

Industrial Furnaces Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global industrial furnaces market size reached US\$ 12.3 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 17.0 Billion by 2027, exhibiting a growth rate (CAGR) of 5.41% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

An industrial furnace is a heat-treating system that assists in melting or heating metals at a high temperature. It comprises a refractory chamber, hearth, burner, solid, liquid, or gaseous fuel or electricity, chimney, charging and discharging doors, and loading and unloading equipment. It is mainly utilized for annealing, tempering, or carburizing and pre-treating materials for forging purposes. Besides this, as it is fuel-efficient, compact, and portable, it is also employed in the manufacturing of iron, steel, non-ferrous metals, ceramic and calcination in cement across the globe.

Industrial Furnaces Market Trends:

At present, there is a significant increase in the demand for iron, steel and metals worldwide. This represents one of the key factors impelling the market growth. Apart from this, industrial furnaces are widely utilized in the manufacturing and heat-treating of metallic automotive parts. As a result, the rising sales of automobiles across the globe on account of inflating income levels and increasing global population are supporting the market. Furthermore, there is a considerable rise in the adoption of state-of-the-art technologies and the industrial internet of things (IoT) for providing enhanced efficiency and automation. This, in confluence with the rising adoption of numerous strategies for furnace energy conservation, productivity, and reduction of pollutant emissions, is

creating a favorable market outlook. These strategies include the utilization of natural gas, improved insulation and refractory materials. They also involve the usage of advanced burner designs, such as high velocity, regenerative and recuperative burners, along with new combustion technologies like air and fuel staging and flue gas recirculation techniques. The market is also driven by the expanding automotive and steel sector and the extensive investments in construction activities around the world.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global industrial furnaces market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on furnace type, arrangement and end use.

Breakup by Furnace Type:

- Gas and Fuel Operated Industrial Furnace
- Electrically Operated Industrial Furnace

Breakup by Arrangement:

- Tube or Clamshell Type
- Box Type
- Bottom Loading and Car Bottom Furnace
- Top Loading Furnace
- Others

Breakup by End Use:

- Metals and Mining
- Transportation
- Oil and Gas
- Chemicals
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Andritz AG, Carbolite Gero Ltd. (Dutch Verder Group), Epcon Industrial Systems LP, Gasbarre Products Inc., International Thermal Systems, Ipsen International GmbH, L?CHER Industrieofen- und Apparatebau GmbH, Nutec Bickley, Seco/Warwick SA, Thermal Product Solutions and Thermcraft Incorporated.

Key Questions Answered in This Report:

How has the global industrial furnaces market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global industrial furnaces market?

What are the key regional markets?

What is the breakup of the market based on the furnace type?

What is the breakup of the market based on the arrangement?

What is the breakup of the market based on the end use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global industrial furnaces market and who are the key players?

What is the degree of competition in the industry?

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