

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

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## Abstracts

Forging is a manufacturing process involving the shaping of metal using localized compressive forces. The blows are delivered with a hammer (often a power hammer) or a die. Forging is often classified according to the temperature at which it is performed: cold forging (a type of cold working), warm forging, or hot forging (a type of hot working). For the latter two, the metal is heated, usually in a forge. Forged parts can range in weight from less than a kilogram to hundreds of metric tons. Forging has been done by smiths for millennia; the traditional products were kitchenware, hardware, hand tools, edged weapons, cymbals, and jewellery. Since the Industrial Revolution, forged parts are widely used in mechanisms and machines wherever a component requires high strength; such forgings usually require further processing (such as machining) to achieve a finished part. Today, forging is a major worldwide industry.

### Scope of the Report:

This report focuses on the Forging 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. The global average price of automotive forging products is in the decreasing trend, from 2271 USD/MT in 2013 to 2164 USD/MT in 2017. With the situation of raw material, prices will be in increasing trend in the following five years. In terms of raw material, the segments of the global automotive forging market include aluminum, copper/brass/bronze, low-carbon & low-alloy steels, special alloy steel, stainless steel.

The segments of the global automotive forging market on the basis of type are closed die, open die, and rolled rings. Amongst them, the segment of closed die dominates in

terms of revenue and the trend is expected to continue over the forecast period. This is due to the par excellence performance and finish of products that are obtained using this process.

The key application segments of the global automotive forging market covered in this report are powertrain components, chassis components, transmission parts and other part. Amongst all, powertrain components are the leading application segment of the market. The leading share of the powertrain components segment is ascribed to the expansion of the automobile industry to cater to the high demand for automobiles. The powertrain components segment held almost 48.21% of the global automotive forging market in terms of volume in 2017.

Geography-wise, the global automotive forging market is segmented into North America, Europe, Asia Pacific (China, India, Japan, etc.). In the years ahead, Asia Pacific is expected to display the leading growth amongst other key regions. The growth of the region is mainly driven by the development of automotive industries. Emerging economies of the region are major consumers of forged metal for the rising urbanization and industrialization in these regions.

The capital-intensive nature of the global automotive forging market accounts for the clear dominance of well-entrenched players that operate in international markets. This poses challenge for small players that compete with large players with respect to quality, features, functionalities, and services. The use of newer technologies by large players to add qualitative value to existing products will further add to the woes of small players.

The worldwide market for Forging is expected to grow at a CAGR of roughly 5.4% over the next five years, will reach 52000 million US\$ in 2023, from 38000 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Nippon Steel & Sumitomo Metal

Aichi Steel

Thyssenkrupp

AAM

Bharat Forge Limited

KOBELCO

WanXiang

FAW

Arconic

Mahindra Forgings Europe

Farinia Group

Longcheng Forging

Sinotruck

Dongfeng Forging

Jiangsu Pacific Precision Forging

Sypris Solutions

Ashok Leyland Limited

Allegheny Technologies

VDM Metals

CITIC Heavy Industries

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

Closed Die Forgings

Open Die Forgings

Rolled Rings Forgings

Market Segment by Applications, can be divided into

Powertrain Components

Chassis Components

Transmission Parts

Other Parts

There are 15 Chapters to deeply display the global Forging market.

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

Chapter 2, to analyze the top manufacturers of Forging, with sales, revenue, and price of Forging, 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 Forging, 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, Forging market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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