity by Country (2025-2030) & (Units)

Table 110. South America ATL and AFP Machine for Aerospace Consumption Value by

Country (2019-2024) & (USD Million)

Table 111. South America ATL and AFP Machine for Aerospace Consumption Value by Country (2025-2030) & (USD Million)

Table 112. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Type (2019-2024) & (Units)

Table 113. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Type (2025-2030) & (Units)

Table 114. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Application (2019-2024) & (Units)

Table 115. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Application (2025-2030) & (Units)

Table 116. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Region (2019-2024) & (Units)

Table 117. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity by Region (2025-2030) & (Units)

Table 118. Middle East & Africa ATL and AFP Machine for Aerospace Consumption Value by Region (2019-2024) & (USD Million)

Table 119. Middle East & Africa ATL and AFP Machine for Aerospace Consumption Value by Region (2025-2030) & (USD Million)

Table 120. ATL and AFP Machine for Aerospace Raw Material

Table 121. Key Manufacturers of ATL and AFP Machine for Aerospace Raw Materials

Table 122. ATL and AFP Machine for Aerospace Typical Distributors

Table 123. ATL and AFP Machine for Aerospace Typical Customers

LIST OF FIGURE

s

Figure 1. ATL and AFP Machine for Aerospace Picture

Figure 2. Global ATL and AFP Machine for Aerospace Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Type in 2023

Figure 4. Automated Fiber Placement (AFP) Machine Examples

Figure 5. Automated Tape Laying (ATL) Machine Examples

Figure 6. Hybrid ATL-AFP Machine Examples

Figure 7. Global ATL and AFP Machine for Aerospace Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Application in 2023

Figure 9. Civil Aviation Examples

Figure 10. Military Aviation Examples

Figure 11. Global ATL and AFP Machine for Aerospace Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 12. Global ATL and AFP Machine for Aerospace Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 13. Global ATL and AFP Machine for Aerospace Sales Quantity (2019-2030) & (Units)

Figure 14. Global ATL and AFP Machine for Aerospace Average Price (2019-2030) & (US\$/Unit)

Figure 15. Global ATL and AFP Machine for Aerospace Sales Quantity Market Share by Manufacturer in 2023

Figure 16. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Manufacturer in 2023

Figure 17. Producer Shipments of ATL and AFP Machine for Aerospace by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 18. Top 3 ATL and AFP Machine for Aerospace Manufacturer (Consumption Value) Market Share in 2023

Figure 19. Top 6 ATL and AFP Machine for Aerospace Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Global ATL and AFP Machine for Aerospace Sales Quantity Market Share by Region (2019-2030)

Figure 21. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Region (2019-2030)

Figure 22. North America ATL and AFP Machine for Aerospace Consumption Value (2019-2030) & (USD Million)

Figure 23. Europe ATL and AFP Machine for Aerospace Consumption Value (2019-2030) & (USD Million)

Figure 24. Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value (2019-2030) & (USD Million)

Figure 25. South America ATL and AFP Machine for Aerospace Consumption Value (2019-2030) & (USD Million)

Figure 26. Middle East & Africa ATL and AFP Machine for Aerospace Consumption Value (2019-2030) & (USD Million)

Figure 27. Global ATL and AFP Machine for Aerospace Sales Quantity Market Share by Type (2019-2030)

Figure 28. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Type (2019-2030)

Figure 29. Global ATL and AFP Machine for Aerospace Average Price by Type (2019-2030) & (US\$/Unit)

Figure 30. Global ATL and AFP Machine for Aerospace Sales Quantity Market Share by Application (2019-2030)

Figure 31. Global ATL and AFP Machine for Aerospace Consumption Value Market Share by Application (2019-2030)

Figure 32. Global ATL and AFP Machine for Aerospace Average Price by Application (2019-2030) & (US\$/Unit)

Figure 33. North America ATL and AFP Machine for Aerospace Sales Quantity Market Share by Type (2019-2030)

Figure 34. North America ATL and AFP Machine for Aerospace Sales Quantity Market Share by Application (2019-2030)

Figure 35. North America ATL and AFP Machine for Aerospace Sales Quantity Market Share by Country (2019-2030)

Figure 36. North America ATL and AFP Machine for Aerospace Consumption Value Market Share by Country (2019-2030)

Figure 37. United States ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Canada ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Mexico ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Europe ATL and AFP Machine for Aerospace Sales Quantity Market Share by Type (2019-2030)

Figure 41. Europe ATL and AFP Machine for Aerospace Sales Quantity Market Share by Application (2019-2030)

Figure 42. Europe ATL and AFP Machine for Aerospace Sales Quantity Market Share by Country (2019-2030)

Figure 43. Europe ATL and AFP Machine for Aerospace Consumption Value Market Share by Country (2019-2030)

Figure 44. Germany ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. France ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. United Kingdom ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Russia ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Italy ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Type (2019-2030)

Figure 50. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Application (2019-2030)

Figure 51. Asia-Pacific ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Region (2019-2030)

Figure 52. Asia-Pacific ATL and AFP Machine for Aerospace Consumption Value

Market Share by Region (2019-2030)

Figure 53. China ATL and AFP Machine for Aerospace Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 54. Japan ATL and AFP Machine for Aerospace Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 55. Korea ATL and AFP Machine for Aerospace Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 56. India ATL and AFP Machine for Aerospace Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 57. Southeast Asia ATL and AFP Machine for Aerospace Consumption Value

and Growth Rate (2019-2030) & (USD Million)

Figure 58. Australia ATL and AFP Machine for Aerospace Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 59. South America ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Type (2019-2030)

Figure 60. South America ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Application (2019-2030)

Figure 61. South America ATL and AFP Machine for Aerospace Sales Quantity Market

Share by Country (2019-2030)

Figure 62. South America ATL and AFP Machine for Aerospace Consumption Value

Market Share by Country (2019-2030)

Figure 63. Brazil ATL and AFP Machine for Aerospace Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 64. Argentina ATL and AFP Machine for Aerospace Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 65. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity

Market Share by Type (2019-2030)

Figure 66. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity

Market Share by Application (2019-2030)

Figure 67. Middle East & Africa ATL and AFP Machine for Aerospace Sales Quantity

Market Share by Region (2019-2030)

Figure 68. Middle East & Africa ATL and AFP Machine for Aerospace Consumption

Value Market Share by Region (2019-2030)

Figure 69. Turkey ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Egypt ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Saudi Arabia ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. South Africa ATL and AFP Machine for Aerospace Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. ATL and AFP Machine for Aerospace Market Drivers

Figure 74. ATL and AFP Machine for Aerospace Market Restraints

Figure 75. ATL and AFP Machine for Aerospace Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of ATL and AFP Machine for Aerospace in 2023

Figure 78. Manufacturing Process Analysis of ATL and AFP Machine for Aerospace

Figure 79. ATL and AFP Machine for Aerospace Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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