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Global Glass Fiber Warping Machines Market Growth 2026-2032

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Abstracts

The global Glass Fiber Warping Machines market size is predicted to grow from US$ 34.04 million in 2025 to US$ 42.44 million in 2032; it is expected to grow at a CAGR of 3.2% from 2026 to 2032.

The glass fiber warping machine is specialized textile equipment designed for the warp preparation stage of fiberglass yarn processing. It primarily functions by winding yarn from multiple fiberglass packages onto a warp beam—maintaining uniform spacing and parallel alignment—in strict accordance with specifications for the number of ends, arrangement, length, and tension; this ensures a stable supply of warp yarn for subsequent processes such as sizing, beaming, and weaving. In 2025, global sales of glass fiber warping machines reached 1,200 units, with a production capacity of approximately 1,700 units; the average selling price was $29,000 per unit, and the average gross profit margin ranged from 30% to 40%.

The upstream segment of the industry chain consists of suppliers of mechanical components, automation control systems, and textile equipment accessories—including servo motors, variable frequency drives (VFDs), PLC control systems, sensors, precision bearings, yarn guiding devices, tension control components, and steel structural frames—which provide the foundational parts and technical support for warping equipment manufacturing. The midstream segment comprises warping machine manufacturers responsible for equipment design, machining, system integration, process commissioning, and after-sales service; their product portfolios include direct warping machines, sectional warping machines, and fiberglass warping machines, catering to diverse fiber materials and weaving processes. The downstream segment encompasses manufacturers in the textile, industrial materials, and electronic materials sectors, serving industries such as cotton spinning, chemical fibers, fiberglass electronic

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fabrics, carbon fiber fabrics, and technical textiles.

The growth of global industries such as new energy, semiconductors, and high-speed communications is driving the continuous upgrading of the fiberglass and electronic materials sectors, with nations providing policy support for the development of advanced manufacturing, new materials, and intelligent equipment. China’s ongoing push for the intelligent upgrading of manufacturing and the localization of key equipment creates development opportunities for fiberglass electronic fabric production machinery; meanwhile, companies in Europe and Japan continue to strengthen R&D in high-end textile equipment, enhancing automation levels and energy efficiency. Concurrently, as the electronic information industry evolves toward higher performance and reliability, the fiberglass electronic fabric sector is raising production standards and imposing stricter requirements on key equipment used in processes such as warping, sizing, and weaving.

LP Information, Inc. (LPI) ' newest research report, the “Glass Fiber Warping Machines Industry Forecast” looks at past sales and reviews total world Glass Fiber Warping Machines sales in 2025, providing a comprehensive analysis by region and market sector of projected Glass Fiber Warping Machines sales for 2026 through 2032. With Glass Fiber Warping Machines sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Glass Fiber Warping Machines industry.

This Insight Report provides a comprehensive analysis of the global Glass Fiber Warping Machines landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Glass Fiber Warping Machines portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Glass Fiber Warping Machines market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Glass Fiber Warping Machines and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Glass Fiber Warping Machines.

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This report presents a comprehensive overview, market shares, and growth opportunities of Glass Fiber Warping Machines market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Sectional Type

Direct Type

Segmentation by Running Speed:

?200m/min

200-300m/min

?300m/min

Segmentation by Automation:

Conventional Warping Machine

Automated Warping Machine

Segmentation by Application:

Fiberglass Cloth

Composite Material Base Fabric

Others

This report also splits the market by region:

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- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia
- Europe
  - Germany
  - France
  - UK
  - Italy
  - Russia
- Middle East & Africa
  - Egypt

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South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Karl Mayer

Ukil Machinery

Suzuki

Jakob Muller Group

Rius-Comatex

Prashant Group

Ramallumin

Tsudakoma

TAYA Machinery

Jiangyin Sixing Kajiquan

Jiangyin Youbang Textile

Jiangyin Sifang Textile Machinery

Jiangyin Zhenyuan Textile

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Jieli Textile

Rabatex Industries

Alidhra Weavetech

Suzhou Sifang Technology

Sheyang Zhengda Textile Machinery

Key Questions Addressed in this Report

What is the 10-year outlook for the global Glass Fiber Warping Machines market?

What factors are driving Glass Fiber Warping Machines market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Glass Fiber Warping Machines market opportunities vary by end market size?

How does Glass Fiber Warping Machines break out by Type, by Application?

