

Global Ship SOx Scrubber Systems Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Ship SOx Scrubber Systems market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Ship SOx scrubber systems, also known as sulfur oxide (SOx) scrubber systems, are a type of exhaust gas cleaning technology used on marine vessels, especially ships and boats, to reduce emissions of sulfur oxides, particularly sulfur dioxide (SO₂), from the exhaust gases produced by the combustion of heavy fuel oil or other sulfur-rich fuels. These systems play a critical role in helping ships comply with international and regional regulations that restrict sulfur emissions in environmentally sensitive areas, such as emission control areas (ECAs).

Key components of ship SOx scrubber systems include:

Scrubbing Unit: The heart of the system is the scrubbing unit, which is designed to remove sulfur oxides (SOx) from the exhaust gases. The unit often consists of nozzles, baffles, or other elements that facilitate the contact between the exhaust gases and a scrubbing solution.

Scrubbing Solution: A scrubbing solution is used to clean the exhaust gases. The solution is typically composed of water and an alkaline reagent, such as sodium hydroxide or magnesium hydroxide. This solution reacts with SO₂ in the exhaust gas to form sulfite or sulfate compounds, which are then removed from the gas.

Ship SOx scrubber systems have become an important technology for reducing air pollution from ships, especially in areas with strict emission control regulations. They help ships meet emissions standards while allowing the continued use of heavy fuels for

propulsion.

This report studies the global Ship SOx Scrubber Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ship SOx Scrubber Systems, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ship SOx Scrubber Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ship SOx Scrubber Systems total production and demand, 2018-2029, (K Units)

Global Ship SOx Scrubber Systems total production value, 2018-2029, (USD Million)

Global Ship SOx Scrubber Systems production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Ship SOx Scrubber Systems consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Ship SOx Scrubber Systems domestic production, consumption, key domestic manufacturers and share

Global Ship SOx Scrubber Systems production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Ship SOx Scrubber Systems production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Ship SOx Scrubber Systems production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Ship SOx Scrubber Systems market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wärtsilä, Yara Marine Technologies,

Alfa Laval, Andritz, KSB, CR Ocean Engineering, Langh Tech, Mitsubishi Heavy Industries (MHI) and DNV, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Ship SOx Scrubber Systems market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Ship SOx Scrubber Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ship SOx Scrubber Systems Market, Segmentation by Type

Open-Loop Scrubbers

Closed-Loop Scrubbers

Global Ship SOx Scrubber Systems Market, Segmentation by Application

Commercial Ships

Industrial Ships

Others

Companies Profiled:

Wärtsilä

Yara Marine Technologies

Alfa Laval

Andritz

KSB

CR Ocean Engineering

Lange Tech

Mitsubishi Heavy Industries (MHI)

DNV

Croll Reynolds

Ecospray

Saacke

Key Questions Answered

1. How big is the global Ship SOx Scrubber Systems market?
2. What is the demand of the global Ship SOx Scrubber Systems market?
3. What is the year over year growth of the global Ship SOx Scrubber Systems market?
4. What is the production and production value of the global Ship SOx Scrubber Systems market?
5. Who are the key producers in the global Ship SOx Scrubber Systems market?

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