

Global Market for Electric Arc Furnace

Market Research Report | 2025-11-07 | 99 pages | BCC Research

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Report description:

Description

Report Scope

This report analyzes the electric arc furnace (EAF) market based on type, capacity, function, application and end user. It segments the market into four regions: North America, Europe, Asia-Pacific and the Rest of the World (which includes South America, and the Middle East and Africa). The report further analyzes the market by major countries, such as the U.S., Mexico, China, Japan, India, Germany, Italy and Turkey.

The study includes profiles of leading companies, which include financials, product portfolios and recent developments. However, the financial information is provided only for public companies. The report also analyzes emerging technologies, patents and the competitive landscape with market rankings for top companies and key strategies/developments of leading companies. It also includes a chapter on environmental, social and governance (ESG) initiatives.

The report uses tables and figures to illustrate historical, current and future market scenarios. In this report, 2024 is considered the base year, 2025 is an estimated year, and market values are projected through 2030. All market values are nominal and in U.S. dollars (\$) millions.

Report Includes

- An overview and in-depth analysis of the global markets of electric arc furnaces (EAFs) technology
- Analyses of the global market trends, with revenue data from 2024, estimates for 2025, forecast for 2026 and 2029, and projections of CAGRs through 2030
- Estimates of the market size and revenue prospects for the market , accompanied by a market share analysis by type, capacity, function, application, end user and region
- Insights derived from Porter's Five Forces model, as well as a global supply chain analysis
- Emerging technologies and new developments in the EAF industry
- A relevant patent analysis, featuring key granted and published patents
- Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings

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and practices of leading companies

- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook

- Profiles of the leading companies in the market

Executive Summary

Summary:

This report provides an analysis of the global market for electric arc furnace (EAF). It covers market trends for 2024-2030 with projections of compound annual growth rates (CAGRs) through 2030. The report concludes with a competitive landscape and profiles of the leading companies.

Electric arc furnaces (EAFs) are known for efficiently recycling scrap metal and have lower energy consumption than traditional blast furnaces. Key trends supporting market expansion include technological innovations such as improved automation, advanced process controls and DC furnace technology.

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NIKKO INDUSTRY CO. LTD.
PAUL WURTH IHI CO. LTD.
PRIMETALS TECHNOLOGIES
SARRALLE
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