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Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Glass Fiber Warping Machines Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Glass Fiber Warping Machines by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Glass Fiber Warping Machines by Country/Region, 2021, 2025 & 2032
2.2 Glass Fiber Warping Machines Segment by Type
  2.2.1 Sectional Type
  2.2.2 Direct Type
  2.2.3 Glass Fiber Warping Machines Sales by Type
    2.2.3.1 Global Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Glass Fiber Warping Machines Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Glass Fiber Warping Machines Sale Price by Type (2021-2026)
2.3 Glass Fiber Warping Machines Segment by Running Speed
  2.3.1 ?200m/min
  2.3.2 200-300m/min
  2.3.3 ?300m/min
  2.3.4 Glass Fiber Warping Machines Sales by Running Speed
    2.3.4.1 Global Glass Fiber Warping Machines Sales Market Share by Running Speed (2021-2026)
    2.3.4.2 Global Glass Fiber Warping Machines Revenue and Market Share by Running Speed (2021-2026)

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2.3.4.3 Global Glass Fiber Warping Machines Sale Price by Running Speed (2021-2026)
2.4 Glass Fiber Warping Machines Segment by Automation
2.4.1 Conventional Warping Machine
2.4.2 Automated Warping Machine
2.4.3 Glass Fiber Warping Machines Sales by Automation
2.4.3.1 Global Glass Fiber Warping Machines Sales Market Share by Automation (2021-2026)
2.4.3.2 Global Glass Fiber Warping Machines Revenue and Market Share by Automation (2021-2026)
2.4.3.3 Global Glass Fiber Warping Machines Sale Price by Automation (2021-2026)
2.5 Glass Fiber Warping Machines Segment by Application
2.5.1 Fiberglass Cloth
2.5.2 Composite Material Base Fabric
2.5.3 Others
2.5.4 Glass Fiber Warping Machines Sales by Application
2.5.4.1 Global Glass Fiber Warping Machines Sale Market Share by Application (2021-2026)
2.5.4.2 Global Glass Fiber Warping Machines Revenue and Market Share by Application (2021-2026)
2.5.4.3 Global Glass Fiber Warping Machines Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Glass Fiber Warping Machines Breakdown Data by Company
3.1.1 Global Glass Fiber Warping Machines Annual Sales by Company (2021-2026)
3.1.2 Global Glass Fiber Warping Machines Sales Market Share by Company (2021-2026)
3.2 Global Glass Fiber Warping Machines Annual Revenue by Company (2021-2026)
3.2.1 Global Glass Fiber Warping Machines Revenue by Company (2021-2026)
3.2.2 Global Glass Fiber Warping Machines Revenue Market Share by Company (2021-2026)
3.3 Global Glass Fiber Warping Machines Sale Price by Company
3.4 Key Manufacturers Glass Fiber Warping Machines Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Glass Fiber Warping Machines Product Location Distribution
3.4.2 Players Glass Fiber Warping Machines Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis

+357 96 030922
info@marketpublishers.com

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR GLASS FIBER WARPING MACHINES BY GEOGRAPHIC REGION

4.1 World Historic Glass Fiber Warping Machines Market Size by Geographic Region (2021-2026)
4.1.1 Global Glass Fiber Warping Machines Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Glass Fiber Warping Machines Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Glass Fiber Warping Machines Market Size by Country/Region (2021-2026)
4.2.1 Global Glass Fiber Warping Machines Annual Sales by Country/Region (2021-2026)
4.2.2 Global Glass Fiber Warping Machines Annual Revenue by Country/Region (2021-2026)
4.3 Americas Glass Fiber Warping Machines Sales Growth
4.4 APAC Glass Fiber Warping Machines Sales Growth
4.5 Europe Glass Fiber Warping Machines Sales Growth
4.6 Middle East & Africa Glass Fiber Warping Machines Sales Growth

5 AMERICAS

5.1 Americas Glass Fiber Warping Machines Sales by Country
5.1.1 Americas Glass Fiber Warping Machines Sales by Country (2021-2026)
5.1.2 Americas Glass Fiber Warping Machines Revenue by Country (2021-2026)
5.2 Americas Glass Fiber Warping Machines Sales by Type (2021-2026)
5.3 Americas Glass Fiber Warping Machines Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Glass Fiber Warping Machines Sales by Region

