

Pneumatic Conveying System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global pneumatic conveying system market size reached US\$ 30.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 41.3 Billion by 2028, exhibiting a growth rate (CAGR) of 5.3% during 2023-2028.

A pneumatic conveying system provides a cost-effective way to handle and transfer dry bulk materials without damage using pressure differential and gas flow. It consists of a receiver, feed device, conveying pipeline, material introduction point, and gas flow movement device. It is widely used in various types of process plants to transport materials between different storage locations. Nowadays, various dense phase pneumatic conveying systems are available across the globe that significantly reduces the risk of material degradation and wear.

Pneumatic Conveying System Market Trends:

Pneumatic conveying systems are utilized in food processing plants to transport powdered and granular food ingredients like flour, sugar, milk, wheat, coffee, grains, salt, and spices. This, along with the growing consumption of processed food products due to busy working schedules and inflating income levels, represents one of the key factors positively influencing the application of pneumatic conveying systems in the food and beverage (F&B) industry. Moreover, pneumatic conveying systems are employed in the pharmaceutical industry to deliver delicate materials, such as tablet granulations, active ingredients, finished tablets, and a wide variety of excipients. This, in confluence with the escalating need for drugs and medications on account of the rising prevalence of chronic diseases and easy access to healthcare services, is contributing to the market growth. Apart from this, due to the fine powdering nature of titanium dioxide, pneumatic conveying systems are gaining traction over manual conveying methods that

are ineffective, expensive, and time-consuming. In addition, the increasing usage of titanium dioxide in the production of paint, inks, plastics, textiles, and ceramics is impelling the market growth. Furthermore, market players are developing innovative pneumatic conveying processes and components to meet increasing customer demands for larger product capacities, greater product variability, and longer conveying distances. This is projected to impel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pneumatic conveying system market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on technology, operation and end user.

Breakup by Technology:

- Positive Pressure Conveying
- Vacuum Pressure Conveying
- Combination Conveying

Breakup by Operation:

- Dilute-phase Conveying
- Dense-phase Conveying

Breakup by End User:

- Food
- Pharmaceuticals
- Rubber and Plastics
- Ceramic
- Mining
- Others

Breakup by Region:

- 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

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Atlas Copco AB, AZO GmbH + Co. KG, Cyclonaire Corporation, Dynamic Air Inc., Flexicon Corporation, Gericke AG, Hillenbrand Inc., Macawber Engineering Inc., Nilfisk Group, Nol-Tec Systems Inc., Palamatic Process, Schenck Process Holding GmbH and VAC-U-MAX.

Key Questions Answered in This Report

1. What was the size of the global pneumatic conveying system market in 2022?
2. What is the expected growth rate of the global pneumatic conveying system market during 2023-2028?
3. What are the key factors driving the global pneumatic conveying system market?
4. What has been the impact of COVID-19 on the global pneumatic conveying system market?
5. What is the breakup of the global pneumatic conveying system market based on the technology?
6. What is the breakup of the global pneumatic conveying system market based on the operation?

7. What is the breakup of the global pneumatic conveying system market based on the end-user?
8. What are the key regions in the global pneumatic conveying system market?
9. Who are the key players/companies in the global pneumatic conveying system market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PNEUMATIC CONVEYING SYSTEM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY

- 6.1 Positive Pressure Conveying
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Vacuum Pressure Conveying
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Combination Conveying

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY OPERATION

7.1 Dilute-phase Conveying

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Dense-phase Conveying

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY END USER

8.1 Food

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Pharmaceuticals

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Rubber and Plastics

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Ceramic

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Mining

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Others

8.6.1 Market Trends

8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Atlas Copco AB

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 AZO GmbH + Co. KG

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Cyclonaire Corporation

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Dynamic Air Inc.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Flexicon Corporation

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Gericke AG

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.7 Hillenbrand Inc.

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

14.3.8 Macawber Engineering Inc.

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 Nilfisk Group

- 14.3.9.1 Company Overview
- 14.3.9.2 Product Portfolio
- 14.3.9.3 Financials
- 14.3.10 Nol-Tec Systems Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Palamatic Process
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Schenck Process Holding GmbH
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
- 14.3.13 VAC-U-MAX
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Pneumatic Conveying System Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Pneumatic Conveying System Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 3: Global: Pneumatic Conveying System Market Forecast: Breakup by Operation (in Million US\$), 2023-2028

Table 4: Global: Pneumatic Conveying System Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Pneumatic Conveying System Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Pneumatic Conveying System Market: Competitive Structure

Table 7: Global: Pneumatic Conveying System Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Pneumatic Conveying System Market: Major Drivers and Challenges

Figure 2: Global: Pneumatic Conveying System Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Pneumatic Conveying System Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Pneumatic Conveying System Market: Breakup by Technology (in %), 2022

Figure 5: Global: Pneumatic Conveying System Market: Breakup by Operation (in %), 2022

Figure 6: Global: Pneumatic Conveying System Market: Breakup by End User (in %), 2022

Figure 7: Global: Pneumatic Conveying System Market: Breakup by Region (in %), 2022

Figure 8: Global: Pneumatic Conveying System (Positive Pressure Conveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Pneumatic Conveying System (Positive Pressure Conveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Pneumatic Conveying System (Vacuum Pressure Conveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Pneumatic Conveying System (Vacuum Pressure Conveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Pneumatic Conveying System (Combination Conveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Pneumatic Conveying System (Combination Conveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Pneumatic Conveying System (Dilute-phase Conveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Pneumatic Conveying System (Dilute-phase Conveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Pneumatic Conveying System (Dense-phase Conveying) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Pneumatic Conveying System (Dense-phase Conveying) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Pneumatic Conveying System (Food) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Pneumatic Conveying System (Food) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Pneumatic Conveying System (Pharmaceuticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Pneumatic Conveying System (Pharmaceuticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Pneumatic Conveying System (Rubber and Plastics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Pneumatic Conveying System (Rubber and Plastics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Pneumatic Conveying System (Ceramic) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Pneumatic Conveying System (Ceramic) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Pneumatic Conveying System (Mining) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Pneumatic Conveying System (Mining) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Pneumatic Conveying System (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Pneumatic Conveying System (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: North America: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: North America: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: United States: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: United States: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Canada: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Canada: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Asia-Pacific: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Asia-Pacific: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: China: Pneumatic Conveying System Market: Sales Value (in Million US\$),

2017 & 2022

Figure 39: China: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Japan: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Japan: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: India: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: India: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: South Korea: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: South Korea: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Australia: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Australia: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Indonesia: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Indonesia: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Others: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Others: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Europe: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Europe: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Germany: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Germany: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: France: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: France: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: United Kingdom: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: United Kingdom: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Italy: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Italy: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Spain: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Spain: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Russia: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Russia: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Latin America: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Latin America: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Brazil: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Brazil: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Mexico: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Mexico: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Others: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Others: Pneumatic Conveying System Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Middle East and Africa: Pneumatic Conveying System Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Middle East and Africa: Pneumatic Conveying System Market: Breakup by

Country (in %), 2022

Figure 78: Middle East and Africa: Pneumatic Conveying System Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 79: Global: Pneumatic Conveying System Industry: SWOT Analysis

Figure 80: Global: Pneumatic Conveying System Industry: Value Chain Analysis

Figure 81: Global: Pneumatic Conveying System Industry: Porter's Five Forces Analysis

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