
Description:
In 2015, the global market size of automotive braking system exceeded USD50 billion, and that of China's automotive braking system came to over RMB60 billion. The global and Chinese automotive braking system markets has leveled off in recent years, yet it is still expected that the global and Chinese automotive braking system markets will grow at an average annual rate of 4.4% and 7.3% during 2016-2020 respectively. Electronic control systems may become the main driving force behind the industry development.

In China's braking system market, manufacturers mainly develop towards ABS, braking force distribution (EBD/CBC, etc.), brake assist (EBA/BAS/BA), Vehicle Stability Control (ESC/ESP, DSC, etc.), AUTO HOLD, and so forth. Among them, ABS and EBD/CBC have the highest assembly rate of close to 90%; vehicle stability control develops very fast, with the assembly rate approaching 50%; brake assist and AUTO HOLD, benefiting from the development of autonomous driving technology, are seeing rapid growth in assembly rate.

At present, the Chinese braking system manufacturers are working to make layout in electronic control, particularly in ABS, Vehicle Stability Control (ESC/ESP/DSC), and Electric Park Brake (EPB). The advanced enterprises, such as Zhejiang Asia-Pacific Mechanical & Electronic and Zhejiang Vie Science & Technology, have entered the fields of intelligent drive and telematics.

Zhejiang Asia-Pacific Mechanical & Electronic, one of the leading Chinese braking system manufacturers, mainly operates an array of products including disc brakes, drum brakes, brake pumps, vacuum boosters, and ABS, etc. It now has an annual capacity of 1 million sets of automotive electronic control system.

At present, the company is actively developing automotive electronics, and, based on ABS, gradually makes technological breakthroughs in EPB, ESC, and EABS. Currently, the company is entitled to supply ABS and EPB to auto makers like Chery, SAIC, and FAW, and is expected to achieve small-lot supply in 2016. Additionally, it has obtained eligibility for supplying ESC and EABS to Dongfeng Motor and Nissan.

Zhejiang Vie Science & Technology is also an important braking system manufacturer in China. In 2015, the company realized massive supply of its independently developed and industrialized ABS, and completed the EBS development and vehicle matching test.

Meanwhile, it was developing ESC and EPB, etc. In February 2016, the company planned to invest RMB267 million in automotive EBS project. When the design capacity is achieved, the company will have a capacity of 200,000 sets/a ABS and 50,000 sets/a EBS, with the revenue and net income estimated to add annually RMB426 million and RMB66.82 million, respectively.

The report highlights the following:
- Market size and competitive landscape of global automotive braking system
- Market size, import and export, competitive landscape, development trend of automotive braking system in China
- Development of China's brake market segments, including disc brakes, drum brakes, pneumatic brakes, and hydraulic brakes
- Assembly rate, market size, and development of China's electronic control market (ABS, EBD/CBC, EBA/BAS/BA/AEB, ESC/ESP/DSC, and AUTO HOLD)
- Development of global and China braking system suppliers, including product type, financial indicators, capacity, output and sales volume, production bases, industrial layout, and development trend, etc.
5.4.4 Supply Relationship
5.5 AUTO HOLD
5.5.1 Overview
5.5.2 Market Size

