

Global Chemical Flaker Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Chemical Flaker market size was valued at US\$ 170 million in 2025 and is forecast to a readjusted size of US\$ 247 million by 2032 with a CAGR of 5.3% during review period.

Chemical Flakers are industrial processing machines used to solidify molten chemical materials into thin flakes through controlled cooling and spreading processes. These flakes are easier to store, transport, and further process in downstream chemical manufacturing. Chemical flaking is commonly used for materials such as resins, waxes, surfactants, and specialty chemicals that require uniform solidification and handling efficiency. The industrial chain of Chemical Flakers includes upstream components such as cooling systems, steel belts or drums, spreading devices, drive motors, temperature control systems, and structural frames. The midstream consists of industrial equipment manufacturers that design and assemble flaking systems for chemical processing applications. Downstream applications include chemical producers, resin manufacturers, wax processing plants, and specialty chemical industries. Supporting services include installation, maintenance, process optimization, and system customization to ensure stable flake quality and efficient production. In 2025, global Chemical Flaker production reached approximately 1,737 units, with an average global market price of around US\$95,000 per unit. The gross profit margin of major companies in the industry is between 28%-45%. In 2025, the global production capacity of Chemical Flakers was approximately 2,316 units.

The chemical flaker market is a niche segment within chemical processing equipment, driven by demand for efficient solidification and handling of molten materials such as resins, waxes, and specialty chemicals. These systems improve storage stability, transportation efficiency, and downstream processing convenience by converting liquids

into uniform flakes. Growth is supported by steady demand from chemical manufacturing, resin production, and specialty material industries where controlled solidification is essential. Technological improvements in cooling efficiency, automation, and material handling systems are enhancing operational stability and reducing energy consumption. However, the market remains relatively small and capital-intensive, with adoption largely concentrated among large-scale chemical producers. Demand is closely linked to industrial production cycles and investment in chemical infrastructure. Overall, the market is expected to grow at a moderate and stable pace, driven by incremental capacity expansion, process optimization, and the need for improved material handling efficiency in chemical manufacturing industries.

This report is a detailed and comprehensive analysis for global Chemical Flaker 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 Chemical Flaker market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Chemical Flaker market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Chemical Flaker market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Chemical Flaker market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

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 Chemical Flaker

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 Chemical Flaker 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 Shanta Flakers & Dryer CO.PVT.LTD., Stalwart International, Abster Equipment, ANDRITZ Group, Tech-Mech Engineers, Alisha Machines, Shanghai Mingke, Sigma Mixer, Wuxi Kewei Chemical Machinery Co., Ltd., Wuxi Chengzhixin Chemical Machinery Co., Ltd., etc.

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

Market Segmentation

Chemical Flaker market is split by Type and by Application. For the period 2021-2032, 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

Roller-cooled Agglomerates

Steel strip-cooled Agglomerates

Water-cooled Disc Agglomerates

Others

Market segment by Throughput Capacity

Laboratory Type: 20.2 ton/h

Small System: 0.2-2 ton/h

Medium Industrial Type: 2-10 ton/h

Large Continuous System: 10-50 ton/h

Very Large Chemical System: >50 ton/h

Market segment by Application

Hot Melt Material Processing

Organic Intermediate Production

Industrial Wax Treatment

Other

Major players covered

Shanta Flakers & Dryer CO.PVT.LTD.

Stalwart International

Abster Equipment

ANDRITZ Group

Tech-Mech Engineers

Alisha Machines

Shanghai Mingke

Sigma Mixer

Wuxi Kewei Chemical Machinery Co., Ltd.

Wuxi Chengzhixin Chemical Machinery Co., Ltd.

Liaoyang ZhongSheng Machinery Manufacturing Co., Ltd.

Wuxi Tengfeng Chemical Equipment Manufacturing Co., Ltd.

Andritz AG

Changzhou Skilled Machinery Technology Co., Ltd

Nara Machinery

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 Chemical Flaker product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Chemical Flaker, with price, sales quantity, revenue, and global market share of Chemical Flaker from 2021 to 2026.

Chapter 3, the Chemical Flaker competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape

contrast.

Chapter 4, the Chemical Flaker breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Chemical Flaker market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Chemical Flaker.

Chapter 14 and 15, to describe Chemical Flaker sales channel, distributors, customers, research findings and conclusion.

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