

Industrial Dryers Market by Product Type (Direct, Indirect, and Others), Type (Rotary, Fluidized Bed, Spray, and Others), Application (Food, Pharmaceutical, Fertilizer, Chemical, Cement, and Others), and Region 2025-2033

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Report description:

The global industrial dryers market size reached USD 5.8 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 8.0 Billion by 2033, exhibiting a growth rate (CAGR) of 3.7% during 2025-2033. The market is driven by increasing demand from the food and beverage industry, ongoing technological advancements enhancing energy efficiency, growing adoption of pharmaceuticals, rising applications in the chemicals sector, and stringent environmental regulations promoting the use of advanced drying technologies.

Industrial dryers attract moisture from each particle on the surface in order to remove moisture and other solvents from the material. The use of industrial dryers in bulk material processing allows for the efficient reduction of moisture levels in large quantities. There are several components included in these machines, including an electric motor, a fan, and tube coils, most of which are made of stainless steel. Generally, these dryers operate on direct drying and indirect drying principles by using heat transfer mechanisms, such as conduction, dispersion, and radiation. Dryers can provide clean and dry air, extending the life of products and helping to package, transport, and store a variety of products that require low levels of humidity. The devices are also helpful in preventing food spoilage by removing water during both preparation and processing. The industrial dryer finds diverse applications in a broad range of sectors, including pharmaceuticals, food, chemicals, mining, and construction.

Industrial Dryers Market Trends:

The considerable growth in large-scale production of the food and beverages (F&B) and packaging industries is a significant factor driving the growth of the market. This can be attributed to the increasing demand for processed, dehydrated and frozen food products with extended shelf life among the masses. In line with this, the growing investments by government as well as private agencies for the establishment of new manufacturing facilities, particularly in emerging economies, are providing an impetus to

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the market. Moreover, the escalating demand for dried gelatin is resulting in a higher product uptake across the pharmaceutical industry, which, in turn, is fueling the market. In addition to this, several stringent government regulations regarding maintaining the quality of manufacturing in the pharmaceutical and chemical industries are impacting the market positively. Continual technological advancements in industrial dryers for direct and indirect drying operations in agriculture are also creating a positive market outlook. Also, the introduction of innovative product variants, such as superheated steam dryers, fluidized bed dryers, vacuum dryers, and freeze control dryers, are further fueling the market growth. Some of the other factors contributing to the market include rapid industrialization across the globe, a considerable rise in construction activities, inflating disposable income levels, and extensive research and development (R&D) activities.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global industrial dryers market, along with forecasts at the global, regional, and country level from 2025-2033. Our report has categorized the market based on product type, type and application.

Product Type Insights:

- Direct
- Indirect
- Others

The report has provided a detailed breakup and analysis of the industrial dryers market based on the product type. This includes direct, indirect and others. According to the report, direct represented the largest segment.

Type Insights:

- Rotary
- Fluidized Bed
- Spray
- Others

The report has provided a detailed breakup and analysis of the industrial dryers market based on the type. This includes rotary, fluidized bed, spray, and others. According to the report, fluidized bed represented the largest segment.

Application Insights:

- Food
- Pharmaceutical
- Fertilizer
- Chemical
- Cement
- Others

A detailed breakup and analysis of the industrial dryers market based on the application has also been provided in the report. This includes food, pharmaceutical, fertilizer, chemical, cement, and others.. According to the report, food accounted for the largest market share.

Regional Insights:

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North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and Middle East and Africa. According to the report, Asia Pacific was the largest market for industrial dryers. Some of the factors driving the Asia Pacific industrial dryers market include rapid industrialization, a considerable rise in demand for processed food products, continual technological advancements in the pharmaceutical sector, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global industrial dryers market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Andritz Ag, Anivi Ingenieria, Buhler AG, Carrier Vibrating Equipment Inc., Comessa S.A., Feeco International Inc, FLSmidth & Co. A/S, GEA Group Aktiengesellschaft, Glatt GmbH, Metso Corporation, Mitchell Dryers Ltd., Swiss Combi AG, ThyssenKrupp AG, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global industrial dryers market performed so far, and how will it perform in the coming years?
What are the drivers, restraints, and opportunities in the global industrial dryers market?
What is the impact of each driver, restraint, and opportunity on the global industrial dryers market?
What are the key regional markets?
Which countries represent the most attractive industrial dryers market?
What is the breakup of the market based on the product type?

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Which is the most attractive product type in the industrial dryers market?
What is the breakup of the market based on the type?
Which is the most attractive type in the industrial dryers market?
What is the breakup of the market based on the application?
Which is the most attractive application in the industrial dryers market?
What is the competitive structure of the market?
Who are the key players/companies in the global industrial dryers market?

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