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6.1.1 APAC Glass Fiber Warping Machines Sales by Region (2021-2026)
6.1.2 APAC Glass Fiber Warping Machines Revenue by Region (2021-2026)
6.2 APAC Glass Fiber Warping Machines Sales by Type (2021-2026)
6.3 APAC Glass Fiber Warping Machines Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Glass Fiber Warping Machines by Country
7.1.1 Europe Glass Fiber Warping Machines Sales by Country (2021-2026)
7.1.2 Europe Glass Fiber Warping Machines Revenue by Country (2021-2026)
7.2 Europe Glass Fiber Warping Machines Sales by Type (2021-2026)
7.3 Europe Glass Fiber Warping Machines Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Glass Fiber Warping Machines by Country
8.1.1 Middle East & Africa Glass Fiber Warping Machines Sales by Country (2021-2026)
8.1.2 Middle East & Africa Glass Fiber Warping Machines Revenue by Country (2021-2026)
8.2 Middle East & Africa Glass Fiber Warping Machines Sales by Type (2021-2026)
8.3 Middle East & Africa Glass Fiber Warping Machines Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey

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8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Glass Fiber Warping Machines
10.3 Manufacturing Process Analysis of Glass Fiber Warping Machines
10.4 Industry Chain Structure of Glass Fiber Warping Machines

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Glass Fiber Warping Machines Distributors
11.3 Glass Fiber Warping Machines Customer

12 WORLD FORECAST REVIEW FOR GLASS FIBER WARPING MACHINES BY GEOGRAPHIC REGION

12.1 Global Glass Fiber Warping Machines Market Size Forecast by Region
  12.1.1 Global Glass Fiber Warping Machines Forecast by Region (2027-2032)
  12.1.2 Global Glass Fiber Warping Machines Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Glass Fiber Warping Machines Forecast by Type (2027-2032)
12.7 Global Glass Fiber Warping Machines Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

+357 96 030922
info@marketpublishers.com

13.1 Karl Mayer
13.1.1 Karl Mayer Company Information
13.1.2 Karl Mayer Glass Fiber Warping Machines Product Portfolios and Specifications
13.1.3 Karl Mayer Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 Karl Mayer Main Business Overview
13.1.5 Karl Mayer Latest Developments
13.2 Ukil Machinery
13.2.1 Ukil Machinery Company Information
13.2.2 Ukil Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
13.2.3 Ukil Machinery Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Ukil Machinery Main Business Overview
13.2.5 Ukil Machinery Latest Developments
13.3 Suzuki
13.3.1 Suzuki Company Information
13.3.2 Suzuki Glass Fiber Warping Machines Product Portfolios and Specifications
13.3.3 Suzuki Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Suzuki Main Business Overview
13.3.5 Suzuki Latest Developments
13.4 Jakob Muller Group
13.4.1 Jakob Muller Group Company Information
13.4.2 Jakob Muller Group Glass Fiber Warping Machines Product Portfolios and Specifications
13.4.3 Jakob Muller Group Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Jakob Muller Group Main Business Overview
13.4.5 Jakob Muller Group Latest Developments
13.5 Rius-Comatex
13.5.1 Rius-Comatex Company Information
13.5.2 Rius-Comatex Glass Fiber Warping Machines Product Portfolios and Specifications
13.5.3 Rius-Comatex Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Rius-Comatex Main Business Overview
13.5.5 Rius-Comatex Latest Developments
13.6 Prashant Group

+357 96 030922
info@marketpublishers.com

13.6.1 Prashant Group Company Information
13.6.2 Prashant Group Glass Fiber Warping Machines Product Portfolios and Specifications
13.6.3 Prashant Group Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Prashant Group Main Business Overview
13.6.5 Prashant Group Latest Developments
13.7 Ramallumin
13.7.1 Ramallumin Company Information
13.7.2 Ramallumin Glass Fiber Warping Machines Product Portfolios and Specifications
13.7.3 Ramallumin Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Ramallumin Main Business Overview
13.7.5 Ramallumin Latest Developments
13.8 Tsudakoma
13.8.1 Tsudakoma Company Information
13.8.2 Tsudakoma Glass Fiber Warping Machines Product Portfolios and Specifications
13.8.3 Tsudakoma Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Tsudakoma Main Business Overview
13.8.5 Tsudakoma Latest Developments
13.9 TAYA Machinery
13.9.1 TAYA Machinery Company Information
13.9.2 TAYA Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
13.9.3 TAYA Machinery Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 TAYA Machinery Main Business Overview
13.9.5 TAYA Machinery Latest Developments
13.10 Jiangyin Sixing Kajiquan
13.10.1 Jiangyin Sixing Kajiquan Company Information
13.10.2 Jiangyin Sixing Kajiquan Glass Fiber Warping Machines Product Portfolios and Specifications
13.10.3 Jiangyin Sixing Kajiquan Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 Jiangyin Sixing Kajiquan Main Business Overview
13.10.5 Jiangyin Sixing Kajiquan Latest Developments

