

# **China Electronic Fuel Injection System Report, 2014-2017**

**Sept. 2014**

## STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

## REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

## METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications.

Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

## INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

## Abstract

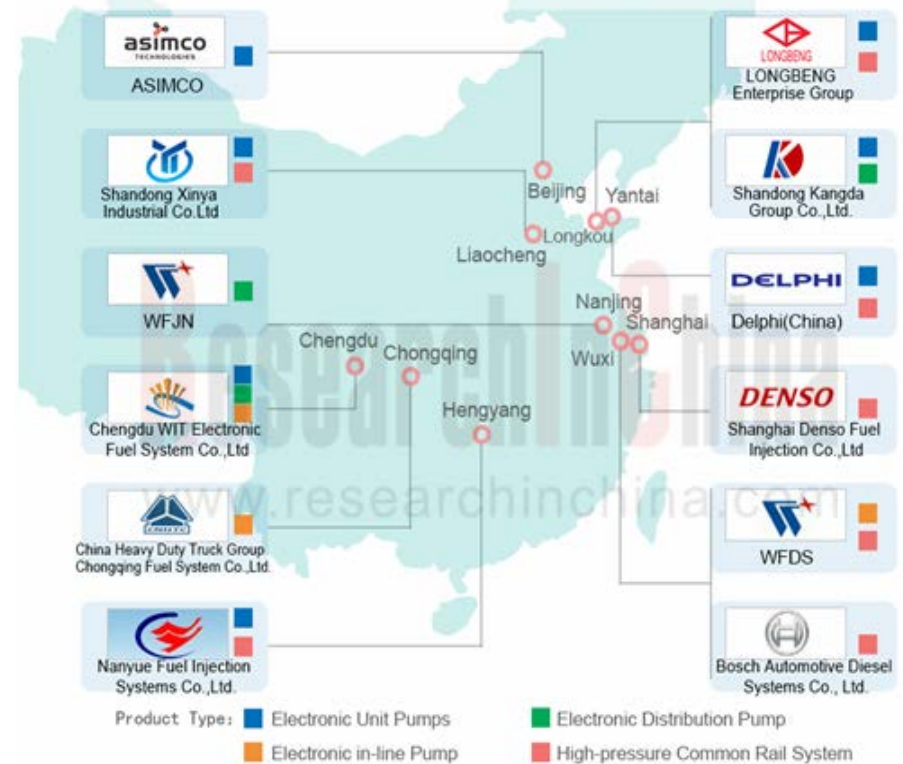
The evolution of automotive electronic technologies and the growing strict requirements on vehicle's environmental friendliness has conducted to the electronic control of fuel injection of automobiles in China. It is expected that, in the forthcoming years, Chinese automotive electronic injection industry will keep a steady growth rate of about 8%.

### Gasoline electronic injection field:

In 2002, gasoline engines across China stopped the use of carburetor and entered the era of electronic injection. Currently, this industry has developed into a market characteristic of mature product technologies and full competition, where such players enjoy large shares, as United Automotive Electronic Systems Co., Ltd, Delphi (China), Bosch, Dongguan Keihin Engine Management System Co., Ltd. and Mitsubishi Electric Auto Parts (China).

Gasoline Direct Injection (GDi) has been the hottest market segment in the gasoline electronic injection field, and such type of engines has been installed in many auto models under Beijing Benz, Shanghai Volkswagen, Shanghai GM and FAW Volkswagen. In 2014, Chinese GDi market demand is estimated to hit roughly 4 million sets, and the figure in 2017 is anticipated to reach 6.57 million sets, with an average growth rate of 18% or so during 2014-2017.

### Distribution and Product Type of Major Diesel EFI Enterprises in China



Source: China Electronic Fuel Injection System Report, 2014-2017, ResearchInChina

## **Diesel electronic injection field:**

On January 1st, 2015, China will enforce national IV emission standards and high-pressure common-rail will be the mainstream fuel injection technology. As estimated, the Chinese market size of diesel high-pressure common rail system will reach RMB6.8 billion in 2014, up 7% from a year earlier, of which the market scale of heavy high-pressure common rail system will attain to RMB3.7 billion with a growth rate of as high as 27%. It is expected that, till 2017 Chinese diesel high-pressure common rail system market size will be more than RMB10 billion, of which the scale of heavy high-pressure common rail system will be up to over RMB6.5 billion.

Chinese high-pressure common rail market, for the time being, is highly monopolized by a few giants, with the three Bosch, Denso and Delphi together holding a total market share of approximately 90% (of them, Bosch sweeps above 50%). Therefore, as the key cooperative partner of Bosch in China, WeiFu High-tech will embrace bright development prospects in the future. Among local Chinese enterprises, the development of Chengdu WIT Electronic Fuel System Co., Ltd., FAW Group Wuxi Fuel Injection Equipment Research Institute (wfiери), Nanyue Fuel Injection System Co., Ltd., LONGBENG Enterprise Group, etc is ahead in a relative sense, but they still not have realized mass-production. For a certain period of time in the future, this field will still mainly depend on foreign technologies.

China Electronic Fuel Injection System Report, 2014-2017 highlights the followings:

- Chinese policies about automotive EFI system, status quo and forecast of market demand, import & export, etc.;
- Status Quo and Forecast of China gasoline EFI system market size and structure, and supply relationship of key enterprises;
- China diesel EFI system market size and structure, technology roadmap, and the development of major enterprises;
- EFI products, financials, development, etc of overseas companies;
- EFI products, financials, development, etc of local Chinese companies.

### 1. Industry Overview

#### 1.1 Definition and Classification

##### 1.1.1 Definition

##### 1.1.2 Classification

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