

Global Traction Converter Market Growth 2025-2031

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Abstracts

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The global Traction Converter market size is predicted to grow from US\$ 2442 million in 2025 to US\$ 2953 million in 2031; it is expected to grow at a CAGR of 3.2% from 2025 to 2031.

Traction converters are converters that supply traction motors, including high power diodes and thyristors, capacitors and reactors. The function of the traction converter is to convert the electric energy between the DC system and the AC system, and to control and regulate various traction motors to control the operation of the locomotive.

The industry's leading producers are ABB, CRRC and Siemens, with revenue ratios of 34.62%, 20.17% and 11.04%, respectively, in 2019.

LP Information, Inc. (LPI) ' newest research report, the "Traction Converter Industry Forecast" looks at past sales and reviews total world Traction Converter sales in 2024, providing a comprehensive analysis by region and market sector of projected Traction Converter sales for 2025 through 2031. With Traction Converter sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Traction Converter industry.

This Insight Report provides a comprehensive analysis of the global Traction Converter landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Traction Converter portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Traction Converter market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Traction Converter and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Traction Converter.

This report presents a comprehensive overview, market shares, and growth opportunities of Traction Converter market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Propulsion Converter

Integrated Compact Converter

Segmentation by Application:

Diesel Locomotive

Electric Locomotive

EMU

Metro and DEMU

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ABB

CRRC

Siemens

Ingeteam

Bombardier

Voith

Toshiba

CAF Power & Automation

Kon?ar

Medha

Inovance

Cgglobal

Key Questions Addressed in this Report

What is the 10-year outlook for the global Traction Converter market?

What factors are driving Traction Converter market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Traction Converter market opportunities vary by end market size?

How does Traction Converter break out by Type, by Application?

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