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Global Tooling Market for Composites Industry by Material Type (Invar, Aluminum, Other Metals, Tooling Prepreg, Infusion, and Others), by End-Use Industry (Aerospace & Defense, Wind Energy, Marine, Transportation, Construction, and Others), by Use Type (Prototype and Serial Production), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017 – 2022

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Abstracts

This report, from Stratview Research, studies the global tooling market for composites industry over the period 2017 to 2022. The report provides detailed insights into the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities in the market.

The Global Tooling Market for Composites Industry: Highlights

Global tooling market for composites industry is projected to grow at a healthy CAGR of 7.1% over the next five years to reach US$ 1,457.4 million in 2022. Increasing penetration of composite materials, especially in the aerospace & defense and transportation industries with the purpose to enhance fuel efficiency and to reduce carbon emissions and an advancement in composite technologies, such as high-pressure resin transfer molding are the primary growth drivers of the market.

On the basis of material type, the global tooling market for composites industry is segmented into invar, aluminum, tooling prepreg, infusion, other metals, and others.

Tooling prepreg is expected to remain the largest material type in the tooling market for composites industry over the next five years. The material type (tooling prepreg) is projected to witness the highest growth during the same period, propelled by increasing use in high growth markets owing to its excellent coefficient of thermal expansion property.

On the basis of end-use industry, aerospace & defense is projected to remain the largest end-use market for tooling in composites industry during the forecast period of 2017 to 2022. Increasing production rates of composites rich aircraft, such as B787 and A350XWB, an advancement in composite technologies, such as AFP and ATL, and increasing use of resin transfer molding process in the aircraft engines are the key growth drivers of tooling market. The transportation industry is likely to exhibit the fastest growth in the same period, driven by increasing penetration of composites in the electric and premium vehicles to enhance fuel efficiency for achieving stringent government regulations, such as CAF? standards.

Based on region, North America is estimated to remain the largest tooling market for the composites industry. The region is the manufacturing capital of aerospace & defense industry with the presence of several small to large composites part manufacturers. There is also a healthy demand for tooling products from other end-use industries in the region, such as transportation, marine, and wind energy. Asia-Pacific is likely to grow at the highest rate during the same period, driven by growing composites industry. China and India are the growth engines of the Asia-Pacific market.

AIP Aerospace Inc, Airtech Advanced Materials Group, Gurit Holding, Hexcel Corporation, Kaman Aerosystems, and Jaincki Industries are the major tooling manufacturers in the composites industry. New product development and long-term contracts with customers are the key strategies adopted by tooling manufacturers to gain competitive edge in the market.

Research Methodology

This report offers high-quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 700 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. We usually conduct more than 10 detailed primary interviews with the market

players across the value chain in all the four regions and with industry experts to obtain both qualitative and quantitative insights.

Report Features

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, Product portfolio, Product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The global tooling market for composites industry is segmented into the following categories:

Global Tooling Market for Composites Industry by End-Use Industry:

Aerospace & Defense (Regional Analysis: NA, Europe, APAC, and RoW)

Wind Energy (Regional Analysis: NA, Europe, APAC, and RoW)

Marine (Regional Analysis: NA, Europe, APAC, and RoW)

Transportation (Regional Analysis: NA, Europe, APAC, and RoW)

Construction (Regional Analysis: NA, Europe, APAC, and RoW)

Others (Regional Analysis: NA, Europe, APAC, and RoW)

Global Tooling Market for Composites Industry by Material Type:

Invar (Regional Analysis: NA, Europe, APAC, and RoW)

Aluminum (Regional Analysis: NA, Europe, APAC, and RoW)

Other Metals (Regional Analysis: NA, Europe, APAC, and RoW)

Tooling Prepreg (Regional Analysis: NA, Europe, APAC, and RoW)

Infusion (Regional Analysis: NA, Europe, APAC, and RoW)

Others (Regional Analysis: NA, Europe, APAC, and RoW)

Global Tooling Market for Composites Industry by Use Type:

Prototype (Regional Analysis: NA, Europe, APAC, and RoW)

Serial Production (Regional Analysis: NA, Europe, APAC, and RoW)

Global Tooling Market for Composites Industry by Region:

North America (Country Analysis: USA, Canada, and Mexico)

Europe (Country Analysis: Germany, France, UK, Russia, and Rest of the Europe)

Asia-Pacific (Country Analysis: China, Japan, India, and Rest of Asia-Pacific)

Rest of the world (Country Analysis: Brazil, Argentina, and Others)

Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (up to 3)

SWOT analysis of key players (up to 3)

Market Segmentation

Current market segmentation of any one of the end-use industry type by use type

Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview Research offers custom research services across sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your inquiry at sales@stratviewresearch.com

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