+357 96 030922
info@marketpublishers.com

13.11 Jiangyin Youbang Textile
13.11.1 Jiangyin Youbang Textile Company Information
13.11.2 Jiangyin Youbang Textile Glass Fiber Warping Machines Product Portfolios and Specifications
13.11.3 Jiangyin Youbang Textile Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 Jiangyin Youbang Textile Main Business Overview
13.11.5 Jiangyin Youbang Textile Latest Developments
13.12 Jiangyin Sifang Textile Machinery
13.12.1 Jiangyin Sifang Textile Machinery Company Information
13.12.2 Jiangyin Sifang Textile Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
13.12.3 Jiangyin Sifang Textile Machinery Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Jiangyin Sifang Textile Machinery Main Business Overview
13.12.5 Jiangyin Sifang Textile Machinery Latest Developments
13.13 Jiangyin Zhenyuan Textile
13.13.1 Jiangyin Zhenyuan Textile Company Information
13.13.2 Jiangyin Zhenyuan Textile Glass Fiber Warping Machines Product Portfolios and Specifications
13.13.3 Jiangyin Zhenyuan Textile Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Jiangyin Zhenyuan Textile Main Business Overview
13.13.5 Jiangyin Zhenyuan Textile Latest Developments
13.14 Jieli Textile
13.14.1 Jieli Textile Company Information
13.14.2 Jieli Textile Glass Fiber Warping Machines Product Portfolios and Specifications
13.14.3 Jieli Textile Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Jieli Textile Main Business Overview
13.14.5 Jieli Textile Latest Developments
13.15 Rabatex Industries
13.15.1 Rabatex Industries Company Information
13.15.2 Rabatex Industries Glass Fiber Warping Machines Product Portfolios and Specifications
13.15.3 Rabatex Industries Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.15.4 Rabatex Industries Main Business Overview

+357 96 030922
info@marketpublishers.com

13.15.5 Rabatex Industries Latest Developments
13.16 Alidhra Weavetech
13.16.1 Alidhra Weavetech Company Information
13.16.2 Alidhra Weavetech Glass Fiber Warping Machines Product Portfolios and Specifications
13.16.3 Alidhra Weavetech Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 Alidhra Weavetech Main Business Overview
13.16.5 Alidhra Weavetech Latest Developments
13.17 Suzhou Sifang Technology
13.17.1 Suzhou Sifang Technology Company Information
13.17.2 Suzhou Sifang Technology Glass Fiber Warping Machines Product Portfolios and Specifications
13.17.3 Suzhou Sifang Technology Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 Suzhou Sifang Technology Main Business Overview
13.17.5 Suzhou Sifang Technology Latest Developments
13.18 Sheyang Zhengda Textile Machinery
13.18.1 Sheyang Zhengda Textile Machinery Company Information
13.18.2 Sheyang Zhengda Textile Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
13.18.3 Sheyang Zhengda Textile Machinery Glass Fiber Warping Machines Sales, Revenue, Price and Gross Margin (2021-2026)
13.18.4 Sheyang Zhengda Textile Machinery Main Business Overview
13.18.5 Sheyang Zhengda Textile Machinery Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Glass Fiber Warping Machines Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Glass Fiber Warping Machines Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Sectional Type
Table 4. Major Players of Direct Type
Table 5. Global Glass Fiber Warping Machines Sales by Type (2021-2026) & (Units)
Table 6. Global Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
Table 7. Global Glass Fiber Warping Machines Revenue by Type (2021-2026) & ($ million)
Table 8. Global Glass Fiber Warping Machines Revenue Market Share by Type (2021-2026)
Table 9. Global Glass Fiber Warping Machines Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Major Players of ?200m/min
Table 11. Major Players of 200-300m/min
Table 12. Major Players of ?300m/min
Table 13. Global Glass Fiber Warping Machines Sales by Running Speed (2021-2026) & (Units)
Table 14. Global Glass Fiber Warping Machines Sales Market Share by Running Speed (2021-2026)
Table 15. Global Glass Fiber Warping Machines Revenue by Running Speed (2021-2026) & ($ million)
Table 16. Global Glass Fiber Warping Machines Revenue Market Share by Running Speed (2021-2026)
Table 17. Global Glass Fiber Warping Machines Sale Price by Running Speed (2021-2026) & (US$/Unit)
Table 18. Major Players of Conventional Warping Machine
Table 19. Major Players of Automated Warping Machine
Table 20. Global Glass Fiber Warping Machines Sales by Automation (2021-2026) & (Units)
Table 21. Global Glass Fiber Warping Machines Sales Market Share by Automation (2021-2026)
Table 22. Global Glass Fiber Warping Machines Revenue by Automation (2021-2026) &

