

Global Glass Fiber Warping Machines Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Glass Fiber Warping Machines market size was valued at US\$ 35.81 million in 2025 and is forecast to a readjusted size of US\$ 44.15 million by 2032 with a CAGR of 3.0% during review period.

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 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.

This report is a detailed and comprehensive analysis for global Glass Fiber Warping Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Glass Fiber Warping Machines market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Glass Fiber Warping Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Glass Fiber Warping Machines market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Glass Fiber Warping Machines market shares of main players, shipments in

revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Glass Fiber Warping Machines

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Glass Fiber Warping Machines market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Karl Mayer, Ukil Machinery, Suzuki, Jakob Muller Group, Rius-Comatex, Prashant Group, Ramallumin, Tsudakoma, TAYA Machinery, Jiangyin Sixing Kajiquan, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Glass Fiber Warping Machines market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Sectional Type

Direct Type

Market segment by Running Speed

?200m/min

200-300m/min

?300m/min

Market segment by Automation

Conventional Warping Machine

Automated Warping Machine

Market segment by Application

Fiberglass Cloth

Composite Material Base Fabric

Others

Major players covered

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

Jieli Textile

Rabatex Industries

Alidhra Weavetech

Suzhou Sifang Technology

Sheyang Zhengda Textile Machinery

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 Glass Fiber Warping Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Glass Fiber Warping Machines, with price, sales quantity, revenue, and global market share of Glass Fiber Warping Machines from 2021 to 2026.

Chapter 3, the Glass Fiber Warping Machines competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Glass Fiber Warping Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Glass Fiber Warping Machines market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Glass Fiber Warping Machines.

Chapter 14 and 15, to describe Glass Fiber Warping Machines sales channel, distributors, customers, research findings and conclusion.

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