

# **Incinerator Market Report by Product Type (Moving Grate, Static Hearth, Furnace and Multiple Hearth, Rotary Kiln, Fluidized Bed), End-Use Sector (Municipal Sector, Industrial Sector), and Region 2024-2032**

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## **Abstracts**

The global incinerator market size reached US\$ 15.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 22.5 Billion by 2032, exhibiting a growth rate (CAGR) of 4% during 2024-2032.

Incineration is a technology used for the treatment of waste products by combusting the organic substances present in it. Waste materials combusted in this process are converted into residual ash, fly gas (from incombustible materials), and heat. Incinerators are great waste management tools and the heat produced during the process is further used in the generation of electricity. To ensure safe and efficient operations, the furnace used during the combustion process is automatically monitored and controlled. Incinerators help curb down the solid mass of waste by almost 80-85% and the total volume by 95-96% which substantially reduces the requisite volume of disposal. Various types of incinerators that are currently available in the market include rotary kiln, fluidized bed, liquid injection, multiple hearths, catalytic combustion, waste gas flare, direct-flame, etc. Incinerators are mostly used for the management of chemical wastes, medical wastes, sewage incineration, agricultural wastes, building and municipality wastes, etc. Apart from this, thermal incinerators are used to reduce the waste from reactor vents, distillation vents, solvent operations, and operations conducted in ovens and dryers.

Global Incinerator Market Trends:

Catalyzed by better waste management and the ability to handle a large quantity of the total waste generated in urban areas, the demand of various types of incinerators is

undergoing strong growth. Moreover, the demand of incinerators is also being driven by a decline in the availability of landfills and the ability of incinerators to deal with artificial and non-organic waste. Additionally, incinerators keep a check on the rising levels of soil pollution, thereby minimizing the hazardous effects of untreated waste on the environment. Moreover, facilities carrying out the incineration process can be located close to the center of gravity of waste generation, as a result reducing the cost of waste transportation. Other factors that are currently driving this market include production of energy as a byproduct, uncontaminated groundwater, low carbon footprint, lower land requirements, etc.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global incinerator market report, along with forecasts at the global and regional levels from 2024-2032. Our report has categorized the market based on product type and end-use sector.

#### Breakup by Product Type:

Moving Grate  
Static Hearth, Furnace and Multiple Hearth  
Rotary Kiln  
Fluidized Bed

Based on the product type, the market has been segmented into moving grate, static hearth, furnace and multiple hearth, rotary kiln, and fluidized bed. Moving grate currently represents the biggest segment.

#### Breakup by End-Use Sector:

Municipal Sector  
Industrial Sector

Based on the end-use sector, the market has been segmented into municipal sector and industrial sector.

#### Regional Insights:

Asia Pacific  
North America

Europe

Middle East and Africa

Latin America

Region-wise, the market has been segmented into Asia Pacific, Europe, North America, Middle East and Africa, and Latin America. Asia Pacific currently represents the biggest market.

Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being

Babcock & Wilcox Co.

Covanta Energy Corp.

Suez Environnement Co. S.A.

Constructions industrielles de la M?diterran?e S.A

Gershman, Brickner & Bratton Inc.

EEW Energy from Waste Gmbh

Martin Gmbh

Wheelabrator Technologies Inc.

Novo Energy LLC.

This report provides a deep insight into the global incinerator market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the incinerator industry in any manner.

Key Questions Answered in This Report

1. What was the size of the global incinerator market in 2023?
2. What is the expected growth rate of the global incinerator market during 2024-2032?
3. What are the key factors driving the global incinerator market?
4. What has been the impact of COVID-19 on the global incinerator market?
5. What is the breakup of the global incinerator market based on the product type?
6. What is the breakup of the global incinerator market based on the end-use sector?
7. What are the key regions in the global incinerator market?

8. Who are the key players/companies in the global incinerator market?

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