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($ million)
Table 23. Global Glass Fiber Warping Machines Revenue Market Share by Automation (2021-2026)
Table 24. Global Glass Fiber Warping Machines Sale Price by Automation (2021-2026) & (US$/Unit)
Table 25. Global Glass Fiber Warping Machines Sale by Application (2021-2026) & (Units)
Table 26. Global Glass Fiber Warping Machines Sale Market Share by Application (2021-2026)
Table 27. Global Glass Fiber Warping Machines Revenue by Application (2021-2026) & ($ million)
Table 28. Global Glass Fiber Warping Machines Revenue Market Share by Application (2021-2026)
Table 29. Global Glass Fiber Warping Machines Sale Price by Application (2021-2026) & (US$/Unit)
Table 30. Global Glass Fiber Warping Machines Sales by Company (2021-2026) & (Units)
Table 31. Global Glass Fiber Warping Machines Sales Market Share by Company (2021-2026)
Table 32. Global Glass Fiber Warping Machines Revenue by Company (2021-2026) & ($ millions)
Table 33. Global Glass Fiber Warping Machines Revenue Market Share by Company (2021-2026)
Table 34. Global Glass Fiber Warping Machines Sale Price by Company (2021-2026) & (US$/Unit)
Table 35. Key Manufacturers Glass Fiber Warping Machines Producing Area Distribution and Sales Area
Table 36. Players Glass Fiber Warping Machines Products Offered
Table 37. Glass Fiber Warping Machines Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 38. New Products and Potential Entrants
Table 39. Market M&A Activity & Strategy
Table 40. Global Glass Fiber Warping Machines Sales by Geographic Region (2021-2026) & (Units)
Table 41. Global Glass Fiber Warping Machines Sales Market Share Geographic Region (2021-2026)
Table 42. Global Glass Fiber Warping Machines Revenue by Geographic Region (2021-2026) & ($ millions)
Table 43. Global Glass Fiber Warping Machines Revenue Market Share by Geographic

+357 96 030922
info@marketpublishers.com

Region (2021-2026)
Table 44. Global Glass Fiber Warping Machines Sales by Country/Region (2021-2026) & (Units)
Table 45. Global Glass Fiber Warping Machines Sales Market Share by Country/Region (2021-2026)
Table 46. Global Glass Fiber Warping Machines Revenue by Country/Region (2021-2026) & ($ millions)
Table 47. Global Glass Fiber Warping Machines Revenue Market Share by Country/Region (2021-2026)
Table 48. Americas Glass Fiber Warping Machines Sales by Country (2021-2026) & (Units)
Table 49. Americas Glass Fiber Warping Machines Sales Market Share by Country (2021-2026)
Table 50. Americas Glass Fiber Warping Machines Revenue by Country (2021-2026) & ($ millions)
Table 51. Americas Glass Fiber Warping Machines Sales by Type (2021-2026) & (Units)
Table 52. Americas Glass Fiber Warping Machines Sales by Application (2021-2026) & (Units)
Table 53. APAC Glass Fiber Warping Machines Sales by Region (2021-2026) & (Units)
Table 54. APAC Glass Fiber Warping Machines Sales Market Share by Region (2021-2026)
Table 55. APAC Glass Fiber Warping Machines Revenue by Region (2021-2026) & ($ millions)
Table 56. APAC Glass Fiber Warping Machines Sales by Type (2021-2026) & (Units)
Table 57. APAC Glass Fiber Warping Machines Sales by Application (2021-2026) & (Units)
Table 58. Europe Glass Fiber Warping Machines Sales by Country (2021-2026) & (Units)
Table 59. Europe Glass Fiber Warping Machines Revenue by Country (2021-2026) & ($ millions)
Table 60. Europe Glass Fiber Warping Machines Sales by Type (2021-2026) & (Units)
Table 61. Europe Glass Fiber Warping Machines Sales by Application (2021-2026) & (Units)
Table 62. Middle East & Africa Glass Fiber Warping Machines Sales by Country (2021-2026) & (Units)
Table 63. Middle East & Africa Glass Fiber Warping Machines Revenue Market Share by Country (2021-2026)
Table 64. Middle East & Africa Glass Fiber Warping Machines Sales by Type

