

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Powertrain Testing Market 2018, Forecast to 2023

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Abstracts

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.

Scope of the Report:

This report focuses on the Powertrain Testing in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Due to the policy promotion and fast developing automotive market, Powertrain testing became much more famous for the automotive and components manufacturers. Demand from the

downstream brings a power to the development of Powertrain Testing industry. Powertrain testing can be divided into four types, Engine Test, Gearbox Test, Turbocharger Test and Powertrain final test. And there are generally two mainly applications of the Powertrain Testing, automotive powertrain components manufactures and Automotive Manufacturers. There are many companies in the powertrain testing industry to offer testing service. And because of these giant multinational players in the market, the concentration of global Powertrain Testing market is relative high. The leading five companies occupy about 26% market share. They are AKKA Technologies, Ricardo, FEV, ThyssenKrupp and Horiba. The worldwide market for Powertrain Testing is expected to grow at a CAGR of roughly 4.8% over the next five years, will reach 3820 million US\$ in 2023, from 2880 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

AKKA Technologies

Ricardo

FEV

ThyssenKrupp

Horiba

Atesteo

Applus+ IDIADA

Intertek

IAV

MAE

A&D

IBAG

IFP

FAKT

CSA Group

KST

CRITT M2A

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Engine Test

Gearbox Test

Turbocharger Test

Powertrain Final Test

Market Segment by Applications, can be divided into

Components Manufacturers

Automotive Manufacturers

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Powertrain Testing Market...

Others

There are 15 Chapters to deeply display the global Powertrain Testing market.

Chapter 1, to describe Powertrain Testing Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Powertrain Testing, with sales, revenue, and price of Powertrain Testing, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Powertrain Testing, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Powertrain Testing market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Powertrain Testing sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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