

Global Composite Leaf Springs Market by Vehicle Type (Passenger Car, Light Commercial Vehicle, Medium & Heavy Duty Commercial Vehicle, and Others), by Installation Type (Transversal and Longitudinal), by Location Type (Front and Rear), by Manufacturing Process (Compression Molding, Prepreg Layup, and Others), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021

<https://marketpublishers.com/r/GAB56ED2FDAEN.html>

Date: May 2024

Pages: 0

Price: US\$ 4,790.00 (Single User License)

ID: GAB56ED2FDAEN

Abstracts

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global composite leaf springs market in the automotive industry over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Composite Leaf Springs Market in the Automotive Industry: Highlights

Composite leaf springs offer several benefits over steel leaf springs, such as high durability, greater flexibility, better vibration energy absorption, and fatigue resistance. Composite leaf spring is about five times more durable than similar sized steel leaf springs. The biggest advantage of composite leaf springs is significant weight savings; it is about 1/7th the weight of a steel leaf spring. Composite leaf springs are not new to

the automotive industry. Chevrolet Corvette has been using composite leaf springs at both front and rear locations in the transverse position since 1981.

The global composite leaf spring is a niche market but possesses significant growth potential during the forecast period of 2016 to 2021. It is forecasted to grow at an attractive CAGR of 9.3% over the next five years to reach \$65.0 million in 2021. Increasing demand of lightweight leaf springs to achieve stringent government regulations of many countries, such as CAF? Standards, would be the major growth driver of the composite leaf springs in the automotive industry during the forecast period.

The global automotive composite leaf springs market is segmented on the basis of vehicle type (Passenger Car, Light Commercial vehicle, Medium & heavy Duty Commercial vehicle, and Others). Light commercial vehicle (LCV) is the expected to remain the growth engine of the global composite leaf springs market during the forecast period. Pick-up, van, and SUV are the major LCV types that are using composite leaf springs either on transversal or longitudinal position depending on requirement, vehicle design type, etc. All major OEMs are evaluating the use of composite leaf springs in their major pick-ups, vans, and SUVs.

There are two type of installation for composites leaf springs in a vehicle; transversal and longitudinal. Transversal is the most common installation type for composite leaf springs in the automotive industry. Currently, all major auto models using composite leaf springs, such as Chevrolet Corvette, are using it on transversal-mounted position. There is very limited use of composite leaf springs on the longitudinal position.

Compression molding is expected to remain the most dominant manufacturing process in the global automotive composite leaf springs market during the forecast period. High Pressure-Resin Transfer Molding (HP-RTM) is likely to experience the fastest growth for the same period, driven by shorter parts cycle time.

Europe is expected to remain the largest market for composite leaf springs over the next five years, driven by increasing use of composite leaf springs in the light commercial vehicles. Asia-Pacific is relatively a small market for composite leaf springs but is expected to experience the fastest growth for the same period.

The supply chain of this market comprises raw materials suppliers, composite leaf spring manufacturers, Automotive OEMs, distributors, and dealers. The key automotive OEMs are Daimler, GM, Volvo, Fiat, Iveco, Peterbilt, Navistar, and Mahindra &

Mahindra.

The global composite leaf spring is a highly consolidated market. The key leaf spring manufacturers are Liteflex LLC, IFC Composite, and Benteler-SGL. New product development, capacity expansion and process optimization are the key strategies adopted by the major players 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 300 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. More than 8 detailed primary interviews with the market players across the value chain in the all four regions and industry experts are usually executed to obtain both the 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 on 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 composite leaf springs market in the automotive industry is segmented into the following categories.

Global Composite Leaf Springs Market in the Automotive Industry by Vehicle Type:

Passenger Car (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Light Duty Vehicles (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Medium & Heavy Duty Vehicles (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Others (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Composite Leaf Springs Market in the Automotive Industry by Installation Type:

Transversal (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Longitudinal (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Composite Leaf Springs Market in the Automotive Industry by Manufacturing Process:

Compression Molding

Prepreg Layup

Others

Global Composite Leaf Springs Market in the Automotive Industry by Location:

Front (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Rear (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Leaf Springs Market in the Automotive Industry by Region:

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

Europe (Country Analysis: Germany, Spain, United Kingdom, Italy, and Rest of the Europe)

Asia – Pacific (Country Analysis: China, Japan, South Korea, India, and Rest of the 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)

Regional Segmentation

Current market segmentation of any one of the regions by manufacturing process 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 the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at sales@stratviewresearch.com.