+357 96 030922
info@marketpublishers.com

(2021-2026) & (Units)
Table 65. Middle East & Africa Glass Fiber Warping Machines Sales by Application (2021-2026) & (Units)
Table 66. Key Market Drivers & Growth Opportunities of Glass Fiber Warping Machines
Table 67. Key Market Challenges & Risks of Glass Fiber Warping Machines
Table 68. Key Industry Trends of Glass Fiber Warping Machines
Table 69. Glass Fiber Warping Machines Raw Material
Table 70. Key Suppliers of Raw Materials
Table 71. Glass Fiber Warping Machines Distributors List
Table 72. Glass Fiber Warping Machines Customer List
Table 73. Global Glass Fiber Warping Machines Sales Forecast by Region (2027-2032) & (Units)
Table 74. Global Glass Fiber Warping Machines Revenue Forecast by Region (2027-2032) & ($ millions)
Table 75. Americas Glass Fiber Warping Machines Sales Forecast by Country (2027-2032) & (Units)
Table 76. Americas Glass Fiber Warping Machines Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 77. APAC Glass Fiber Warping Machines Sales Forecast by Region (2027-2032) & (Units)
Table 78. APAC Glass Fiber Warping Machines Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 79. Europe Glass Fiber Warping Machines Sales Forecast by Country (2027-2032) & (Units)
Table 80. Europe Glass Fiber Warping Machines Revenue Forecast by Country (2027-2032) & ($ millions)
Table 81. Middle East & Africa Glass Fiber Warping Machines Sales Forecast by Country (2027-2032) & (Units)
Table 82. Middle East & Africa Glass Fiber Warping Machines Revenue Forecast by Country (2027-2032) & ($ millions)
Table 83. Global Glass Fiber Warping Machines Sales Forecast by Type (2027-2032) & (Units)
Table 84. Global Glass Fiber Warping Machines Revenue Forecast by Type (2027-2032) & ($ millions)
Table 85. Global Glass Fiber Warping Machines Sales Forecast by Application (2027-2032) & (Units)
Table 86. Global Glass Fiber Warping Machines Revenue Forecast by Application (2027-2032) & ($ millions)
Table 87. Karl Mayer Basic Information, Glass Fiber Warping Machines Manufacturing

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Base, Sales Area and Its Competitors
Table 88. Karl Mayer Glass Fiber Warping Machines Product Portfolios and Specifications
Table 89. Karl Mayer Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 90. Karl Mayer Main Business
Table 91. Karl Mayer Latest Developments
Table 92. Ukil Machinery Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 93. Ukil Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
Table 94. Ukil Machinery Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 95. Ukil Machinery Main Business
Table 96. Ukil Machinery Latest Developments
Table 97. Suzuki Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 98. Suzuki Glass Fiber Warping Machines Product Portfolios and Specifications
Table 99. Suzuki Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 100. Suzuki Main Business
Table 101. Suzuki Latest Developments
Table 102. Jakob Muller Group Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 103. Jakob Muller Group Glass Fiber Warping Machines Product Portfolios and Specifications
Table 104. Jakob Muller Group Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 105. Jakob Muller Group Main Business
Table 106. Jakob Muller Group Latest Developments
Table 107. Rius-Comatex Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 108. Rius-Comatex Glass Fiber Warping Machines Product Portfolios and Specifications
Table 109. Rius-Comatex Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 110. Rius-Comatex Main Business
Table 111. Rius-Comatex Latest Developments
Table 112. Prashant Group Basic Information, Glass Fiber Warping Machines

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Manufacturing Base, Sales Area and Its Competitors
Table 113. Prashant Group Glass Fiber Warping Machines Product Portfolios and Specifications
Table 114. Prashant Group Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 115. Prashant Group Main Business
Table 116. Prashant Group Latest Developments
Table 117. Ramallumin Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 118. Ramallumin Glass Fiber Warping Machines Product Portfolios and Specifications
Table 119. Ramallumin Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 120. Ramallumin Main Business
Table 121. Ramallumin Latest Developments
Table 122. Tsudakoma Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 123. Tsudakoma Glass Fiber Warping Machines Product Portfolios and Specifications
Table 124. Tsudakoma Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 125. Tsudakoma Main Business
Table 126. Tsudakoma Latest Developments
Table 127. TAYA Machinery Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 128. TAYA Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
Table 129. TAYA Machinery Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 130. TAYA Machinery Main Business
Table 131. TAYA Machinery Latest Developments
Table 132. Jiangyin Sixing Kajiquan Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 133. Jiangyin Sixing Kajiquan Glass Fiber Warping Machines Product Portfolios and Specifications
Table 134. Jiangyin Sixing Kajiquan Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 135. Jiangyin Sixing Kajiquan Main Business
Table 136. Jiangyin Sixing Kajiquan Latest Developments