6 Major Global Companies
6.1 Bosch
   6.1.1 Profile
   6.1.2 Operation
   6.1.3 Braking System Business
   6.1.4 Performance in China
   6.1.5 Companies in China
6.2 Continental
   6.2.1 Profile
   6.2.2 Operation
   6.2.3 Braking System Business
   6.2.4 Business in China
6.3 ZF TRW
   6.3.1 Profile
   6.3.2 Operation
   6.3.3 Braking System Business
   6.3.4 Business in China
6.4 ADVICS
   6.4.1 Profile
   6.4.2 Operation
   6.4.3 Braking System Business
   6.4.4 Business in China
6.5 Mando
   6.5.1 Profile
   6.5.2 Operation
   6.5.3 Braking System Business
   6.5.4 Business in China
6.6 Nissin Kogyo
   6.6.1 Profile
   6.6.2 Operation
   6.6.3 Braking System Business
   6.6.4 Business in China
6.7 Hyundai Mobis
   6.7.1 Profile
   6.7.2 Operation
   6.7.3 Braking System Business
   6.7.4 Business in China
6.8 Akebono Brake
   6.8.1 Profile
   6.8.2 Operation
   6.8.3 Braking System Business
   6.8.4 Business in China
6.9 WABCO
   6.9.1 Profile
   6.9.2 Operation
   6.9.3 Braking System Business
   6.9.4 Business in China
6.10 KNORR
   6.10.1 Profile
   6.10.2 Operation
   6.10.3 Braking System Business
   6.10.4 Business in China

7 Key Chinese Enterprises
7.1 Zhejiang Asia-Pacific Mechanical & Electronic
   7.1.1 Profile
   7.1.2 Operation
   7.1.3 Braking System Business
7.1.4 Major Customers
7.1.5 Electronic Braking Business
7.1.6 Smart Car Business Layout
7.1.7 Development Prospects
7.2 Zhejiang Vie Science & Technology
7.2.1 Profile
7.2.2 Operation
7.2.3 Braking System Business
7.2.4 Major Customers
7.2.5 Smart Car Business Layout
7.2.6 New Projects
7.3 Wuhu Bethel Automotive Safety Systems
7.3.1 Profile
7.3.2 Operation
7.3.3 Major Customers
7.3.4 Raw Material Supply
7.3.5 Production Capacity
7.4 Wangxiang Qianchao
7.4.1 Profile
7.4.2 Operation
7.4.3 Braking System Business
7.5 FAWER Automotive Parts
7.5.1 Profile
7.5.2 Operation
7.5.3 Braking System Business
7.6 Ruili Group
7.6.1 Profile
7.6.2 Operation
7.6.3 Braking System Business
7.7 Guangzhou Comet
7.7.1 Profile
7.7.2 Operation
7.7.3 Braking System Business
7.8 Chongqing Juneng
7.8.1 Profile
7.8.2 Braking System Business
7.9 Dongfeng Electronic Technology
7.9.1 Profile
7.9.2 Operation
7.9.3 Braking System Business
7.10 Longji Machinery
7.10.1 Profile
7.10.2 Operation
7.10.3 Braking System Business

