

Global Marine Boiler Burner Market Size study & Forecast, by Application (Cargo Ships, Passenger Ships, Boats, Others), by End User (Marine Industry, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Marine Boiler Burner Market is valued at approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx over the forecast period 2023-2030. The marine boiler burner is a crucial component of the engine's combustion system, typically positioned at the front of the marine boiler. It primarily utilizes diesel or heavy fuel as its energy source. Double-block burners are known for their superior efficiency and cleaner combustion compared to single-block burners. In marine applications, fuel is stored in double-bottom tanks and transferred to settling tanks using a transfer pump. The global Marine Boiler Burner Market is anticipated to experience growth due to the increasing number of seaborne trade fairs. These burners are extensively utilized in passenger boats and cargo ships. Furthermore, market growth is expected to be boosted by advancements in the gas recirculation system, along with enhancements in air-to-fuel ratio and thermal load ratios.

The marine cargo industry's growth directly influences the demand for marine boiler burners in cargo vessels. Increased trade activities, expanding container ship capacity, and evolving technology drive market expansion, fostering innovation and growth opportunities. As of January 1, 2022, Statista reported that among the roughly 58,000 merchant ships engaged in international trade, approximately 17,800 of them were Ro-Ro (Roll-On/Roll-Off) and general cargo vessels. This segment comprised nearly 31% of the total global merchant fleet. The projected revenue for marine cargo handling in Texas is expected to reach approximately USD 1.0354 billion by 2024. The global container fleet's capacity is anticipated to increase by 4.5% in 2022 and 7.5% in 2023. Additionally, the emergence of advanced burners that offer low noise emissions and

easy installation creates lucrative opportunities in the market. However, single-block marine boiler burner is less efficient compared to double-block burner stifling market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Marine Boiler Burner Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to its thriving shipbuilding industry, high seaborne trade volume, and increasing energy consumption. The region's technological advancements and government initiatives further contribute to its market dominance. North America is expected to grow significantly over the forecast period, owing to increasing maritime activities, expansion of ports and infrastructure, the prominent oil and gas industry, focus on energy efficiency, and a thriving shipbuilding sector in the region.

Major market player included in this report are:

Perko Inc.

Forespar Products Corporation

Ocean Signal Ltd.

Osculati S.r.l

Hella marine

Kama Industries Limited (KIL)

Mrinco Electronics

Spinlock Limited

Nrd Solutions Pvt Ltd.

Schmitt Marine

Recent Developments in the Market:

In December 2021, Alfa Laval, a Swedish company, achieved a significant

milestone by obtaining the first marine approval from the American Bureau of Shipping (ABS) for operating boilers on methanol. The approval in principle (AiP) was granted based on successful solution testing conducted at the Alfa Laval Test and Training Centre. Alfa Laval has been actively conducting boiler operations and engine combustion trials using methanol since the beginning of this year. The trials involved the utilization of a pressure-atomizing MultiFlame burner on an Alfa Laval Aalborg OS-TCi boiler, complemented by a Methanol Valve Unit (MVU) developed specifically to meet the ABS class requirements.

Global Marine Boiler Burner Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Application, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest

along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Cargo Ships

Passenger Ships

Boats

Others

By End User:

Marine Industry

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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