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Table 137. Jiangyin Youbang Textile Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 138. Jiangyin Youbang Textile Glass Fiber Warping Machines Product Portfolios and Specifications
Table 139. Jiangyin Youbang Textile Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 140. Jiangyin Youbang Textile Main Business
Table 141. Jiangyin Youbang Textile Latest Developments
Table 142. Jiangyin Sifang Textile Machinery Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 143. Jiangyin Sifang Textile Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
Table 144. Jiangyin Sifang Textile Machinery Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 145. Jiangyin Sifang Textile Machinery Main Business
Table 146. Jiangyin Sifang Textile Machinery Latest Developments
Table 147. Jiangyin Zhenyuan Textile Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 148. Jiangyin Zhenyuan Textile Glass Fiber Warping Machines Product Portfolios and Specifications
Table 149. Jiangyin Zhenyuan Textile Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 150. Jiangyin Zhenyuan Textile Main Business
Table 151. Jiangyin Zhenyuan Textile Latest Developments
Table 152. Jieli Textile Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 153. Jieli Textile Glass Fiber Warping Machines Product Portfolios and Specifications
Table 154. Jieli Textile Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 155. Jieli Textile Main Business
Table 156. Jieli Textile Latest Developments
Table 157. Rabatex Industries Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 158. Rabatex Industries Glass Fiber Warping Machines Product Portfolios and Specifications
Table 159. Rabatex Industries Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 160. Rabatex Industries Main Business

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Table 161. Rabatex Industries Latest Developments
Table 162. Alidhra Weavetech Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 163. Alidhra Weavetech Glass Fiber Warping Machines Product Portfolios and Specifications
Table 164. Alidhra Weavetech Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 165. Alidhra Weavetech Main Business
Table 166. Alidhra Weavetech Latest Developments
Table 167. Suzhou Sifang Technology Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 168. Suzhou Sifang Technology Glass Fiber Warping Machines Product Portfolios and Specifications
Table 169. Suzhou Sifang Technology Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 170. Suzhou Sifang Technology Main Business
Table 171. Suzhou Sifang Technology Latest Developments
Table 172. Sheyang Zhengda Textile Machinery Basic Information, Glass Fiber Warping Machines Manufacturing Base, Sales Area and Its Competitors
Table 173. Sheyang Zhengda Textile Machinery Glass Fiber Warping Machines Product Portfolios and Specifications
Table 174. Sheyang Zhengda Textile Machinery Glass Fiber Warping Machines Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 175. Sheyang Zhengda Textile Machinery Main Business
Table 176. Sheyang Zhengda Textile Machinery Latest Developments

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List Of Figures

LIST OF FIGURES

Figure 1. Picture of Glass Fiber Warping Machines
Figure 2. Glass Fiber Warping Machines Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Glass Fiber Warping Machines Sales Growth Rate 2021-2032 (Units)
Figure 7. Global Glass Fiber Warping Machines Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Glass Fiber Warping Machines Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Glass Fiber Warping Machines Sales Market Share by Country/Region (2025)
Figure 10. Glass Fiber Warping Machines Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Sectional Type
Figure 12. Product Picture of Direct Type
Figure 13. Global Glass Fiber Warping Machines Sales Market Share by Type in 2026
Figure 14. Global Glass Fiber Warping Machines Revenue Market Share by Type (2021-2026)
Figure 15. Product Picture of ?200m/min
Figure 16. Product Picture of 200-300m/min
Figure 17. Product Picture of ?300m/min
Figure 18. Global Glass Fiber Warping Machines Sales Market Share by Running Speed in 2026
Figure 19. Global Glass Fiber Warping Machines Revenue Market Share by Running Speed (2021-2026)
Figure 20. Product Picture of Conventional Warping Machine
Figure 21. Product Picture of Automated Warping Machine
Figure 22. Global Glass Fiber Warping Machines Sales Market Share by Automation in 2026
Figure 23. Global Glass Fiber Warping Machines Revenue Market Share by Automation (2021-2026)
Figure 24. Glass Fiber Warping Machines Consumed in Fiberglass Cloth
Figure 25. Global Glass Fiber Warping Machines Market: Fiberglass Cloth (2021-2026) & (Units)
Figure 26. Glass Fiber Warping Machines Consumed in Composite Material Base

