

Growth Opportunities in the Global Composite Cylinder Market 2015-2020: Trends, Forecast, and Opportunity Analysis, October 2015

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Abstracts

According to a new market report published by Lucintel, the future of the global composite cylinder market looks attractive with opportunities in the gas carrier and storage, life support, and transportation industries. The global composite cylinder market is forecast to grow at a CAGR of 8.7% from 2015 to 2020. The major drivers of growth for this market are increase in demand for natural gas vehicles and increasing demand for lightweight cylinder with higher gas carrying capacity.

Composite cylinders are available mainly in three types: Type-II, Type-III, and Type-IV. Type II cylinders are the heaviest, whereas Type IV tanks are the lightest and most expensive. These cylinders are used in various end use applications like transportation, gas carrier & storage, life support, and recreation. On the basis of comprehensive research Lucintel forecast that, gas carrier & storage, and transportation industries are expected to show above average growth during the forecast period. Lucintel forecast that, Type-IV cylinder is expected to show the highest growth during forecast period.

In this market, carbon fiber, glass fibers, and epoxy resin are the major raw materials used for manufacturing composite cylinders. Lucintel predicts that the carbon fiber composites will continue to have the highest usage by value in the composite cylinder during the forecast period.

North America is expected to be the largest market due to the high acceptance level of composite cylinders and demand of Type IV cylinders for bulk gas transportation.

North America and Rest of the world (including Asia Pacific) region is expected to witness highest growth over the forecast period because of increasing demand for

natural gas vehicles and gas carrier & storage system.

For market expansion, report suggests capacity expansion and new product development to reduce weight and increase gas carrying capacity per cylinder. Emerging trends in the global composite cylinder, which have a direct impact on the dynamics of the industry, include development of Type-V tanks and increasing demand for lightweight cylinders.

Hexagon Composites, Luxfer Gas Cylinders, BTIC, Faber Industrie, and Worthington are among the major suppliers of the composite cylinders.

Lucintel, a leading global strategic consulting and market research firm, has analyzed the global composite cylinder market by application, cylinder type, fiber type, and region, and has come up with a comprehensive research report, "Global Opportunities in the Global Composite Cylinder Market 2015-2020: Trends, Forecast and Opportunity Analysis." The Lucintel report serves as a spring board for growth strategy as it provides a comprehensive data and analysis on trends, key drivers, and directions. The study includes a forecast of the global composite cylinder market through 2020, segmented by end-use industry, cylinder type, fiber type, and region as follows:

By end use industry [Unit (Thousand Units) and \$ Mil value analysis for 2009 – 2020]:

Gas Carrier and Storage Transportation Life Support Recreational and Others

By cylinder type [Unit (Thousand Units) and \$ Mil value analysis for 2009 – 2020]:

Type II Type III Type IV

By region [Unit (Thousand Units) and \$ Mil value analysis for 2009 – 2020]:

North America Europe Rest of the World (including Asia Pacific)

By fiber type [Volume (Mil lbs) and \$ Mil value analysis for 2009 – 2020]:

Carbon Fiber Composite Glass Fiber Composite Aramid Fiber Composite

This report answers following 11 key questions:

1. How big the opportunities for global composite cylinders market by end use

application, cylinder type, fiber type, and region?

2. Which segments will grow at a faster pace and why?

3. Which region will grow at a faster pace and why?

4. What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

5. What are the business risks and threats of this market?

6. What are emerging trends in this market and reasons behind it?

7. What are some changing demands of customers in the market?

8. What are the new developments in the market? Which companies are leading these developments?

9. Who are the major players in this market? What strategic initiatives are taken by key players for business growth?

10. How is the competitive rivalry and threat of substitution in this market?

11. How many M & A activities happened during last 1- 2 years and what are their impacts?

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

Some of the features of "Growth Opportunities in the Global Composite Cylinder Market 2015-2020: Trends, Forecast, and Opportunity Analysis" include:

Market size estimates: Growth opportunities in the global composite cylinder market size estimation in terms of value (\$ Mil) shipment. Trend and forecast analysis: Global composite cylinder market trend (2009-2014) and forecast (2015-2020) by region and segment. Segmentation analysis: Global composite cylinder market size by various application types, such as gas carriers and storage, transportation, by cylinder type, such as type 11 and type 111, by fiber type such as carbon fiber and glass fiber. Regional analysis: Global composite cylinder market breakdown by key regions such as North America, Europe, Asia Pacific, and Rest of World. Growth opportunities: Analysis on growth opportunities in different applications and regions. Strategic analysis: This

includes M&A, new product development, competitive landscape, and expansion strategies of global composite cylinder market suppliers. Emerging applications: Emerging applications of composite cylinder in various markets. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

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