

Global Powertrain Testing Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Powertrain Testing market size is expected to reach \$ 4440.6 million by 2029, rising at a market growth of 5.1% CAGR during the forecast period (2023-2029).

Global key players of powertrain testing are AVL, FEV, CAC, IAV, APL Group, AKKA Technologies, ThyssenKrupp, Applus, Horiba, Atesteo, etc. The top five manufacturers have a total market share of 45%, with the largest producer being AVL with a 25% market share. At the sales level, Europe has the largest sales market with a market share of 30%, followed by North America and China, with 25% and 20% respectively. In terms of product categories, engine testing has the largest market share with a 30% share, which is followed by powertrain final testing and gearbox testing, with 27% and 20% respectively. In terms of applications, component manufacturers are the top application area, with 55% of the market share, followed by automotive manufacturers with 40%.

Powertrain Testing is undergoing radical change, driven by the challenges that global society faces today. The need for reduced dependence on fossil fuels and improved carbon footprints is driving advances in the technologies used in all vehicles. This in turn has a direct impact on approaches to testing of powertrain components and systems.

There are three major areas of powertrain test: Hardware-in-the-loop and Component cells test sub-systems of the Powertrain and normally include simulation of other components that are absent from the test. These are generally focused on the development of hardware systems such as engine/prime-mover/transmission control systems.

Full-Powertrain cells provide a test of the full Powertrain solution, often in combination with a Robot Driver and real-world simulation tools.

In-Vehicle tests allow the full powertrain to be tested in the vehicle, normally with a Robot Driver and again will often use real-world simulation technologies.

This report studies the global Powertrain Testing demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Powertrain Testing, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Powertrain Testing that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Powertrain Testing total market, 2018-2029, (USD Million)

Global Powertrain Testing total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Powertrain Testing total market, key domestic companies and share, (USD Million)

Global Powertrain Testing revenue by player and market share 2018-2023, (USD Million)

Global Powertrain Testing total market by Type, CAGR, 2018-2029, (USD Million)

Global Powertrain Testing total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global Powertrain Testing market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AVL, FEV, ???, IAV, APL Group, AKKA Technologies, ThyssenKrupp, Applus and Horiba, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Powertrain Testing market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Powertrain Testing Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Powertrain Testing Market, Segmentation by Type

Engine Test

Gearbox Test

Turbocharger Test

Powertrain Final Tests

HEV/EV Test

Global Powertrain Testing Market, Segmentation by Application

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Companies Profiled:

AVL

FEV

???

IAV

APL Group

AKKA Technologies

ThyssenKrupp

Applus

Horiba

Atesteo

Element

KST

T?V S?D Group

Suzhou Itimotor

Intertek

ISP Salzbergen GmbH

Ricardo

Millbrook

Shanghai W-ibeda High Tech

Linamar

GETEC Getriebe Technik

Jiangsu Liance Electromechanical Technology

CRITT M2A

Key Questions Answered

1. How big is the global Powertrain Testing market?
2. What is the demand of the global Powertrain Testing market?
3. What is the year over year growth of the global Powertrain Testing market?
4. What is the total value of the global Powertrain Testing market?
5. Who are the major players in the global Powertrain Testing market?
6. What are the growth factors driving the market demand?

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