

# Bag Filter Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global bag filter market size reached US\$ 3.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.6 Billion by 2028, exhibiting a growth rate (CAGR) of 4.9% during 2023-2028.

A bag filter, also known as a baghouse, is an air pollution-controlling equipment used in the filtration of highly viscous fluids and gases. It comprises a dust hopper, air duct, filter chamber, cleaning room, pneumatic butterfly valve, dust removal unit, filter bag and frame, and manual air intake valve. It works on the filtration principle and uses organic or inorganic fiber filter cloth that filters out dust and impurities from the gas. It is employed in a steam boiler assembly to control the levels of sulfur dioxide (SO<sub>2</sub>) and other gases. At present, mechanical shakers, reverse air, and pulse jet bag filters are widely used as economical industrial solutions for high-flow filtration and batch filtration.

### Bag Filter Market Trends:

The increasing construction and remodeling activities of residential and commercial buildings represent one of the key factors positively influencing the market. It can also be attributed to the growing use of bag filter equipment in the cement industry to remove particulates from cement and minimize harmful emissions. In addition, rapid industrialization, along with the escalating demand for pulse jet bag filters in the coal and mining industries to enhance dust particle collection efficiency, is strengthening the market growth. Apart from this, technological advancements, including the development of centralized dust collectors for easy bag filter installation, are creating a positive outlook for the market. Furthermore, governments of various countries are imposing

safety regulations to minimize air pollution and safeguard the environment and public health around the world, which is propelling the market growth. Moreover, leading market players are focusing on developing strategic alliances, mergers and acquisitions (M&A), joint ventures, and partnerships with different companies to deploy innovative technologies, improve production capacity, and expand product portfolio and market reach.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bag filter market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material, type, media and end user.

#### Breakup by Material:

Nylon

Polypropylene

Polyester

Porous PTFE Film

#### Breakup by Type:

Pulse Jet

Reverse Air

Shaker

#### Breakup by Media:

Woven

Pleated

Non woven

### Breakup by End User:

Chemical and Petrochemical

Food Processing

Mineral

Cement

Automotive

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 Babcock & Wilcox Enterprises Inc., BWF Offermann Waldenfels & Co. KG, Camfil Group, Donaldson Company Inc., Eaton Corporation plc, Lenntech B.V., Parker Hannifin Corporation, Rosedale Products Inc., Shanghai Sffiltech Co. Ltd., Thermax Limited and W.L. Gore & Associates Inc.

Key Questions Answered in This Report

1. How big is the global bag filter market?
2. What is the expected growth rate of the global bag filter market during 2023-2028?

3. What are the key factors driving the global bag filter market?
4. What has been the impact of COVID-19 on the global bag filter market?
5. What is the breakup of the global bag filter market based on the type?
6. What is the breakup of the global bag filter market based on the media?
7. What are the key regions in the global bag filter market?
8. Who are the key players/companies in the global bag filter market?

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