

Global Spray Dryer Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Spray Dryer market size was valued at USD 1221.8 million in 2023 and is forecast to a readjusted size of USD 1772 million by 2030 with a CAGR of 5.5% during review period.

Spray drying is an industrial process for dehydration of a liquid feed containing dissolved and/or dispersed solids, by transforming that liquid into a spray of small droplets and exposing these droplets to a flow of hot air. The very large surface area of the spray droplets causes evaporation of the water to take place very quickly, converting the droplets into dry powder particles.

Spray Dryer can be classified into pressure spray dryer, stream spray dryer and centrifuging spray dryer type. The market size of pressure spray dryer type took up most market share, about 43% of the global revenue in 2019.

Spray dryer is an important part of food, pharmaceutical and industrial applications.

The global key Spray Dryer manufacturers include GEA, SPX, SACMI, Yamato, Buchi, Fujisaki Electric, Marriott Walker, etc. In 2019, top 3 players occupied about 24% revenue share. GEA and SPX are the biggest two players with about 15% and 5% market share (value) separately in 2019. Other leading players in Spray Dryer market include Dahmes Stainless, Lemar, Labplant, Dedert, Tokyo Rikakikai, Xianfeng, Wuxi Modern etc.

The Global Info Research report includes an overview of the development of the Spray Dryer industry chain, the market status of Food (Pressure Spray Dryer, Stream Spray Dryer), Pharmaceutical (Pressure Spray Dryer, Stream Spray Dryer), and key

enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Spray Dryer.

Regionally, the report analyzes the Spray Dryer markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Spray Dryer market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Spray Dryer market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Spray Dryer industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Pressure Spray Dryer, Stream Spray Dryer).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Spray Dryer market.

Regional Analysis: The report involves examining the Spray Dryer market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Spray Dryer market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Spray Dryer:

Company Analysis: Report covers individual Spray Dryer manufacturers, suppliers, and

other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Spray Dryer. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Food, Pharmaceutical).

Technology Analysis: Report covers specific technologies relevant to Spray Dryer. It assesses the current state, advancements, and potential future developments in Spray Dryer areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Spray Dryer market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Spray Dryer market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Pressure Spray Dryer

Stream Spray Dryer

Centrifuge Spray Dryer

Market segment by Application

Food

Pharmaceutical

Chemical

Others

Major players covered

GEA

Buchi

SPX

Yamato

Labplant

SACMI

SSP

Pulse Combustion Systems

Dedert

Dahmes Stainless

Tokyo Rikakikai

Sanovo

Marriott Walker

Fujisaki Electric

Xianfeng

Wuxi Modern

Lemar

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 Spray Dryer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Spray Dryer, with price, sales, revenue and global market share of Spray Dryer from 2019 to 2024.

Chapter 3, the Spray Dryer competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Spray Dryer breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Spray Dryer market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Spray Dryer.

Chapter 14 and 15, to describe Spray Dryer sales channel, distributors, customers, research findings and conclusion.

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