8 Summary and Forecast
8.1 Market Summary and Forecast
8.2 Enterprise Summary and Forecast

List of Charts
- Structure of Automotive Braking System
- Four Major Functional Modules of Automotive Braking System
- Main Types of Auxiliary Braking System for Commercial Vehicle
- Supply Chain of Main Parts of Automotive Braking System in China
- Global Automotive Output, 2010-2015
- TOP 20 Countries by Automotive Output, 2015
- Global Output of Passenger Vehicles, 2010-2015
- Global Output of Commercial Vehicles, 2010-2015
- Global Automobile Output, 2016-2020E
- Percentage of Global Auto Parts by Market Size, 2015
- Global Competitive Landscape of Foundation Brake Market
- Global Competitive Landscape of Electronic Braking Control System
- China's Policies and Standards for Braking System
- Automobile Output in China, 2010-2020E
- Value Percentage of Auto Parts in China
- Major Chinese Braking System Manufacturers and Their Operation
- Apparent Consumption of Automotive Braking System in China, 2015
- Automotive Braking System Market Share of Major Enterprisers in China, 2015
- Major Brake Manufacturers and Supported Customers in China
- Major Brake Lining Manufacturers and Supported Customers in China
- Major Brake Master Cylinder Manufacturers and Supported Customers in China
- Major Vacuum Booster Manufacturers and Supported Customers in China
- Major Brake Hose Manufacturers and Supported Customers in China
- Major Brake Wheel Cylinder Manufacturers and Supported Customers in China
- Major Brake Disc Manufacturers and Supported Customers in China
- Major ABS Manufacturers and Supported Customers in China
- Major Wheel Speed Sensor Manufacturers and Supported Customers in China
- Difference between Drum Brake and Disc Brake
- Percentage of Rear Brakes for Passenger Vehicles in China by Type, 2014-2020E
- Assembling Quantity of Automotive Drum Brake and Disc Brake in China, 2014-2020E
- Types of Braking System Equipped in Automobiles in China (by Power Type)
- Assembling Quantity of Pneumatic Braking System and Hydraulic Braking System in China, 2010-2020E
- Expansion of Automotive Braking System from Mechanical Braking to Electronic Braking and Body Control Electronics
- ABS Assembly Rate of Automobiles in China, 2014-2020E
- ABS Assembly Quantity of Automobiles in China, 2014-2020E
- ABS Supply Relationship of Passenger Vehicle Enterprises in China
- ABS Suppliers of Major Commercial Vehicle Makers in China
- Braking Force Distribution (EBD/CBC, etc.) Assembly Rate and Quantity of Passenger Vehicles in China, 2014-2020E
- Brake Assist (EBA/BAS/BA) Assembly Rate and Quantity of Passenger Vehicles in China, 2014-2020E
- Supply Relationship between Major Brake Assist (EBA/BAS/BA) Suppliers and OEMs in China and around the World
- Global AEB Policies by Region/Country
- ESP Naming of Enterprises
- Global ESP Regulations by Region/Country
- Vehicle Stability Control (ESC/ESP/DSC, etc.) Assembly Rate and Quantity of Passenger Vehicles in China, 2014-2020E
- Vehicle Stability Control (ESC/ESP/DSC, etc.) Suppliers of China's Top 10 OEMs by Passenger Vehicle Sales Volume, 2015
- Supply Relationship between Major Vehicle Stability Control (ESC/ESP/DSC, etc.) Suppliers and OEMs in China
- AUTO HOLD Assembly Rate and Quantity of Passenger Vehicles in China, 2014-2020E
- Revenue of Bosch, 2010-2015
- Revenue Structure of Bosch, 2015
- Main Bosch Chassis Control System Products
- Development History of Bosch Automotive Electronics Business
- Main Supported Models of Bosch Braking System and Electronic Control System Products
- Bosch's Revenue in China, 2012-2015
- Bosch's Subsidiaries in China that are Engaged in Automobiles and Intelligent Transportation Technology
- Continental's Revenue & EBIT, 2009-2016
- Continental's Revenue by Division and Number of Employees, 2015
- Revenue, EBIT, and Number of Employees of Continental's Chassis & Safety Division, 2016Q1
- Main Products of Continental's Chassis & Safety Division
- Main Supported Models of Continental's Braking System and Electronic Control System Products
- Main Products of ZF TRW's Chassis System and Electronic Parts Divisions
- Main Supported Models of ZF's Braking System and Electronic Control System Products
- ZF TRW's Subsidiaries in China
