

Global Robotic Filament Winding Equipment Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G50B89D63727EN.html>

Date: October 2025

Pages: 103

Price: US\$ 3,480.00 (Single User License)

ID: G50B89D63727EN

Abstracts

According to our (Global Info Research) latest study, the global Robotic Filament Winding Equipment market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Robotic filament winding equipment is an automated manufacturing system used to create composite materials by wrapping fibers, such as carbon or glass, around a rotating mandrel in a predetermined pattern. The fibers are coated with resin and then cured to form a rigid, lightweight structure. This technique is commonly used in the aerospace, automotive, and energy industries to produce high-strength components like pressure vessels, pipes, and structural beams. The robotic allows for precise control over the winding process, improving consistency, reducing material waste, and increasing production efficiency.

This report is a detailed and comprehensive analysis for global Robotic Filament Winding Equipment 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 Robotic Filament Winding Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Robotic Filament Winding Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Robotic Filament Winding Equipment market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Robotic Filament Winding Equipment market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

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 Robotic Filament Winding Equipment

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 Robotic Filament Winding Equipment 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 MF-Tech, Cygnet Texkimp, Roth Composite Machinery, TANIQ, Mikrosam, Engineering Technology (Toray), CompoTech, Comec, etc.

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

Market Segmentation

Robotic Filament Winding Equipment market is split by Type and by Application. For the period 2020-2031, 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

with Core Mold

without Core Mold

Market segment by Application

New Energy

Aerospace

Automotive

Architectural

Major players covered

MF-Tech

Cygnnet Texkimp

Roth Composite Machinery

TANIQ

Mikrosam

Engineering Technology (Toray)

CompoTech

Comec

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 Robotic Filament Winding Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Robotic Filament Winding Equipment, with price, sales quantity, revenue, and global market share of Robotic Filament Winding Equipment from 2020 to 2025.

Chapter 3, the Robotic Filament Winding Equipment competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Robotic Filament Winding Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Robotic Filament Winding Equipment market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Robotic Filament Winding Equipment.

Chapter 14 and 15, to describe Robotic Filament Winding Equipment sales channel, distributors, customers, research findings and conclusion.

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