

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Marine Scrubber Market 2018, Forecast to 2023

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Abstracts

The overwhelming majority of ships around the world operate using engines and boilers powered by heavy fuel oil. The resulting combustion exhaust gases that are emitted contain soot and sulfur oxides that pollute the environment.

Ship Exhaust Gas Scrubber exhaust gas cleaning reduces sulphur (SO2) and particulate emissions from ship engines, generators, and boilers. Ship Exhaust Gas Scrubber should enable ships to meet sulphur emission limits as required by IMO MARPOL Annex VI regulations without switching to low-sulphur fuel.

This report mainly covers the Ship Exhaust Gas Scrubber product type: Open Loop Scrubbers, Closed Loop Scrubbers, and Hybrid scrubbers.

SCOPE OF THE REPORT:

This report focuses on the Marine Scrubber in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The Marine Scrubber consumption volume was 67 Units in 2013 and is expected to reach 468 Units in 2016 and 3254 Units in 2023. Europe's sales volume accounted for the highest market share (47%) in 2016, followed by the North America. At present, the manufactures of Marine Scrubber are concentrated in Europe, North America and Asia-Pacific. The global leading players in this market are Wartsila, Alfa Laval, Yara Marine Technologies, Belco Technologies, CR Ocean Engineering. The Marine Scrubber are mainly used by Retrofit, and New Ships. The main dominated application of Marine Scrubber is Retrofit in 2017. The major types of Marine Scrubber are Open Loop Scrubbers, Closed Loop Scrubbers and Hybrid Scrubbers.



The worldwide market for Marine Scrubber is expected to grow at a CAGR of roughly 42.4% over the next five years, will reach 4170 million US\$ in 2023, from 500 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers Wartsila Alfa Laval **EcoSpray** Yara Marine Technologies Belco Technologies CR Ocean Engineering **AEC Maritime** Langh Tech Valmet Fuji Electric Clean Marine **PureteQ** Puyier

Market Segment by Regions, regional analysis covers

Shanghai Bluesoul

North America (United States, Canada and Mexico)



Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Open Loop Scrubbers

Closed Loop Scrubbers

Hybrid Scrubbers

Dry Scrubbers

Membrane Scrubbers

Market Segment by Applications, can be divided into

Retrofit

New Ships

There are 15 Chapters to deeply display the global Marine Scrubber market.

Chapter 1, to describe Marine Scrubber Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Marine Scrubber, with sales, revenue, and price of Marine Scrubber, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;



Chapter 4, to show the global market by regions, with sales, revenue and market share of Marine Scrubber, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Marine Scrubber market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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