Contents

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Abbreviation
Currency Exchange
About Us
Research Methodology
Secondary Research
Key Information Gathered from Secondary Research
Primary Research
Key Information Gathered from Primary Research
Breakdown of Primary Interviews by Region, Designation, and Value Chain Node
Data Analysis and Triangulation
Report Scope
Report Objectives

1. EXECUTIVE SUMMARY

2. COMPOSITE LEAF SPRINGS OVERVIEW AND MARKET FORCES

2.1. Introduction
2.2. Market Classification
 2.2.1. By Vehicle Type
 2.2.2. By Installation Type
 2.2.3. By Location Type
 2.2.4. By Manufacturing Process Type
 2.2.5. By Region
2.3. Market Drivers
2.4. Market Constraints
2.5. Supply Chain Analysis
2.6. Industry Life Cycle Analysis
2.7. PEST Analysis: Impact Assessment of Changing Business Environment
2.8. Porter Five Forces Analysis
 2.8.1. Bargaining Power of Suppliers
 2.8.2. Bargaining Power of Customers
 2.8.3. Threat of New Entrants
 2.8.4. Threat of Substitutes
 2.8.5. Competitive Rivalry

2.9. SWOT Analysis

3. GLOBAL AUTOMOTIVE COMPOSITE LEAF SPRINGS MARKET – BY VEHICLE TYPE

3.1. Strategic Insights

3.2. Passenger Car: Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

3.2.1. Passenger Car: Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

3.3. Light Duty Vehicle (LCV): Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

3.3.1. LCV: Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

3.4. Medium & Heavy Duty Vehicle (M&HCV) Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

3.4.1. M&HCV: Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

3.5. Others Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

3.5.1. Others: Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

4. GLOBAL AUTOMOTIVE COMPOSITE LEAF SPRINGS MARKET – BY INSTALLATION TYPE

4.1. Strategic Insights

4.2. Transversal Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

4.2.1. Transversal Composite Leaf Springs Market Trend and Forecast, by Region (US\$ Million and Thousand Units)

4.3. Longitudinal Composite Leaf Spring Market Trend and Forecast (In US\$ Million and Thousand Units)

4.3.1. Longitudinal Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

5. GLOBAL AUTOMOTIVE COMPOSITE LEAF SPRINGS MARKET – BY LOCATION TYPE

5.1. Strategic Insights

5.2. Front Axle based Composite Leaf Springs Market Trend and Forecast (In US\$ Million and thousand Units)

5.2.1. Front Axles based Composite Leaf Springs Market Trend and Forecast, by Region (US\$ Million and Thousand Units)

5.3. Rear Axle based Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

5.3.1. Rear Axles based Composite Leaf Springs Market Trend and Forecast, by Region (In US\$ Million and Thousand Units)

6. GLOBAL AUTOMOTIVE COMPOSITE LEAF SPRINGS MARKET – BY MANUFACTURING PROCESS TYPE

6.1. Strategic Insights

6.2. Compression Molding: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

6.3. Prepreg Layup Process: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

6.4. Other Processes: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

7. GLOBAL AUTOMOTIVE COMPOSITE LEAF SPRINGS MARKET – BY REGION

7.1. Strategic Insights

7.2. North America's Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.2.1. Country Analysis

7.2.1.1. USA: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.2.1.2. Canada: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.2.1.3. Mexico: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.2.2. Vehicle Type Analysis

7.2.2.1. North American Automotive Composite Leaf Springs Market Trend and Forecast by Vehicle Type (In US\$ Million and Thousand Units)

7.2.3. Installation Type Analysis

7.2.3.1. North American Automotive Composite Leaf Springs Market Trend and Forecast by Installation Type (In US\$ Million and Thousand Units)

