

Global Mechanical Booster Pumps Market Growth 2025-2031

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Abstracts

The global Mechanical Booster Pumps market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Mechanical booster pumps are used with other roughing vacuum pumps, such as oil rotary pumps, dry vacuum pumps, and water sealed pumps. As the name implies, they are used to “boost” the pumping speed of the roughing pumps within their normal vacuum range.

United States market for Mechanical Booster Pumps is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Mechanical Booster Pumps is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Mechanical Booster Pumps is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Mechanical Booster Pumps players cover Edwards, Atlas Copco, ULVAC, Ezzi International Group, Shinko Seiki, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

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

This Insight Report provides a comprehensive analysis of the global Mechanical Booster Pumps 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 Mechanical Booster Pumps portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Mechanical Booster Pumps market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Mechanical Booster Pumps 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 Mechanical Booster Pumps.

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

Segmentation by Type:

Pumping Speeds: Below 500 m3/h (50Hz)

Pumping Speeds: 500-1000 m3/h (50Hz)

Pumping Speeds: 1000-2000 m3/h (50Hz)

Pumping Speeds: 2000-5000 m3/h (50Hz)

Pumping Speeds: Above 5000 m3/h (50Hz)

Pumping Speeds: Below 500 m³/h (60Hz)

Pumping Speeds: 500-1000 m³/h (60Hz)

Pumping Speeds: 1000-2000 m³/h (60Hz)

Pumping Speeds: 2000-5000 m³/h (60Hz)

Pumping Speeds: Above 5000 m³/h (60Hz)

Segmentation by Application:

Evaporation, Sputtering, Ion Plating

Vacuum Dryer, Freeze Dryer, Vacuum Degassing

Analytical Instruments, Leak Test System

Gas Exchange, Filling, Vacuum Insulating

Heat Treatment, Melting Furnace

Other Various Kinds of Vacuum System

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.

Edwards

Atlas Copco

ULVAC

Ezzi International Group

Shinko Seiki

Sato Vac Inc (PHIL)

Taiko Kikai Industries

Bestech

Genman Industrial

Nanfang Pump Industry

Shanghai EVP Vacuum Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Mechanical Booster Pumps market?

What factors are driving Mechanical Booster Pumps market growth, globally and by region?

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

How do Mechanical Booster Pumps market opportunities vary by end market size?

How does Mechanical Booster Pumps break out by Type, by Application?

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