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Fabric
Figure 27. Global Glass Fiber Warping Machines Market: Composite Material Base Fabric (2021-2026) & (Units)
Figure 28. Glass Fiber Warping Machines Consumed in Others
Figure 29. Global Glass Fiber Warping Machines Market: Others (2021-2026) & (Units)
Figure 30. Global Glass Fiber Warping Machines Sale Market Share by Application (2025)
Figure 31. Global Glass Fiber Warping Machines Revenue Market Share by Application in 2025
Figure 32. Glass Fiber Warping Machines Sales by Company in 2025 (Units)
Figure 33. Global Glass Fiber Warping Machines Sales Market Share by Company in 2025
Figure 34. Glass Fiber Warping Machines Revenue by Company in 2025 ($ millions)
Figure 35. Global Glass Fiber Warping Machines Revenue Market Share by Company in 2025
Figure 36. Global Glass Fiber Warping Machines Sales Market Share by Geographic Region (2021-2026)
Figure 37. Global Glass Fiber Warping Machines Revenue Market Share by Geographic Region in 2025
Figure 38. Americas Glass Fiber Warping Machines Sales 2021-2026 (Units)
Figure 39. Americas Glass Fiber Warping Machines Revenue 2021-2026 ($ millions)
Figure 40. APAC Glass Fiber Warping Machines Sales 2021-2026 (Units)
Figure 41. APAC Glass Fiber Warping Machines Revenue 2021-2026 ($ millions)
Figure 42. Europe Glass Fiber Warping Machines Sales 2021-2026 (Units)
Figure 43. Europe Glass Fiber Warping Machines Revenue 2021-2026 ($ millions)
Figure 44. Middle East & Africa Glass Fiber Warping Machines Sales 2021-2026 (Units)
Figure 45. Middle East & Africa Glass Fiber Warping Machines Revenue 2021-2026 ($ millions)
Figure 46. Americas Glass Fiber Warping Machines Sales Market Share by Country in 2025
Figure 47. Americas Glass Fiber Warping Machines Revenue Market Share by Country (2021-2026)
Figure 48. Americas Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
Figure 49. Americas Glass Fiber Warping Machines Sales Market Share by Application (2021-2026)
Figure 50. United States Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 51. Canada Glass Fiber Warping Machines Revenue Growth 2021-2026 ($

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millions)
Figure 52. Mexico Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 53. Brazil Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 54. APAC Glass Fiber Warping Machines Sales Market Share by Region in 2025
Figure 55. APAC Glass Fiber Warping Machines Revenue Market Share by Region (2021-2026)
Figure 56. APAC Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
Figure 57. APAC Glass Fiber Warping Machines Sales Market Share by Application (2021-2026)
Figure 58. China Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 59. Japan Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 60. South Korea Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 61. Southeast Asia Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 62. India Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 63. Australia Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 64. China Taiwan Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 65. Europe Glass Fiber Warping Machines Sales Market Share by Country in 2025
Figure 66. Europe Glass Fiber Warping Machines Revenue Market Share by Country (2021-2026)
Figure 67. Europe Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
Figure 68. Europe Glass Fiber Warping Machines Sales Market Share by Application (2021-2026)
Figure 69. Germany Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 70. France Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 71. UK Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 72. Italy Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)

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Figure 73. Russia Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 74. Middle East & Africa Glass Fiber Warping Machines Sales Market Share by Country (2021-2026)
Figure 75. Middle East & Africa Glass Fiber Warping Machines Sales Market Share by Type (2021-2026)
Figure 76. Middle East & Africa Glass Fiber Warping Machines Sales Market Share by Application (2021-2026)
Figure 77. Egypt Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 78. South Africa Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 79. Israel Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 80. Turkey Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 81. GCC Countries Glass Fiber Warping Machines Revenue Growth 2021-2026 ($ millions)
Figure 82. Manufacturing Cost Structure Analysis of Glass Fiber Warping Machines in 2026
Figure 83. Manufacturing Process Analysis of Glass Fiber Warping Machines
Figure 84. Industry Chain Structure of Glass Fiber Warping Machines
Figure 85. Channels of Distribution
Figure 86. Global Glass Fiber Warping Machines Sales Market Forecast by Region (2027-2032)
Figure 87. Global Glass Fiber Warping Machines Revenue Market Share Forecast by Region (2027-2032)
Figure 88. Global Glass Fiber Warping Machines Sales Market Share Forecast by Type (2027-2032)
Figure 89. Global Glass Fiber Warping Machines Revenue Market Share Forecast by Type (2027-2032)
Figure 90. Global Glass Fiber Warping Machines Sales Market Share Forecast by Application (2027-2032)
Figure 91. Global Glass Fiber Warping Machines Revenue Market Share Forecast by Application (2027-2032)

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