

Global Electrostatic Precipitator Market Size study, by Type (Dry, and Wet), By End-Use (Power Generation, Metals, Cement and Chemicals and Others) and Regional Forecasts 2022-2029

<https://marketpublishers.com/r/GD707E909FCCEN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GD707E909FCCEN

Abstracts

Global Electrostatic Precipitator Market is valued at approximately USD 6.88 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.2 % over the forecast period 2022-2029. The electrostatic precipitator uses the electrostatic force to remove the fine particulate matter from the exhaust gases. The electrostatic precipitator finds its applications in various industry verticals such as power plants, cement, power & electricity along with many other industries. The growing adoption of electrostatic precipitators in heavy industries such as steel mills and cement plants owing to the ability of the electrostatic precipitator to remove particulate matter from gases at high temperatures tends to drive the market share. The significant rise in air pollution-associated health issues and calamities has increased demand for electrostatic precipitators.

The rising prevalence of pollution-associated diseases and deaths is contributing towards the adoption of Electrostatic Precipitator. For instance – according to World Health Organization (WHO) – in 2019, Ambient (outdoor) air pollution caused around 4.2 million premature deaths worldwide. Additionally, around 89% of these premature deaths occurred in low- and middle-income countries. Moreover, around 1.1 million people in Africa died prematurely from air pollution-related diseases in 2019. Also, the increased pollution level due to growing industrialization and urbanization has led to the rising demand for enhanced air pollution control systems. Furthermore, the stringent government regulations towards industrial air pollution would create lucrative growth prospects for the market over the forecast period. However, high deployment cost associated with electrostatic precipitators stiffs the market growth over the forecast

period.

The regional analysis of global Electrostatic Precipitator market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific region is expected to be the dominant region globally over the forecast period owing to the rising air pollution in the region along with increased demand for better air quality in the region. For instance, approximately 140 million Indian population is living in an area where the air pollution is approximately 10 times more than the WHO safe limit. Further, 13 out of the world's 20 cities with the highest annual levels of air pollution are in India. Whereas, Asia Pacific is also estimated as the fastest growing region over the forecast period due to growing industrialization as well as growing expansion of coal and cement industry in the region.

Major market players included in this report are:

Babcock & Wilcox Enterprises, Inc.

Beltran Technologies Inc.

Bionomic Industries, Inc.

ELEX AG

Feida Group Company Limited

General Electric Co.

Mitsubishi Hitachi Power Systems, Ltd.

Siemens AG

Southern Erectors, Inc.

Thermax Limited

Recent Developments in the Market:

In December 2022, Metso Outotec launched a digital optimiser for its wet gas cleaning solution, the Editube™ Wet Electrostatic Precipitator (WESP), as part of its plan to further improve the quality of sulphuric acid production for its clients.

Global Electrostatic Precipitator Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, End-Use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Material offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Dry

Wet

By End-Use:

Power & Electricity

Metals

Cement

Chemicals

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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