7.2.4. Location Type Analysis

7.2.4.1. North American Automotive Composite Leaf Springs Market Trend and Forecast by Location Type (US\$ Million and Thousand Units)

7.3. Europe's Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1. Country Analysis

7.3.1.1. Germany: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1.2. Spain: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1.3. UK: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1.4. Italy: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1.5. Russia: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.1.6. Rest of the Europe: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.3.2. Vehicle Type Analysis

7.3.2.1. European Automotive Composite Leaf Springs Market Trend and Forecast by Vehicle Type (US\$ Million and Thousand Units)

7.3.3. Installation Type Analysis

7.3.3.1. European Automotive Composite Leaf Springs Market Trend and Forecast by Installation Type (US\$ Million and Thousand Units)

7.3.4. Location Type Analysis

7.3.4.1. European Automotive Composite Leaf Springs Market Trend and Forecast by Location Type (US\$ Million and Thousand Units)

7.4. Asia – Pacific's Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.4.1. Country Analysis

7.4.1.1. China: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.4.1.2. Japan: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.4.1.3. South Korea: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.4.1.4. India: Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.4.1.5. Rest of the Asia-Pacific: Automotive Composite Leaf Springs Market (In US\$

Million and Thousand Units)

7.4.2. Vehicle Type Analysis

7.4.2.1. Asia-Pacific's Automotive Composite Leaf Springs Market Trend and Forecast by Vehicle Type (In US\$ Million and Thousand Units)

7.4.3. Installation Type Analysis

7.4.3.1. Asia-Pacific's Automotive Composite Leaf Springs Market Trend and Forecast by Installation Type (In US\$ Million and Thousand Units)

7.4.4. Location Type Analysis

7.4.4.1. Asia-Pacific's Automotive Composite Leaf Springs Market Trend and Forecast by Location Type (In US\$ Million and Thousand Units)

7.5. Rest of the World's(RoW) Automotive Composite Leaf Springs Market Trend and Forecast (In US\$ Million and Thousand Units)

7.5.1. Country Analysis

7.5.1.1. Brazil: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

7.5.1.2. Argentina: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

7.5.1.3. RoW excluding Brazil and Argentina: Automotive Composite Leaf Springs Market Trend and Forecast (US\$ Million and Thousand Units)

7.5.2. Vehicle Type Analysis

7.5.2.1. RoW Automotive Composite Leaf Springs Market Trend and Forecast by Vehicle Type (In US\$ Million and Thousand Units)

7.5.3. Installation Type Analysis

7.5.3.1. RoW Automotive Composite Leaf Springs Market Trend and Forecast by Installation Type (In US\$ Million and Thousand Units)

7.5.4. Location Type Analysis

7.5.4.1. RoW Automotive Composite Leaf Springs Market Trend and Forecast by Location Type (In US\$ Million and Thousand Units)

8. COMPETITIVE ANALYSIS

8.1. Strategic Insights

8.2. Product Portfolio Analysis

8.3. Presence by Automotive Segment

8.4. Geographical Presence

8.5. New Product Launches

8.6. Mergers and Acquisitions

8.7. Market Share Analysis

9. STRATEGIC GROWTH OPPORTUNITIES

9.1. Strategic Insights

9.2. Market Attractive Analysis

9.2.1. Market Attractiveness by Vehicle Type

9.2.2. Market Attractiveness by Installation Type

9.2.3. Market Attractiveness by Manufacturing Process

9.2.4. Market Attractiveness by Spring Location

9.2.5. Market Attractiveness by Region

9.2.6. Market Attractiveness by Country

9.3. Emerging Trends

9.4. Key Success Factors

9.5. Growth Matrix Analysis

10. COMPANY PROFILE OF KEY PLAYERS

10.1. ARC Industries

10.2. Benteler SGL

10.3. Flex-Form

10.4. Hendrickson International

10.5. HyperCo

10.6. IFC Composite

10.7. LiteFlex, LLC

10.8. Mubea Fahrwerkstechnologien GmbH

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