

Industrial Dryers Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/IB2871564643EN.html>

Date: January 2025

Pages: 180

Price: US\$ 4,850.00 (Single User License)

ID: IB2871564643EN

Abstracts

The Global Industrial Dryers Market was valued at USD 7.8 billion in 2024, and it is expected to expand at a robust CAGR of 5% between 2025 and 2034. This growth is being driven by continuous advancements in manufacturing technologies, leading to the creation of more energy-efficient and environmentally friendly drying solutions. As industries face increasing regulatory pressures to adopt sustainable practices, innovations in dryer technology are becoming pivotal in meeting these demands.

In particular, the rise in demand from key sectors, such as food and beverage, pharmaceuticals, and chemicals, is significantly contributing to market expansion. These industries require precise and reliable drying methods to maintain product quality, safety, and integrity. The increasing urbanization and industrialization trends in developing regions are also playing a major role in this market's growth. As economies grow and industries scale up, the demand for high-capacity dryers to support large production lines and reduce downtime has surged. Additionally, the rise of online food delivery services and e-commerce is pushing the demand for processed and packaged foods, further driving the adoption of industrial dryers.

Urbanization, technological advancements, and growing awareness of environmental sustainability are expected to continue fueling this market's trajectory. Many industries, especially in emerging economies, are seeking to modernize their operations, integrating cutting-edge drying systems that are both cost-efficient and resource-conscious. The industrial dryers market is poised to see further demand from sectors aiming to optimize production processes while keeping up with global standards and consumer expectations. Furthermore, the increasing need for specialized dryers that cater to specific materials and products is shaping the market's future. With manufacturers and industrial players prioritizing quality, safety, and efficiency,

technological innovation will be key to the development of more tailored solutions in the coming years.

The market is segmented based on dryer types, including rotary, fluidized bed, spray, drum, freeze, and other specialized variants. Rotary dryers accounted for USD 2.3 billion in 2024 and are projected to grow at a CAGR of 5.8% over the forecast period. Known for their versatility and efficiency, rotary dryers are widely used across multiple industries, such as food, beverage, chemicals, and pharmaceuticals. These dryers can handle bulk materials and meet diverse drying needs while offering low maintenance costs and long service life, making them an attractive choice for businesses looking to streamline production.

In terms of end-use industries, the food and beverage sector accounted for 33.8% of the market share in 2024 and is expected to grow at a CAGR of 5.9% through 2034. The pharmaceutical industry is also poised for growth, with a CAGR of 5.6% during the same period. The food and beverage industry continues to be the dominant force in driving market growth, fueled by the rising global demand for processed and packaged foods. The surge in urbanization, changing lifestyles, and increased disposable income are creating a strong need for efficient drying solutions to preserve the quality and shelf life of convenience foods.

The U.S. industrial dryers market generated USD 1.8 billion in 2024 and is projected to grow at a CAGR of 5.6% between 2025 and 2034. The pharmaceutical and food processing sectors in the U.S. are key drivers behind this market growth, along with the influence of stringent regulations that necessitate advanced drying solutions to meet safety and quality standards. The ongoing investments in automation and smart manufacturing also contribute to the increased adoption of high-tech drying systems.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021-2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Rising demand for energy-efficient dryers
 - 3.6.1.2 Expanding food processing industry
 - 3.6.1.3 Increasing adoption in pharmaceutical manufacturing
 - 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 High initial investment costs
 - 3.6.2.2 Stringent environmental regulations
- 3.7 Growth potential analysis

3.8 Technology overview

3.9 Porter's analysis

3.10 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TYPE, 2021-2034 (USD BILLION) (MILLION UNITS)

5.1 Key trends

5.2 Rotary dryers

5.3 Fluidized bed dryers

5.4 Spray dryers

5.5 Drum dryers

5.6 Freeze dryers

5.7 Others

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY TECHNOLOGY, 2021-2034 (USD BILLION) (MILLION UNITS)

6.1 Key trends

6.2 Direct drying

6.3 Indirect drying

6.4 Hybrid drying

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY OPERATING MODE, 2021-2034 (USD BILLION) (MILLION UNITS)

7.1 Key trends

7.2 Batch dryers

7.3 Continuous dryers

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY, 2021-2034 (USD BILLION) (MILLION UNITS)

- 8.1 Key trends
- 8.2 Food & beverage
- 8.3 Chemical
- 8.4 Pharmaceutical
- 8.5 Paper & pulp
- 8.6 Textile
- 8.7 Construction
- 8.8 Others

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021-2034 (USD BILLION) (MILLION UNITS)

- 9.1 Key trends
- 9.2 Direct sales
- 9.3 Indirect sales

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2034 (USD BILLION) (MILLION UNITS)

- 10.1 Key trends
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 UK
 - 10.3.2 Germany
 - 10.3.3 France
 - 10.3.4 Italy
 - 10.3.5 Spain
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 Japan
 - 10.4.3 India
 - 10.4.4 South Korea
 - 10.4.5 Australia
 - 10.4.6 Malaysia
 - 10.4.7 Indonesia
- 10.5 Latin America

- 10.5.1 Brazil
- 10.5.2 Mexico
- 10.6 MEA
 - 10.6.1 UAE
 - 10.6.2 Saudi Arabia
 - 10.6.3 South Africa

CHAPTER 11 COMPANY PROFILES

- 11.1 Andritz AG
- 11.2 ANIVI Ingenier?a SA
- 11.3 Buhler Holding AG
- 11.4 Carrier Vibrating Equipment, Inc.
- 11.5 COMESSA
- 11.6 FEECO International
- 11.7 FLSmidth & Co. A/S
- 11.8 GEA Group
- 11.9 Gem Allied Industries
- 11.10 Kerone Engineering Solutions
- 11.11 Metso Corporation
- 11.12 Mitchell Dryers Ltd.
- 11.13 ThyssenKrupp AG
- 11.14 Ventilex
- 11.15 Yamato Sanko Co Ltd

I would like to order

Product name: Industrial Dryers Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/IB2871564643EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IB2871564643EN.html>