- Revenue and Profit of ADVICS, FY2013-FY2015
- Number of Employees of ADVICS, FY2013-FY2015
- Revenue Structure of ADVICS by Business, FY2013-FY2015
- Main Products of ADVICS
- Main Supported Models of ADVICS's Braking System and Electronic Control System Products
- ADVICS's Subsidiaries in China
- Organizational Structure of Mando
- Revenue and Net Income of Mando, 2013-2015
- Revenue of Mando by Business, 2012-2014
- Market Share of Mando's Products in South Korean OEMs. 2014
- Mando's Product Capacity and Output, 2012-2014
- Main Supported Models of Mando's Braking System and Electronic Control System Products
- Mando's Subsidiaries in China
- Revenue and Net Income of Nissin Kogyo, FY2013-FY2016
- Revenue of Nissin Kogyo by Region, FY2013-FY2015
- Revenue of Nissin Kogyo by Business, FY2013-2015
- Main Supported Modes of Nissin Kogyo Braking System and Electronic Control System Products
- Revenue and Operating Margin of Hyundai Mobis, 2006-2015
- Production Bases of Hyundai Mobis in South Korea
- Main Supported Modes of Hyundai Mobis' Braking System and Electronic Control System Products
- Subsidiaries of Hyundai Mobis in China
- Revenue and Net Income of Akebono Brake, FY2011-FY2016
- Akebono Brake's Main Automotive Brake Products
- Main Supported Modes of Akebono Brake's Braking System and Electronic Control System Products
- Akebono Brake's Subsidiaries in China
- Revenue and Operating Income of WABCO, 2013-2015
- WABCO's Revenue by Region, 2014-2015
- WABCO's Main Products
- WABCO's Subsidiaries in China
- Revenue and Net Income of Knorr-Bremse, 2011-2015
- Main Products of Knorr-Bremse's Commercial Vehicle Division
- Subsidiaries of Knorr-Bremse's Commercial Vehicle Division in China
- Revenue of Zhejiang Asia-Pacific Mechanical & Electronic by Product, 2014-2015
- Ranking of Zhejiang Asia-Pacific Mechanical & Electronic in China's Automotive Braking System, 2010-2014
- Revenue from Top 5 Customers of Zhejiang Asia-Pacific Mechanical & Electronic, 2015
- EBS Supported Enterprises and Models of Zhejiang Asia-Pacific Mechanical & Electronic
- Layout of Zhejiang Asia-Pacific Mechanical & Electronic in Intelligent Vehicle Industry Chain
- Products of Forward Innovation
- "Tima Cloud" Telematics Comprehensive Application System
- Revenue, Net Income, and Gross Margin of Zhejiang Asia-Pacific Mechanical & Electronic, 2015-2020E
- Main Commercial Vehicle Products of Zhejiang Vie Science & Technology
- Main Passenger Vehicle Products of Zhejiang Vie Science & Technology
- Major Customers of Zhejiang Vie Science & Technology
- Production Lines and Capacity of Wuhu Bethel Automotive Safety Systems, 2015
- Revenue, Net Income, and Gross Margin of Wangxiang Qianchao, 2013-2016
- Operating Revenue and Gross Margin of Wangxiang Qianchao by Business, 2014-2015
- Operating Revenue and Gross Margin of Wangxiang Qianchao by Region, 2014-2015
- Braking System Subsidiaries of Wangxiang Qianchao
- Output and Sales Volume of Wangxiang Qianchao by Product, 2014-2015
- Revenue, Net Income, and Gross Margin of FAWER Automotive Parts, 2013-2016
- Operating Revenue and Gross Margin of FAWER Automotive Parts by Region, 2014-2015
- Operating Revenue and Gross Margin of FAWER Automotive Parts by Business, 2014-2015
- Braking System Subsidiaries of FAWER Automotive Parts
- Output and Sales Volume of FAWER Automotive Parts by Product, 2014-2015
- Revenue of Ruili Group, 2010-2014
- Gross Profit and Net Income of Ruili Group, 2010-2014
- Revenue Structure of Ruili Group, 2011-2014
- Development History of Products of Ruili Group
- Revenue and Net Income of Guangzhou Comet's Holding Subsidiaries, 2015
- Revenue from Main Products of Guangzhou Comet, 2014-2015
- Main ABS Supply Relationship of Chongqing Juneng
- Revenue, Net Income, and Gross Margin of Longji Machinery, 2013-2016
- Output and Sales Volume of Longji Machinery by Product, 2014-2015
- Subsidiaries and Joint Stock Companies of Longji Machinery, 2015
- Global and China Automotive Braking System Market Size
- Assembly Rate of Electronically Controlled Braking System for Passenger Vehicles in China by Type,
- Layout of Major Chinese Brake System Manufacturers in Electronic Control


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